

Congress Theme	Session Title	First Name of Presenting Author	Last Name of Presenting Author	Country of Residence	Affiliation/Organization	Presentation Title
Sub-plenary session	Advances in large-scale forest inventories to support the monitoring and the assessment of forest biodiversity and ecosystem services	Alexander	Vibrans	Brazil	Universidade Regional de Blumenau	Contribution of Floristic and Forest Inventory of Santa Catarina (IFFSC) to large scale forest biodiversity assessment
Sub-plenary session	Advances in large-scale forest inventories to support the monitoring and the assessment of forest biodiversity and ecosystem services	Michael	Koehl	Germany	University of Hamburg	Assessing information for indicators on SFM: potentials and pitfallsCriteria and indicators (C&I) have emerged as a powerful tool to promote sustainable forest management (SFM). Several international programs and initiatives have developed sets of criteri
Sub-plenary session	Advances in large-scale forest inventories to support the monitoring and the assessment of forest biodiversity and ecosystem services	Lorenzo	Fattorini	Italy	University of Siena	Inference on diversity indexes from large-scale forest inventories
Sub-plenary session	Advances in large-scale forest inventories to support the monitoring and the assessment of forest biodiversity and ecosystem services	Marco	Marchetti	Italy	Italian Academy of Forest Sciences	Development of innovative models for multiscale monitoring of ecosystem services indicators in Mediterranean forests
Sub-plenary session	Biodiversity and ecosystem services in planted forests	Shuirong	Wu	China	Chinese Academy of Forestry	The challenge of climate resilient biodiversity enrichment in planted forests in post-tenure reform China
Sub-plenary session	Biodiversity and ecosystem services in planted forests	Hervé	JACTEL	France	INRA	Biodiversity and resistance to pests and pathogens of planted forests
Sub-plenary session	Biodiversity and ecosystem services in planted forests	Michael	Scherer-Lorenzen	Germany	University of Freiburg	Assessing biodiversity effects on forest multi-functionality using a global network of tree diversity experiments
Sub-plenary session	Biodiversity and ecosystem services in planted forests	Peter	Freer-Smith	United Kingdom	Forest Research	The impacts of pests and diseases on future delivery of ecosystem services
Sub-plenary session	Cultural values, quality of life and forest landscapes	Jinlong	Liu	China	Centre of Forestry, Environmental and Resources Policy Study	Understanding role of traditional forest knowledge and culture in landscape restoration in China
Sub-plenary session	Cultural values, quality of life and forest landscapes	mauro	agnoletti	Italy	GESAAF-University of Florence	Cultural values and forest policies. The case of Europe
Sub-plenary session	Cultural values, quality of life and forest landscapes	saidi	seddik	Morocco	INRA	Cultural values, landscapes and quality of life at the GIAHS Imilchil-Amellagou site in Morocco
Sub-plenary session	Energy from trees: Technology, opportunities, and challenges	Peter	Edwards	Sweden	Swedish University of Agricultural Sciences	Social processes, challenges and opportunities for forest bioenergy harvesting
Sub-plenary session	Energy from trees: Technology, opportunities, and challenges	Gustaf	Egnell	Sweden	Swedish University of Agricultural Sciences	Feedstock production practices and challenges in Sweden
Sub-plenary session	Energy from trees: Technology, opportunities, and challenges	Hans R.	Heinimann	Switzerland	ETH Zurich	Life-cycle assessment LCA of biomass fuels - state and perspectives
Sub-plenary session	Energy from trees: Technology, opportunities, and challenges	Nathaniel	Anderson	United States	US Forest Service	Economics and logistics of forest biomass supply: Integrated supply chain research to reduce costs, increase value and quantify uncertainty
Sub-plenary session	Energy from trees: Technology, opportunities, and challenges	Robert	Bailis	United States	Yale School of Forestry and Environmental Studies	The Global Footprint of Traditional Woodfuels: a Spatially Explicit Assessment of Supply, Demand, and Sustainability
Sub-plenary session	Energy from trees: Technology, opportunities, and challenges	Deborah	Page-Dumroese	United States	USDA Forest Service, Rocky Mountain Research Station	Environmental Impacts and Site Sustainability of Biomass-for-Bioenergy Harvest Operations
Sub-plenary session	Forest biodiversity, ecosystem services and human well-being – harnessing biodiversity for adaptation to global change	Ronnie	De Camino	Costa Rica	Red Iberoamericana de Bosques Modelo (RIABM) - CATIE	Effective territorial governance for the maintenance and restoration of ecosystem services: analysis of experiences
Sub-plenary session	Forest biodiversity, ecosystem services and human well-being – harnessing biodiversity for adaptation to global change	Sandra	Luque	France	IRSTEA-France & University of St. Andrews	Forest landscape heterogeneity and local plant species richness effects: A proxy for biodiversity monitoring
Sub-plenary session	Forest biodiversity, ecosystem services and human well-being – harnessing biodiversity for adaptation to global change	Eckehard	Brockhoff	New Zealand	Scion (New Zealand Forest Research Institute)	Biodiversity, ecosystem services and resistance to invasion of planted forests
Sub-plenary session	Forest biodiversity, ecosystem services and human well-being – harnessing biodiversity for adaptation to global change	David	Hooper	United States	Western Washington University	On beyond S: why other metrics of biodiversity can tell more about ecosystem services than species richness
Sub-plenary session	Forest foods, medicines and human health	Carsten	Smith-Hall	Denmark	University of Copenhagen	A global-comparative analysis of household-level incomes from environmental food products
Sub-plenary session	Forest foods, medicines and human health	Kalevi	Korpela	Finland	University of Tampere	Restorative impacts of green environment on human well-being

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Sub-plenary session	Forest foods, medicines and human health	Kristiina	Wahala	Finland	University of Helsinki	From forest to pharmacy — drug development from nature based molecules
Sub-plenary session	Forest foods, medicines and human health	Robert	Nasi	Indonesia	CIFOR	Wildlife: a forgotten and threatened forest food resource
Sub-plenary session	Forest foods, medicines and human health	James	Chamberlain	United States	USDA Forest Service	Integrating Forest Foods and Medicines into Sustainable Forest Management
Sub-plenary session	Forest foods, medicines and human health	Marla R.	Emery	United States	USDA Forest Service	Food security, food sovereignty, and urban forests
Sub-plenary session	Forest health in a changing world	Allan	Carroll	Canada	The University of British Columbia	Synergies, feedbacks and tipping points: mountain pine beetle's rapid range expansion threatens invasion of North American boreal pine forests
Sub-plenary session	Forest health in a changing world	Ian	Thompson	Canada	Canadian Forest Service	Loss of resilience leads to low productivity in a Chilean hardwood forest
Sub-plenary session	Forest health in a changing world	Kimiko	Okabe	Japan	Forestry and Forest Products Research Institute	Forest biodiversity and forest health
Sub-plenary session	Forest health in a changing world	Michael	Wingfield	South Africa	FABI, University of Pretoria	International trade in live plants: Rationale for mitigating a high-risk pathway for the introduction of forest pests and pathogens
Sub-plenary session	Forests for people: Ecosystem services under pressure?	Ulrike	Pröbstl-Haider	Austria	University of Natural Resources and Life Sciences Vienna	Introduction to the IUFRO Forests for People strategy
Sub-plenary session	Forests for people: Ecosystem services under pressure?	Sally	Aitken	Canada	University of British Columbia	Reforestation in the Anthropocene: Biological and societal perspectives on genetic decisions
Sub-plenary session	Forests for people: Ecosystem services under pressure?	Sarah	Welter	Canada	University of Saskatchewan	Stretching community-based ecosystem management to protect Indigenous livelihoods: The Beardy's and Okemasis First Nation and the Prince Albert Model Forest
Sub-plenary session	Forests for people: Ecosystem services under pressure?	Ken	Cordell	United States	US Forest Service	The Future of Outdoor Recreation, Society and Forests in the United States
Sub-plenary session	Forests for people: Ecosystem services under pressure?	Felix	Kalaba	Zambia	Copperbelt University	The role of forest provisioning ecosystem services in coping with household stresses and shocks in Miombo woodlands of Zambia
Sub-plenary session	Forests, water, and people	Leon	Bren	Australia	University of Melbourne	Forest watershed management policies and practices meeting increasing multiple needs in a changing world
Sub-plenary session	Forests, water, and people	Shirong	LIU	China	Chinese Academy of Forestry	Forest and water relations under a changing environment: worldwide evidences at multiple spatial scales
Sub-plenary session	Forests, water, and people	Ge	Sun	United States	Eastern Forest Environmental Threat Assessment Center, USDA Forest Service	From Forests to the Faucets: Water Supply Functions of Forests Under Global Change
Sub-plenary session	Historical responses of research to global forestry issues	Jeffery	Burley	United Kingdom	Past-President, IUFRO	Research responses to major forestry and forest products challenges over the past quarter century
Sub-plenary session	Historical responses of research to global forestry issues	Hans	Gregersen	United States	Dept of Forest Resources, University of Minnesota	Global forest challenges over the past quarter century
Sub-plenary session	Integrating the economics of ecosystem services into sustainable forest management	Shashi	Kant	Canada	University of Toronto	Valuation of Ecosystem Services Using the Life Satisfaction Approach
Sub-plenary session	Integrating the economics of ecosystem services into sustainable forest management	Elisabeth	Kindler	Germany	Georg-August-Universität Göttingen, Department of forest economics and forest utilization	Influence of the TEEB DE study on forest reporting and management
Sub-plenary session	Integrating the economics of ecosystem services into sustainable forest management	Donald	Grebner	United States	Mississippi State University	The Role of Bioenergy as an Ecosystem Service
Sub-plenary session	Integrating the economics of ecosystem services into sustainable forest management	Donald	Hodges	United States	The University of Tennessee	Current Status and Future Research Directions for Assessing Water as an Ecosystem Service
Sub-plenary session	Policy learning for multi-level governance	Gabriela	Bueno	United States	University of Massachusetts Boston	Can Policy Learning Improve Strategic Insights for Practitioners and Policy Makers? Lessons from collaborative research on legality verification in Brazil
Sub-plenary session	Policy learning for multi-level governance	Benjamin	Cashore	United States	School of Forestry & Environmental Studies; Yale University/US	The Role of Policy Learning in Shaping Pathways of Influence: Lessons from Multi-level Forest Governance for Designing an Effective Learning Architecture
Sub-plenary session	Policy learning for multi-level governance	Margaret	Shannon	United States	European Forest Institute	Science-Policy Advocacy: Creating new social institutions for policy learning
Sub-plenary session	Resilience of forest ecosystem services to changing disturbance regimes	Rupert	Seidl	Austria	University of Natural Resources and Life Sciences (BOKU) Vienna, Austria	Disturbance regimes and ecosystem services in a changing world

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Sub-plenary session	Resilience of forest ecosystem services to changing disturbance regimes	Mart-Jan	Schelhaas	Netherlands	ALTERRA Research Institute, Wageningen	Risks for ecosystem services provisioning from natural disturbance: A European perspective.
Sub-plenary session	Resilience of forest ecosystem services to changing disturbance regimes	Jeffrey	Hicke	United States	University of Idaho	Intensifying bark beetle outbreaks in western North America negatively affect carbon sequestration as an ecosystem service
Sub-plenary session	Resilience of forest ecosystem services to changing disturbance regimes	David	Peterson	United States	U.S. Forest Service	Climate change and disturbance regimes in western North America: pathways for building resilience
Sub-plenary session	Resilience of forest ecosystem services to changing disturbance regimes	Thomas	Spies	United States	USDA Forest Service, PNW Research Station	Resilience of forest ecosystem services to changing disturbance regimes: a synthesis
Sub-plenary session	Resilience of forest ecosystem services to changing disturbance regimes	Scott	Stephens	United States	ESPM UC Berkeley	Resilience in forest ecosystem management - an introduction from the western US and northwestern Mexico
Sub-plenary session	Stemming invasions of forest insects and pathogens: Research supporting pathway risk management and phytosanitary policy	Jianghua	Sun	China	Institute of Zoology, Chinese Academy of Sciences	Pathways of major invasive forest pests in China and issues with international collaboration
Sub-plenary session	Stemming invasions of forest insects and pathogens: Research supporting pathway risk management and phytosanitary policy	Alain	Roques	France	INRA, Zoologie Forestière	Forest Insect Invasion Pathways in Europe
Sub-plenary session	Stemming invasions of forest insects and pathogens: Research supporting pathway risk management and phytosanitary policy	Alberto	Santini	Italy	Institute of Plant Protection	Global Forest Pathogen Invasion Pathways
Sub-plenary session	Stemming invasions of forest insects and pathogens: Research supporting pathway risk management and phytosanitary policy	Hugh	Evans	United Kingdom	Forest Research	Overview of Forest Insect and Pathogen Invasion Pathways and Consequences
Sub-plenary session	The future of our forests	David	Cohen	Canada	University of BC	Drivers of Future Forest Use
Sub-plenary session	The future of our forests	Gert-Jan	Nabuurs	Netherlands	Alterra, Wageningen University and Research	European forests: facing the challenges of the coming 50 years
Sub-plenary session	The future of our forests	Luis	Neves Silva	Portugal	WWF International	New Generation Plantations: what future role towards sustainability?
Sub-plenary session	The future of our forests	Chadwick	Oliver	United States	Yale University	Carbon, fossil fuel, and biodiversity mitigation using both wood products and forests
Sub-plenary session	The Importance of quantifying uncertainty in managing forests	Pierre	Bernier	Canada	Canadian Forest Service, Natural Resources Canada	Uncertainty in forest management planning: why it will not go away and what should we do about it
Sub-plenary session	The Importance of quantifying uncertainty in managing forests	Biing	Guan	China - Taipei	National Taiwan University	On Identifying and Establishing Confidence Limits of Trends
Sub-plenary session	The Importance of quantifying uncertainty in managing forests	Annika	Kangas	Finland	University of Helsinki, Department of Forest Sciences	Improving forestry decision making by accounting for uncertainty
Sub-plenary session	The Importance of quantifying uncertainty in managing forests	Ruth	Yanai	United States	SUNY-ESF (College of Environmental Science and Forestry)	Uncertainty is hardly Unimportant: Estimating detectable rates of change in soil carbon
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Bradley	Walters	Canada	Mount Allison University	St. Lucia's Forest Transition: Unique Event or Recurring Historical Pattern?
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Hexing	Long	China	Renmin University of China	Economic development, government intervention, and forest transition in China
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Zuomin	Wen	China	Nanjing Forestry University	Study on the Intelligent Management of Ecosystem Based on the Complex System Theory
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Huidan	Xue	China	Renmin University of China	Forest transition in China and interprovincial flow of commodity, population and forestry investment
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Padam	Bhojvaid	India	Forest Research Institute	TRANSITION TO SUSTAINABLE FOREST MANAGEMENT AND REHABILITATION IN INDIA
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	James M.	Roshetko	Indonesia	World Agroforestry Centre (ICRAF), Southeast Asia Regional Office, Indonesia; Winrock International, Morrilton, AR, USA	Smallholder forestry in Asia – products and services for a greener future
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Marina	Miovska	Italy	Department of Land, Environment, Agriculture and Forestry, University of Padua	The local level cooperation forms in forestry and their governance: Croatia and Serbia as case studies of South East Europe

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Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Kazuyo	Nagahana	Japan	The University of Tokyo	Forest Common Resources and Sustainability: Van (Forest) Panchayat and Forest Protection Committee in Garhwal, India
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Satoshi	Tachibana	Japan	University of Tsukuba	Transition to sustainable forestry management and rehabilitation in Japan
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	YOON	Yeo-Chang	Korea, Republic of	youn@snu.ac.kr	Comparative Analysis of Forest Transitions in nine Asian Countries – An Economic Modeling
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Diana	Mizaraitė	Lithuania	Institute of Forestry, Lithuanian Research Centre for Agriculture and Forestry	Economic evaluation of forest management sustainability in Lithuania
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Leni	Camacho	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Baños	Transition to sustainable forest management and rehabilitation in the Philippines
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Melanie	Smith	United Kingdom	Inverness College, University of the Highlands and Islands	Applying the principles of the Model Forest approach: a case study from the Highlands and Islands of Scotland
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Beth	Bee	United States	East Carolina University	Land tenure, agrarian change and forest cover: The case of Mexico
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Michael	Dockry	United States	USDA Forest Service	The indigenous roots of the 1996 Bolivian Forestry Law and implications for the decline in forestry certification
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Yeonsu	Kim	United States	School of Forestry	Indonesia's forest management units as agents of social safeguards in REDD+ implementation
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Andranik	Ghulijanyan	Armenia	Zikatar Environmental Center SNCO, Director	Legal aspects of the establishment of community forests in Armenia
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	M.	Al-Amin	Bangladesh	Institute of Forestry and Environmental Sciences, University of Chittagong, Bangladesh	PARADIGM SHIFT OF FOREST MANAGEMENT OF BANGLADESH FROM PRODUCTION TO SERVICE ORIENTED FOREST
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Md. Wasiul	Islam	Bangladesh	Khulna University	Performance of Joint Community Patrolling at Lawachara National Park, Bangladesh
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Ana Lúcia	Hanisch	Brazil	Epagri	Silvopastoral systems in areas of remnant native forest: the link between income generation and environmental conservation
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Monika	Singh	Canada	University of British Columbia	Gender Difference in Forest Management: temporal and cross-cultural perspective in aboriginal communities in India and Canada
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Lingchao	Li	China	Renmin University of China	Understanding forest transition in China from perspective of globalization
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Ming	Liang	China	Renmin University of China	Diversification of pathways for Forest Transition in China – based on Province-level Panel Data
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Yaofeng	Luo	China	Northwest Agriculture and Forestry University	How do Local Communities Interpret and Shape Forest Policy Intervention? – Case of Collective Forest Tenure Reform in China
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	William Kwadwo	Dumenu	Ghana	CSIR-Forestry Research Institute of Ghana	Rethinking Governance Arrangement for Sustainable Management of Timber Trees in Areas Outside Forest Reserves in Ghana
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Kwame Antwi	Oduro	Ghana	Forestry Research Institute of Ghana	Exploring the future of timber resources in the high forest zone of Ghana
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Madan Prasad	Singh	India	Forest Research Institute, Dehradun, India	Understanding forest transition in cultural, social and economic framework for India
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Madan Prasad	Singh	India	Forest Research Institute, Dehradun, India	Adapting Forest Management Planning to climate change in India
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Ellyn Kathalina	Damayanti	Indonesia	Faculty of Forestry, Bogor Agricultural University (IPB)	Socio-economic and Cultural Aspects of Forest Transition in Kuningan District, West Java, Indonesia
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Nining	Liswanti	Indonesia	Center for International Forestry Research	The use of foresighting tool in land use planning and ecosystem based management: Lessons learned from Maluku Island, Indonesia
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Lilik Budi	Prasetyo	Indonesia	Faculty of Forestry, Bogor Agricultural University (IPB)	Underlying causes of Forest Transitions in Indonesia
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Syukur	UMAR	Indonesia	Tadulako University of Indonesia	OPPORTUNITY COST OF CANOPY COVER AS AN EFFORT OF ENHANCING CARBON STOCK IN COCOA AGROFORESTRY

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Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Sajad	Ghanbari	Iran	University of Tehran	The Sustainable Forest Management (SFM) trend in the world and Iran
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Mi Sun	Park	Korea, Republic of	Seoul National University	Public Participation in Forest Restoration and Urban Forest Management in the South Korea
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	José Ciro	Hernández-Díaz	Mexico	Instituto de Silvicultura e Industria de la Madera, ISIMA-UJED	SIMULATOR FOR THE COST INTEGRAL ANALYSIS OF REFORESTATION PROJECTS
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	said	zarouali	Morocco	HCP MOROCCO	The people and the exploitation of forest resources: Social forestry and a sustainable future of the forest
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Ram Singh	Thapa	Nepal	Department of Soil Conservation and Watershed Management, Kathmandu, Nepal	Contribution of Watershed Management Program to the Livelihoods of the Local People; A case study from Nepal
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Verina	Ingram	Netherlands	WUR & CIFOR	'No chop um, no kill um, but keep um': Moving Prunus africana from an endangered species to everyday tree in Cameroon?
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	Oluwayemisi Grace E.	Arowosoge	Nigeria	Department of Forestry, Wildlife and Fisheries Management	Rural People's Perception of Forest Resources Conservation in Ekiti State, Nigeria.
Forests for People	101 Transitions to sustainable forest management: Economic, social and cultural parameters	MUSTAFA	CETİN	Turkey		INTEGRATED WATERSHED REHABILITATION PROJECTS WITH EXAMPLES OF THE WORLD AND TURKEY
Forests for People	103 The future of recreation in forests and other nature areas	Frank Søndergaard	Jensen	Denmark	Department of Geosciences and Natural Resource Management, University of Copenhagen	Inclusion of Recreational Indicators in the National Forest Inventory – Experiences and Results from Denmark
Forests for People	103 The future of recreation in forests and other nature areas	Jenni	Moilanen	Finland	Finnish Forest Research Institute	Biodiversity and people interrelationship – from urban to protected areas
Forests for People	103 The future of recreation in forests and other nature areas	Tuija	Sievänen	Finland	Finnish Forest Research Institute	Outdoor Recreation Future in Finland
Forests for People	103 The future of recreation in forests and other nature areas	Vincent	Upton	Ireland	Teagasc	Using demand models to spatially target forest recreation developments
Forests for People	103 The future of recreation in forests and other nature areas	Peter	Fredman	Sweden	Mid-Sweden University	A Web-based Panel Approach to Outdoor Recreation Inventories – Experiences from Sweden
Forests for People	103 The future of recreation in forests and other nature areas	Marcus	Hedblom	Sweden	Swedish University of Agricultural Sciences	Using existing data in national biodiversity monitoring program (NILS) to create new approaches for monitoring recreational indicators
Forests for People	103 The future of recreation in forests and other nature areas	David	Edwards	United Kingdom	Forest Research. Centre for Ecosystems, Society and Biosecurity	Forest recreation monitoring in Great Britain: lessons learned and future directions
Forests for People	103 The future of recreation in forests and other nature areas	Sandra	De Urioste-Stone	United States	University of Maine	Understanding Perceptions of Nature-based Tourism Adaptive Capacity to Climate Change in Maine
Forests for People	103 The future of recreation in forests and other nature areas	Elise	Gatti	United States	University of Utah, Department of Parks, Recreation & Tourism	Development of a Trail Auditing Tool for Near-Urban Trails in Semi-Wilderness Settings
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Philippe	Waldhoff	Brazil	Education, Science and Technology Institute of Amazonas (IFAM)	The role of community based forest management on the livelihoods of traditional timber extractors in Brazilian central Amazon
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Jordan	Benner	Canada	Simon Fraser University	Social contracts and community forestry: How can we design forest policy and tenure arrangements to generate local benefits?
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Ram Prasad	Lamsal	Nepal	Ministry of Forests and Soil Conservation	Changing scope of community-based forestry: analysis of 30 years of community forestry impacts in Nepal
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Sahibzada Irfanullah	Khan	Pakistan	Sustainable Land Management Programme	The Community Face of Joint Forest Management: A Case Study of JFM Experience in Fateh Bandi, Siran Forest Division, NWFP, Pakistan
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Juan	Pulhin	Philippines	College of Forestry & Natural Resources, University of the Philippines Los Banos, College, Laguna, Philippines	Social Outcomes of Community Forestry in the Philippines: A Synthesis of Three Decades of Experience
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Kate	Schreckenberg	United Kingdom	University of Southampton	Understanding the interaction of formal and informal institutions in improving the social outcomes of community forestry in Madagascar

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Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Jon	Anderson	United States	Engility-IRG	Managing leftovers: Does community forestry increase secure and equitable access to resources?
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	David	Bray	United States	Florida International University	The Social Outcomes of Mexican Community Forestry: Community Forest Enterprises, Territorial Zoning, and Social Capital
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Susan	Charnley	United States	USDA Forest Service	The Social Outcomes of Community Forestry in the STEWARD Project Area of West Africa: Methods, Results, Challenges
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	KAZI KAMRUL	ISLAM	Bangladesh	Bangladesh Agricultural University/ Kyushu University	Participatory forestry and rural development: sharable lessons for better management across south Asia
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Felicitas	Egunyu	Canada	University of Saskatchewan	Collaborative forest governance of a community forest in western Canada: What is the role of social learning?
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Silvia	Sánchez Fajardo	Cuba	Dirección Forestal del Ministerio de la Agricultura	Application of standard for monitoring and evaluation of the Model Forest Sabanas de Manacas, Cuba
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Nico	Wilms-Posen	Germany	University of Copenhagen	Joint Forest Management in Western Uganda - Impacts of internal governance on local livelihoods and conservation
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	ESTEBAN	PÉREZ-CANALES	Mexico	INSTITUTO DE SILVICULTURA E INDUSTRIA DE LA MADERA UJED	Human development for the sustainability of Mexican forests.
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Phyo	Thu	Myanmar (Burma)	Seoul National University	What Makes Community Forest Management Successful in Myanmar?
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Dhananjaya	Lamichhane	Nepal	Ministry of Forest and Soil Conservation, Nepal	Analysis of Community Forestry on Rural Household Economics in the Mid-hills of Nepal
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Tanvir Ahmed	Shovon	Netherlands	Wageningen University	Evaluation of paradigm shift in forest management: co-managing anthropogenic threats
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Ene	Abi	Nigeria	1Forestry Research Institute of Nigeria (FRIN)	Participation of Stakeholders in Community-Based Forestry in Cross River State, Nigeria
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Ruolei	Zhu	Singapore	National University of Singapore, department of Political Science	Exclusion of Low-Income Households from Forestry Management: A Study on Forestry Specialized Cooperatives in China
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Toon	De Bruyn	Thailand	RECOFTC - The Center for People and Forests	CAPACITY DEVELOPMENT NEEDS ASSESSMENTS FOR IMPROVED GOVERNANCE OF COMMUNITY FORESTRY
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	David	Gritten	Thailand	RECOFTC	Demonstrating for community forestry: Addressing the fundamental challenges of sustainable forest management in Asia?
Forests for People	105 The social outcomes of community forestry: What do we know and how do we know it?	Pasuta	SUNTHORNHAO	Thailand	Kasetsart University	The Assessment of Successful Community Forest Management in Thailand
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Tatyana	Ruseva	Afghanistan	Appalachian State University	A comparative analysis of regional and local scale reforestation in the United States and Brazil
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Mohammed	Alamgir	Australia	School of Earth and Environmental Science, James Cook University	Forest user's perception to climate change and its impact
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Jack	Baynes	Australia	University of Queensland	Why bother to plant trees? The difficulties of legally harvesting small-scale community forests in the Philippines.
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	John	Herbohn	Australia	The University of Queensland	Designing mixed species systems for community and smallholder forestry in the tropics to achieve multiple objectives
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Sharif Ahmed	Mukul	Australia	The University of Queensland	Biodiversity and ecosystem carbon budget in the upland landscapes following shifting cultivation by small-holder kaingin farmers in the Philippines
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Gehard	Weiss	Austria	BOKU	Forest land ownership changes in Europe: significance for management and policy
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Vilem	Jarsky	Czech Republic	Czech University of Life Sciences Prague, Faculty of Forestry and Wood Sciences	The Association of Forest Owners after the Restitution Process in the Czech Republic
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Anne	Matilainen	Finland	University of Helsinki Ruralia Institute	Passive or independent? -An empirical study of motivational reasons behind private forest owners' passive forest management behavior
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Marielle	Brunette	France	INRA	Attitude towards Risk and Production Decision : An Empirical analysis on French private forest owners

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Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Eric Awuah	Kyei	Ghana	KNUST-Kumasi, Ghana	Fuelwood Consumption and Tree Planting Activities in Selected Communities within Two Districts of Ghana
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Paola	Gatto	Italy	Dipartimento Territorio e Sistemi Agro-forestali, University of Padova	Understanding forest owners' propensity to the provision of ecosystem services: a survey in the Veneto Region of Italy
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Noriko	Sato	Japan	Kyushu University	Small-scale forestry and policy challenges in East Asia
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Josephine	Musyoki	Kenya	Kenya Forestry Research Institute	FACTORS INFLUENCING THE LEVEL OF PARTICIPATION OF COMMUNITY FOREST ASSOCIATION MEMBERS IN PARTICIPATORY FOREST MANAGEMENT: A CASE STUDY OF KENYA
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Stefania	Pizzirani	New Zealand	Scion (Forest Research Institute, New Zealand)	A culturally focused life cycle sustainability assessment: Analysis of forestry value chain options with Māori land owners
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Brett	Butler	United States	USDA Forest Service	Family Forest Ownership Research in the United States: Past, Present, and Future.
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Emily	Silver	United States	University of Maine	Modeling private woodland owner timber harvesting behavior using social interactions, risk perception, and peer-to-peer networking
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Tapan Kumar	Nath	Bangladesh	University of Chittagong	The Village Common Forest in Chittagong Hill Tracts, Bangladesh: Examining People's Dependency and Ecosystem Services
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Kisito	Gandji	Benin	Laboratory of Applied Ecology/Faculty of Agronomic Sciences/University of Abomey-Calavi (Benin)	Assessment of the participatory management of forest plantations establishment: a study case from Wari-Marò forest reserve, Benin (West Africa)
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Ana Paula	Fernandes	Brazil	Universidade Federal do Paraná	Support for the sustainable use of Faxinal community Espigão das Antas (Mandirituba, Paraná, Brazil)
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	MARIA AUGUSTA	ROSOT	Brazil	EMBRAPA	Forest research institutions and Caçador Model Forest: integrating local knowledge and scientific approaches to enhance rural livelihoods in Southern Brazil
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Olivia	Sanchez Badini	Canada	Faculty of Forestry, The University of British Columbia	Promoting community forestry in a REDD+ context: a global analysis of small-scale forestry enabling environments in 44 developing countries
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Anne	Arvola	Finland	University of Helsinki	Behind the scenes – revealing true volume of wood production and markets in a developing economy - case Tanzania
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Eric	KERE	France	INRA/CERDI	Decisions to Harvest and Spatial Interactions
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Utkur	Djanibekov	Germany	Center for Development Research, University of Bonn	Trees, crops, and rural livelihoods: Afforestation of marginal croplands in Uzbekistan
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Marc	Koch	Germany	Bavarian State Institute of Forestry	Changes and Trends in forest ownership in Bavaria, what do we know and what should we know?
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Julio	Lino	Honduras	CURLA	Forestry in the forests of the Garifuna communities of Honduras
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Carlos	Vindel	Honduras	SOCODEVI	EXPERIENCES OF COMMUNITARIAN FOREST HANDLING IN TWELVE FORESTS BROAD LEAF IN THE DEPARTMENT OF ATLANTIDA, HONDURAS
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Gurupada	Saren	India	Indira Gandhi National Open University	Strengthening Community Participation in social forestry: A case of Santal tribe in India
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Ellyn Kathalina	Damayanti	Indonesia	Center for Environmental Research, Bogor Agricultural University (IPB)	Small-scale and community forestry: Policies behind Planting Trees Movement in Kuningan District, West Java, Indonesia
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Sonya	Dyah Kusumadewi	Indonesia	Student/Bogor Agricultural University	Indonesia Private Forest Management: Profit Sharing in Tree Farm Business for Ecological Investment and People Welfare
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Dede	Rohadi	Indonesia	FORDA	THE VALUE CHAIN OF SMALLHOLDER PLANTATION TIMBER: How much room do we have for improving the farm gate price?
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Matteo	Favero	Italy	University of Padova, TESAF Department	Common Properties in the Veneto Region (Italy) between failure and success in socio-economic development of mountain areas
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	EI	-	Japan	Kyoto University	The Local Particularity of the Livelihoods of Taungya Participants in the Teak Plantations in the Bago Mountains, Myanmar

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Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Lelde	Vilkriste	Latvia	Latvian State Forest Research Institute „Silava”	Forest policy implementation tools in line with the changes in forest ownership structure in Latvia
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Mathura	Khanal	Nepal	Dalit NGO Federation	Peoples' Migration and Changing Biodiversity in Community Forest of Nepal
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Bikash	Niraula	Nepal	Good Neighbors	An assessment of Management practices for bio-diversity conservation
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Thomas	Aneni	Nigeria	Sustainable Environment Development initiative	Forest Management and Sustainable Livelihoods in Nigeria
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Mac-Anthony	Onyema	Nigeria	Department of Forestry and Wildlife Technology, Federal University of Technology Owerri, Nigeria	FACTORD INFLUENCING UNWILLINGNESS IN PRIVATE FORESTRY IN HUMID SOUTH OF NIGERIA
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	MYRNA	CARANDANG	Philippines	UPLB COLLEGE OF FORESTRY AND NATURAL RESOURCES, COLLEGE, LAGUNA PHILIPPINES	EVALUATING PROFITABILITY OF SMALL-HOLDER PRIVATE LAND TREE PLANTATIONS: A CASE OF TALACOGON MUNICIPALITY, AGUSAN DEL SUR, SOUTHERN PHILIPPINES
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Nenad	Petrovic	Serbia	University of Belgrade, Faculty of Forestry	Preferences of New Forest Owners in Serbia
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Zuzana	Sarvasova	Slovakia	National Forest Centre	SWOT analysis of the non-state forest sector in Slovakia
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Špela	Pezdevšek Malovrh	Slovenia	University of Ljubljana, Biotechnical Faculty, Department of Forestry and Renewable Forest Resources	The present state and prospects of private forest owners' associations
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Jeannette	Eggers	Sweden	Swedish University of Agricultural Sciences	Factors influencing choice of forest management strategy among small-scale private forest owners in Sweden
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Thomas	Kronholm	Sweden	Swedish University of Agricultural Sciences	Young adults' relationship and attitudes to forests and forest ownership
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Ulrika	Widman	Sweden	Umeå University	Shared responsibility in forest protection?
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Alexandra	Dittgen	Switzerland	Berner Fachhochschule	Changing forest ownership structures in the Canton of Bern, Switzerland: Implications for management decisions and attitudes
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Catherine	Bukowski	United States	Virginia Tech	Community Food Forests in the United States: What environmental and social benefits do they provide? Who is using them and why?
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Adrian	Poloni	United States	Fulbright-Garcia Robles	Efficient and effective control of bark beetle outbreaks in community forest of Oaxaca, Mexico
Forests for People	108 Small-scale and community forestry for people, biodiversity and ecosystem services	Rachel	Sheridan	United States	Northern Arizona School of Forestry	Community forestry and fire management: Combining social and ecological research to strengthen land management in communal forests in rural Mexico
Forests for People	113 Coppice forests - a tradition with future	Haki	Kola	Albania	CNPV Kosovo	Sustainable Coppice Forest Management in the Balkan
Forests for People	113 Coppice forests - a tradition with future	Manfred	Lexer	Austria	University of Natural Resources and Life Sciences, Vienna	Study the potential of Lebanon oak (Quercus libani Oliv.) for coppice regeneration in northern Zagros forests of Iran
Forests for People	113 Coppice forests - a tradition with future	Patrick	Pyttel	Germany	Chair of Silviculture, Albert-Ludwigs-University Freiburg	Valuable but threatened: How the abandonment of traditional forest management systems influences the occurrence of a rare tree species
Forests for People	113 Coppice forests - a tradition with future	Janine	Schweier	Germany	University of Freiburg, Chair of forest utilization	Euro Coppice: Joint forces for a traditional management concept
Forests for People	113 Coppice forests - a tradition with future	Raffaele	Spinelli	Italy		Harvesting traditional coppice stands in the Northwestern Italian mountains
Forests for People	113 Coppice forests - a tradition with future	Debbie	Bartlett	United Kingdom	University of Greenwich	The coppice industry in South East England: the tension between new market opportunities and socio-economic barriers to development
Forests for People	113 Coppice forests - a tradition with future	Mauricio	Acuna	Australia		Managing Coppice in Australian Eucalypt globulus Plantations
Forests for People	113 Coppice forests - a tradition with future	Søren	Larsen	Denmark	University of Copenhagen, Department of Geosciences and Natural Resource Management, Section for Forest, Nature and Biomass	Potential Production of Short Rotation Coppice Willow in Denmark

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Forests for People	113 Coppice forests - a tradition with future	Hardi	Tullus	Estonia	Estonian University of Life Sciences	HYBRID ASPEN COPPICE FOREST FOR ENERGY IN HEMIBOREAL ESTONIA
Forests for People	113 Coppice forests - a tradition with future	Tamalika	Chakraborty	Germany	University of Freiburg	Ecological complexity, stand basal area and rooting intensity respond differently under edaphic drought in ecotones at abandoned coppice forests
Forests for People	113 Coppice forests - a tradition with future	Patrick	Pyttel	Germany	Chair of Silviculture, Albert-Ludwigs-University Freiburg	The effect of harvesting on stump mortality and re-sprouting in aged oak coppice forests
Forests for People	113 Coppice forests - a tradition with future	Christian	Suchomel	Germany	Environmental Centre of Munich	Harvesting hardwood from aged coppice forests – Influencing parameters on time consumption
Forests for People	113 Coppice forests - a tradition with future	Valeriu-Norocel	Nicolescu	Romania	University "Transylvania" of Brasov	Sycamore maple (<i>Acer pseudoplatanus</i> L.) potential for coppicing: A case study
Forests for People	113 Coppice forests - a tradition with future	Keith	Little	South Africa	Nelson Mandela Metropolitan University	Eucalypt coppice management for rurally based, small-scale timber growers in South Africa
Forests for People	131 Forestry education serving science and practice	Mika	Rekola	Finland	University of Helsinki	Competency Surveys. What empirical surveys and economic models can tell us about competency requirements in working life?
Forests for People	131 Forestry education serving science and practice	Jean-Luc	PEYRON	France	ECOFOR	Need for new learning approaches in an evolving world: an example dealing with climate change
Forests for People	131 Forestry education serving science and practice	Shadrach	Akindele	Nigeria	Federal University of Technology, Akure	Prospects of e-learning as a tool for improving higher forestry education in Nigeria
Forests for People	131 Forestry education serving science and practice	Janusz	Sowa	Poland	University of Agriculture in Krakow, Poland	THE ROLE AND TASKS OF RESEARCH ON LABOUR PSYCHOLOGY IN THE ERGONOMIC EDUCATION OF FORESTERS
Forests for People	131 Forestry education serving science and practice	Krzysztof	Sterenczak	Poland	FRI/IBL	IUFRO Learning Initiatives – a necessary tool for lifelong learning of forestry graduates?
Forests for People	131 Forestry education serving science and practice	Elena	Kulikova	Russian Federation	WWF Russia	Introduction of Sustainable Forestry Best Learning and Practice into Russian Forest Higher Education: NGOs' Approaches
Forests for People	131 Forestry education serving science and practice	Hans R.	Heinimann	Switzerland	ETH Zurich	Curriculum reengineering - the key to skill-based future forest education
Forests for People	131 Forestry education serving science and practice	Kevin	O'Hara	United States	University of California - Berkeley	Recommendations for Forestry Science Education in North America: Results from the Berkeley Summit on Forestry Education
Forests for People	131 Forestry education serving science and practice	Liz	Villarraga	Colombia	Universidad Distrital Bogotá	Integrating social science research class into the forestry curriculum: A case study of Forestry Engineering Program in Colombia
Forests for People	131 Forestry education serving science and practice	Meelis	Teder	Estonia	Estonian University of Life Sciences	Influence of reforms and layoffs on forestry students' motivation and employment possibilities: case study from Estonia
Forests for People	131 Forestry education serving science and practice	Roope	Husgafvel	Finland	Aalto University	Higher education and capacity development for sustainability and clean technologies - experiences from Mozambique
Forests for People	131 Forestry education serving science and practice	Gessesse	Dessie	Ghana	United Nations University Institute for Natural Resources in Africa	Rethinking Higher Education in Forestry and Natural Resources in Ethiopia in Line with Education for Sustainable Development
Forests for People	131 Forestry education serving science and practice	Enrico	Marchi	Italy	GESAAF - University of Florence	International Masters in Wood Energy: an EU project for developing higher education in the bioenergy sector
Forests for People	131 Forestry education serving science and practice	Mariko	Inoue	Japan	Forestry and Forest Products Research Institute Japan	Present situation of forest education include forestry, environment and outdoor activities in Japan
Forests for People	131 Forestry education serving science and practice	Floribel	Paras	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos, College, Laguna, Philippines	What I Mean When I Talk About Social Forestry: Intergenerational Narratives on Social Forestry Education and Practice in the Philippines
Forests for People	131 Forestry education serving science and practice	Michał	Zasada	Poland	Warsaw University of Life Sciences-SGGW. Faculty of Forestry	Forestry higher education facing social and economic changes
Forests for People	131 Forestry education serving science and practice	Desiana	Barianti Ahlberg	Sweden	Albert-Ludwigs-Universität, Fakultät für Umwelt und Natürliche Ressourcen	Preparing forestry students for the labour market outside targeted sectors
Forests for People	131 Forestry education serving science and practice	Steve	Bullard	United States	Stephen F. Austin State University	Comprehensive Curriculum Revision 101

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Forests for People	131 Forestry education serving science and practice	Tamara	Cushing	United States	Clemson University	Integrating forestry capstone curriculums: preparing today's students to be tomorrow's forest managers through education in sustainability and certification
Forests for People	131 Forestry education serving science and practice	Kristen	Evans	United States	Center for International Forestry Research	Bridging the Gap: Bringing Ethnoecology E-Learning to Forestry Programs in Latin America
Forests for People	131 Forestry education serving science and practice	Joseph	Hulbert	United States	Oregon State University	The Value of Graduate Undergraduate Mentorship Programs in Academia
Forests for People	131 Forestry education serving science and practice	Terry	Sharik	United States	Michigan Technological University	Undergraduate Enrollments in Forestry and Related Areas of Natural Resources in the U.S. with Respect to Gender and Race/Ethnicity
Forests for People	131 Forestry education serving science and practice	Bob	Smith	United States	College of Natural Resources and Environment, Virginia Tech	Changing the Perception of a Natural Resource Education Program: A Case Study at Virginia Tech
Forests for People	131 Forestry education serving science and practice	Andrew J	Storer	United States	School of Forest Resources and Environmental Science, Michigan Technological University, 1400 Townsend Drive, Houghton, MI 49931, USA	Best Practices for Enhancing Communication Skills of Forestry Majors in U.S. Institutions of Higher Learning
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Guillaume	Lescuyer	Cameroon	CIRAD	Putting timber domestic markets to the agenda. A multiple approach to integrate chainsaw milling in forest policy in Cameroon
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Mike	Briennesse	Canada	Ontario Ministry of Natural Resources	Application of Bayesian belief networks to science based policy development
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Gordon	Hickey	Canada	McGill University	Publicly-funded forest research in Canada: Discriminating between strategic, tactical and technical policy relevance
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Christian Pilegaard	Hansen	Denmark	University of Copenhagen	Under the veil of science: a history of state management of Ghana's High Forest Zone
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Risto	Seppälä	Finland	Metla (retired)	Is forest research in accord with the strategic challenges of the forest sector? A case study on Finland.
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Yusuf	Samsudin	Indonesia	Global Garden Consulting	Forest Biodiversity in Climate Change Adaptation; what is the role of IPBES and IPCC?
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Jaroslav	Šálka	Slovakia	Technical University Zvolen	Actionable Knowledge for Forest Owners Associations in Slovakia
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Rolf	Lidskog	Sweden	Orebro university	Governing uncertainty in forest management. Forest counselors' handling of risk and uncertainty after extreme events
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	William	Wagner	Canada	Wild Land Wood	Catalyzing British Columbia's Coastal Forest Economy
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Markus	Lier	Finland	Finnish Forest Research Institute (METLA)	Using Criteria and Indicator for Sustainable Forest Management in the preparation and monitoring of forest policies and strategies
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Michael	Böcher	Germany	University of Goettingen, Faculty of Forest Sciences	The RIU-model as framework for analyzing science policy interactions in environmental and forest policy
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Marion	Karmann	Germany	Forest Stewardship Council - FSC International	Monitoring and evaluation of impacts of FSC forest management certification
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Herry	Purnomo	Indonesia	CIFOR and IPB	Linking Science and Policy: Changing policy maker behavior through action research in forest value chains
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Angel	Sol-Sanchez	Mexico	Academica	Territorial organization for sustainable forest use in Tabasco, Mexico
Forests for People	136 The knowledge that counts – analyzing science policy interactions in forest policy	Floribel	Paras	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos, College, Laguna, Philippines	The Power of Our Heritage: Implications of the Declaration of Mt. Makiling as an ASEAN Heritage Park
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Kundan	Kumar	Canada	University of Toronto	India's Forest Tenure Reform: Potential and Challenges for Democratizing Forest Governance
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Dodik Ridho	Nurrochmat	Indonesia	Department of Forest Management, Bogor Agricultural University	Promoting REDD+ through Community Forestry in Lombok Island, Indonesia

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Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Joram	Kagombe	Kenya	Kenya Forestry Research Institute	Role of devolved governance in enhancing incentives in Participatory Forest Management in Kenya
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Mani	Banjade	Nepal	Center for International Forestry Research	Understanding tenure security in the implementation of reforms: Clarifying concepts and methods
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	surin	onprom	Thailand	Faculty of Forestry, Kasetsart University	Forest tenure rights, REDD+ and Livelihoods in Thailand
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Aoife	Bennett-Curry	United Kingdom	CIFOR/Oxford University	Regional interpretations of Peru's national land tenure law: A missed opportunity for forest conservation and livelihoods
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Jacek	Siry	United States	University of Georgia	Today and Tomorrow of Private Forestry in Central and Eastern Europe
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Runsheng	Yin	United States	Michigan State University	China's Forest Tenure Reforms in the New Century: What Remains to Be Pursued and How to Get It Achieved?
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Neera	Singh	Canada	Faculty of Forestry	The Politics of Community Rights Recognition: Lessons from India's Forest Rights Act
Forests for People	16 Reforming forest tenure and governance for mitigating climate change and improving people's livelihoods	Rupa	Basnet-Parasai	Nepal	Nepal Law Campus	A Legal Analysis on Community's claim and access to carbon-fund
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Justine	Lacey	Australia	CSIRO	Social licence as social contract: Procedural justice, democracy and activism in the Australian forest industry
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	R.A (Al)	Gorley	Canada	BC Forest Practices Board	Obtaining and maintaining social licence to operate – British Columbia's quality assurance model
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Nicole	Klenk	Canada	University of Toronto	Gaining a social licence to practice the assisted migration of species in forestry
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Cassia	Sanzida Baten	Canada	Faculty of Natural Resources Management, Lakehead University	Forest Biomass Based Bioenergy Development at the Atikokan Power Generating Station: Local Perceptions and Public Opinions
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Sen	Wang	Canada	Canadian Forest Service	Managing Forests for the Greater Good: Evolutions in the Social Licence to Operate
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Stephen	Wyatt	Canada	Université de Moncton	First Nations and forestry companies in Canada: Possibilities and pitfalls of an informal "social licence" in a contested environment.
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Junior	Kalala	Congo, Democratic Republic of the	Réseau d'Initiatives pour la Nature et le Développement Régional en Afrique	The social aspect in forest management in the Democratic Republic of Congo
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Anne	Toppinen	Finland	University of Helsinki	Corporate responsibility development paths in the forest sector
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Luis	Neves Silva	Portugal	WWF International	New Generation Plantations: all forestry has to become social forestry
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Yamo	Antang	Cameroon	University of Yaoundé	Growth demands and humid forests: Impacts of big investments on forest stands in Cameroon
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	sufo kankeu	richard	Cameroon	CIFOR	Logging concessions and adaptive capacity on cross-roads: Case of local forest communities in southern Cameroon
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Katja	Lähtinen	Finland	Department of Forest Sciences/University of Helsinki	Collaboration opportunities in Corporate Social Responsibility (CSR) reporting for Finnish non-industrial private forestry (NIPF) and non-integrated sawmilling industry
Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	Kristiana Tri	Wahyudiyati	Indonesia	Forestry Research and Development Agency, Ministry of Forestry, Indonesia	The challenges in improving local people's livelihoods: Is CSR still effectively applicable? Lessons from South Kalimantan, Indonesia

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Forests for People	168 Communities, forests, forest industries and the Social Licence to Operate	ROSE JANE	PERAS	Philippines	UNIVERSITY OF THE PHILIPPINES LOS BANOS	The Socioeconomic Impacts of Smallholder Industrial Tree Plantations in the Philippines
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	bing	ye	China	Chinese Academy of Forestry	Long-term Monitoring of health effects of urban forests in Hangzhou, China
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Liisa	Tyrväinen	Finland		The Influence of Urban Nature Environments on Stress Relief — a Field Experiment
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Takahide	Kagawa	Japan	Forestry and Forest Products Research Institute	The spread of forest therapy in Japan.
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Yuko	Tsunetsugu	Japan	Forestry and Forest Products Research Institute	Physiological effects of wooden odors on humans: evidence from laboratory experiments
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Jeonghee	Lee	Korea, Republic of	Korea Forest Research Institute	A Study on the Healing Effect of Korean Forestry
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Eva-Maria	Nordstrom	Sweden	Swedish University of Agricultural Sciences. Department of Forest Resource Management.	Forests for wood production and human wellbeing – what are the trade-offs in long-term forest management planning?
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Ulrika K.	Stigsdotter	Sweden	University of Copenhagen	The Nature, Health & Design Lab – research on nature qualities
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Daniela	Biondi	Brazil	UFPR	The perception of internet users regarding to human health benefits provided by urban green areas
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Joleen	Timko	Canada	UBC Forestry - AFRICAD	An ecohealth approach to HIV/AIDS and forest resources in Malawi
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Adolfo Andrés	Hincapie	Colombia	University of Antioquia / Indigenous of Antioquia Organization	THE CHALLENGE OF SPATIAL REPRESENTATION OF SOCIO-ECOLOGICAL INTERACTIONS - THEORETICAL REFLECTION FROM A CASE STUDY.
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Petr	Filo	Czech Republic	Mendel University in Brno, Faculty of Forestry and Wood Technology, Department of Forest and Forest Products Technology	Comparison of ergonomic characteristics between forwarders with stationary and rotating cab
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Mika	Rekola	Finland	University of Helsinki	A cost-benefit framework for urban green areas in the case of intensifying urban development
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Katharina	Meyer	Germany	University of Göttingen, Forest Faculty, Department Nature Conservation and Landscape Planning	Analyzing the willingness for cooperation between forest and health experts in improving people's health in Germany
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Florence S.	Kuukyi	Ghana	Presbyterian University College-Ghana	PUBLIC PERCEPTION ON TRANSMISSION OF ZONOTIC DISEASES THROUGH BUSHMEAT CONSUMPTION
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Ervizal A.M.	Zuhud	Indonesia	Faculty of Forestry, Bogor Agricultural University (IPB)	Sovereignty of Indonesian Biodiversity Conservation and Health through Development of "Kampung Konservasi"
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Mari	Kawase	Japan	Graduate School of Agriculture, Kyoto University	A study of Japanese attitudes toward coniferous forests and pollen allergy
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Norimasa	TAKAYAMA	Japan	Forestry and Forest Products Research Institute in Japan	Influence of a scenery existence on site forest environment giving to the affect, subjective restorativeness and attention restoration.
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Iwao	UEHARA	Japan	Tokyo University of Agriculture	The effects of forest therapy utilizing regional abandoned forests in Japan
Forests for People	169 Forests and human health: The role of research towards evidence-based practice	Jeonghee	Lee	Korea, Republic of	Korea Forest Research Institute	Green spaces at the work place and allergic sensitization of office workers in the city and forest
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Tapan Kumar	Nath	Bangladesh	University of Chittagong	People's Dependency, Co-management and Forest Conservation: Case of a Protected Area in Bangladesh
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Hugues	AKPONA	Benin	National Forest Office, Benin	Spotted necked otters vs. fishermen in Hlan river, Benin): key ecological and socio-economic factors of a conflict.

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Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Ogoudje Isidore	AMAHOWE	Benin	National Forest Office of Benin	Transboundary protected areas management: Experience from W-Arly-Pendjari parks in West Africa
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Achille	Assogbadjo	Benin	University of Abomey-Calavi	Rodents as food sources in Lama forest reserve in Benin
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Chabi	DJAGOUN	Benin	Laboratory of Applied Ecology	Bovid responses to anthropogenic effects, habitat and environmental parameters in the Pendjari Biosphere Reserve (Northern Benin) during the dry season
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Emmanuel	Danquah	Ghana	Kwame Nkrumah University of Science and Technology	Integrating local communities to safeguard livelihoods and resolve conflicts in the Kakum Conservation Area, Ghana
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	sandeep	kumar	India	Forest Department	Efficient rescue and rehabilitation for wildlife, mitigation of human-wildlife conflict in coordination with local peoples of Gujarat in India
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Joel	Hartter	United States	University of Colorado	Parks, People, and Fragments: Protected Area Landscapes as Coupled Human and Natural Systems
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Md. Wasiul	Islam	Bangladesh	Khulna University	Co-management Approach to Protect the Protected Areas: Realistic or naive?
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Ogoudje Isidore	AMAHOWE	Benin	National Forest Office of Benin	Vegetation structure and tree diversity in habitats exploited by elephants in Benin (West Africa)
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Ogoudje Isidore	AMAHOWE	Benin	National Forest Office of Benin	Spatial and temporal analysis of Wildlife dynamic in Nazinga Game Ranch in Burkina Faso West Africa
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Chabi	DJAGOUN	Benin	Laboratory of Applied Ecology	Stable carbon isotope analysis of the diets of West African bovinds in Pendjari Biosphere Reserve (Northern Benin)
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	KPETERE	Josué	Benin	Ministère de l'environnement et des Forêts	Distribution, abundance and sociological importance of Hippopotamus in Benin West Africa
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	eric sylvain	KOSSOU	Benin	Laboratory of applied ecology	Identification and characterisation of the vegetation communities exploited by elephants (<i>Loxodonta africana africana</i>) in the Biosphere Reserve of Pendjari
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Méryas Dègbémabou	KOUTON	Benin	Centre National de Gestion des Réserves de Faune (CENAGREF)	From Participation to Power sharing in natural resources management: case of Pendjari Biosphere Reserve in BENIN, West Africa.
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Emmanuel	Danquah	Ghana	Kwame Nkrumah University of Science and Technology	Exploring opportunities for participatory wildlife management at the Bia Biosphere Reserve in western Ghana
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Edward D.	Wiafe	Ghana	Department of Environmental and Natural Resources Management, Presbyterian University College, Ghana	Wildlife Laws monitoring as an Adaptive Management tool in Protected Area Management in Ghana: a case of Kakum Conservation Area
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Edward D.	Wiafe	Ghana	Department of Environmental and Natural Resources Management, Presbyterian University College, Ghana	Evaluation of the Efficacy of Pepper-Grease Fence to Prevent Elephant Crop Raiding on Farms around Kakum National Park, Ghana
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Arya Arismaya	Metananda	Indonesia	Biodiversity Conservation Study Program, Graduate School, Bogor Agricultural University (IPB)	Society as the subject not an object "the community prosperous, sustainable forest": management strategy of Gunung Rinjani National Park

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Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Maheshwar	Dhakar	Nepal	Department of National Parks and Wildlife Conservation	Engagement of Local Communities in Trees and Tigers Conservation: An Experience of Chitwan National Park in Nepal
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Floribel	Paras	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos, College, Laguna, Philippines	Manning the Front Lines of Biodiversity Conservation: Developing Competency Standards for Protected Areas Management in the Philippines
Forests for People	174 Participatory protected area management at the human needs and sustainable wildlife conservation interface	Carmela G.	Taguam	Philippines	ERDB-DENR	Vegetable farmers' perception of Mts. Banahaw-San Cristobal Protected Landscape, Philippines
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Xin	Li	China	Shanghai Ocean University	International Forest Issues, FLEGT and Potential Directions
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Scott	Cettie	Germany	Albert-Ludwigs- Universität Freiburg - Institute of Environmental Social Sciences and Geography	Millions of Trees and Multiplicities of Meaning: On the Framing of 'Forests' in International Policy Discourse(s)
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Lukas	Giessen	Germany	Dep of Forest Policy, University Goettingen	Horizontal and vertical fragmentation of the international forest regime: (in)effective for who?
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Christoph	Kleinn	Germany		National forest monitoring programs as data providers to forest related policy processes:
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Jacqueline	Logmani	Germany	University of Goettingen/Forestpolicy	A comparative study of International Forest Policy Issues in Germany, Poland and Sweden
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Stoll	Peter-Tobias	Germany	University of Göttingen	If so, how many forest conventions do we need?
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Berit H	Lindstad	Norway	Norwegian University of Life Sciences	International forest policy: Who is to define the objectives and the evaluation criteria?
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Peter	Edwards	Sweden	Swedish University of Agricultural Sciences	Building the analytical toolkit in international forest policy: Social psychology and the Value-Belief-Norm Theory
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Richard	Harper	Australia	Murdoch University	Continued evolution of Australian forest-climate change policies
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Yuechen	Liang	China	College of Economics and Management, Northeast Forest University	Impact Analysis on the China's Forestry Economic Policy from the Consensus Reached on the Forest Related Climate Conferences
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Muhammad Alif Kaimuddin	Sahide	Germany	Chair of Forest and Nature Conservation Policy, University of Goettingen	COMPLEX NATIONAL LAND USE ADMINISTRATION FOR STEERING OF TROPICAL LOWLAND RAINFOREST TRANSFORMATION SYSTEMS IN SUMATRA - FORMAL RESPONSIBILITIES OF BUREAUCRACIES
Forests for People	188 Ineffective international forest policy? The role of forest information, international law and politics	Agung	Wibowo	Germany	University of Goettingen	Authority Changing in Indonesian Forest Governance
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Ronald	Casas Ramírez	Colombia	Universidad de Manizales	Non-wood forest products and sustainable rural development in the protected forest reserve of La Chirle, Bolívar Santander Colombia
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Jiri	Woitsch	Czech Republic	Institute of Ethnology ASCR	Bohemian Forest: From forest wilderness to cultural landscape and back
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	mauro	agnoletti	Italy	GESAAF-University of Florence	The Italian National Register of Historical Rural Landscapes
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	FABIO	SALBITANO	Italy	GESAAF - UNIVERSITY OF FLORENCE	"Sustainable" ecological history? A Story of forest management practices out of the official silviculture along 1000 years of landscape dynamics
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Asako	Miyamoto	Japan	Forestry and Forest Products Research Institute	Historical investigation of forest landscapes and their various uses in the early 20th century, based on national forest management plans
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Adebayo John	Julius	Nigeria	Forestry Research Institute of Nigeria	Influence of Culture on Greening the Environment in Ido Local Government Area of Ibadan, Nigeria
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Andrey	Laletin	Russian Federation	Friends of the Siberian Forests	SACRAL KNOWLEDGE AND TRADITIONAL USE OF NATURE OF INDIGENOUS PEOPLES OF ASIAN RUSSIA
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Yingshan	Lau	Singapore	Human Ecology Practice Area, Vietnam	Re-presenting Ecological Traditional Knowledge: a case for ethnic minority empowerment in the mountainous regions of Vietnam

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Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Haruna	Mustapha	Chile	Universidad Austral de Chile	Challenges to indigenous community forests in Chile: voices from the Manuel Curilef community
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Antoine	SAMBOU	Denmark	University of Copenhagen	Assessing the impact of changes in biodiversity on food security of local communities: the case of the Fatick province, Senegal
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Renzo	Motta	Italy	Università degli Studi di Torino, DISAFA	Legacies of historical land use on present forest structure in mixed beech-silver fir forests in Northern Apennines
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Chiho	Kamiyama	Japan	United Nations University	Contributions to human well-being from sharing ecosystem services through non-market social networks in Satoyama landscapes
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Oyetayo	Oyelowo	Nigeria	Forestry Research Institute of Nigeria	The Trees in the Sacred Groves of the Yorubas, Southwestern Nigeria
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Vladimir	Bocharnikov	Russian Federation	Pacific Institute of Geography FEB RAS, Vladivostok, Russia	Protection of biodiversity and traditional lifestyles of indigenous peoples of Southern Siberia
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Katarina	Merganicova	Slovakia	TU Zvolen	Human impact on the land cover in the area surrounded by the centres of past mining
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Janice	Bossart	United States	Southeastern Louisiana University	Indigenous forest reserves: conservation of forest butterfly biodiversity in small forest patches.
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Vachel	Carter	United States	University of Utah	Disturbance History of the Medicine Bow Range, Wyoming, Using Historical Documents, Contemporary Forest Inventory, and Lake Sediment Cores
Forests for People	189 Linking landscape, forests and people: The historical roots of biocultural diversity	Francia	Medina	Venezuela	Universidad Central de Venezuela	Evergreen borders: shirian forest related and territory knowledge
Forests for People	190 Value of traditional knowledge for sustainable forest management	Rodrigue	Idohou	Benin	Laboratory of Applied Ecology	Sustainable conservation of biodiversity in home gardens: Traditional knowledge, use patterns and implications for management
Forests for People	190 Value of traditional knowledge for sustainable forest management	Salfo	Savadogo	Burkina Faso	Université de Ouagadougou	Contribution of sacred woodlands in adaptation and attenuation of climate changes
Forests for People	190 Value of traditional knowledge for sustainable forest management	William Armand	Mala	Cameroon	University of Yaoundé I	Governance of knowledge systems in developing adaptive forest-agriculture innovations
Forests for People	190 Value of traditional knowledge for sustainable forest management	Yaofeng	Luo	China	Northwest Agriculture and Forestry University	Linking local traditional biodiversity conservation knowledge to combat Rocky desertification in KARST area in southwest China
Forests for People	190 Value of traditional knowledge for sustainable forest management	Juanwen	Yuan	China	Guizhou University of Finance and Economics	Gender and traditional forest-related knowledge in China--a case from minority people in Guizhou province
Forests for People	190 Value of traditional knowledge for sustainable forest management	Tobias	Plieninger	Denmark	University of Copenhagen	The role of traditional forest management on local livelihoods in Northern Zagros oak forests of Iran
Forests for People	190 Value of traditional knowledge for sustainable forest management	Medha	Kant	India	University of Delhi	Can the traditional knowledge be prevented from being TRIPped?
Forests for People	190 Value of traditional knowledge for sustainable forest management	Nining	Liswanti	Indonesia	Center for International Forestry Research	Can local wisdom be used in forest conservation around national park?. The case in Seram Island, Central Mollucas, Indonesia
Forests for People	190 Value of traditional knowledge for sustainable forest management	Yaw Agyeman	BOAFO	Japan	United Nations University-Institute for Sustainability and Peace	Declining Traditional Ecological Knowledge and Implications on Ecosystem Service Utilization and Management in Disaster Prone Savannah Areas of Northern Ghana
Forests for People	190 Value of traditional knowledge for sustainable forest management	In-Ae	Kim	Korea, Republic of	Korea Forest Research Institute	What Makes Traditional Knowledge communicable for Sustainable Forest Management
Forests for People	190 Value of traditional knowledge for sustainable forest management	YOUN	Sojin	Korea, Republic of	Seoul National University	Would traditional forest knowledge be useful for urban ecological restoration?
Forests for People	190 Value of traditional knowledge for sustainable forest management	Theresa	Muthu	Malaysia	Universiti Malaysia Sabah	Indigenous people and their traditional knowledge on tropical plant utilization: a case study of Murut communities of Sabah, Borneo
Forests for People	190 Value of traditional knowledge for sustainable forest management	Héctor Leonardo	Martínez Torres	Mexico	Universidad Nacional Autónoma de México	Uses and management of fire by rural communities in Coniferous Forest in the Monarch Biosphere Reserve, Mexico
Forests for People	190 Value of traditional knowledge for sustainable forest management	Folaranmi	Babalola	Nigeria	University of Pretoria/University of Ilorin	Threats to Indigenous Beliefs and Cultural Practises used in Forest Protection: Case study from Southwest Nigeria
Forests for People	190 Value of traditional knowledge for sustainable forest management	BERTHA	ALVARADO	Peru	PERUVIAN NATIONAL FORESTRY AUTHORITY	Traditional Forest-Related Knowledge and Community Forest and Community Forest Management in Peru

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Forests for People	190 Value of traditional knowledge for sustainable forest management	Leni	Camacho	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos	Value of Traditional Knowledge in Sustainable Forest Management
Forests for People	190 Value of traditional knowledge for sustainable forest management	Mohammed	Mohiuddin	Bangladesh	Bangladesh Forest Research Institute	Contribution of tribal women in biodiversity conservation and ecosystem restoration in the Bandarban Hill District of Bangladesh
Forests for People	190 Value of traditional knowledge for sustainable forest management	Hermann	HONFO	Benin	Laboratory of Applied Ecology	An assessment of the roles of traditional ecological knowledge in the sustainable management of the bamboo species in Benin
Forests for People	190 Value of traditional knowledge for sustainable forest management	Emmanuel	SUKA	Cameroon	Ministry of Environment, Protection of Nature and Sustainable Development	Impact of Falling Culture and Indigenous Knowledge on Forest Conservation in South West Cameroon
Forests for People	190 Value of traditional knowledge for sustainable forest management	Md. Mohitul	Hossain	Germany	MSc European Forestry Student, University of Freiburg	Species diversity and management techniques of Village Common Forests: A case study from Bandarban, Bangladesh
Forests for People	190 Value of traditional knowledge for sustainable forest management	Somidh	Saha	Germany	University of Freiburg	Traditional knowledge is trivial for managing mountain natural resources: a case study from the Eastern Himalaya
Forests for People	190 Value of traditional knowledge for sustainable forest management	Kwakye	Ameyaw	Ghana	Forestry Commission	Forest Biodiversity Conservation Strategies within the Traditional Sacred Grove Concept: Case Study in Ghana
Forests for People	190 Value of traditional knowledge for sustainable forest management	Chandrakant	Salunkhe	India	Post Graduate Center of Botany, Krishna Mahavidyalaya	Sacred Groves in Northern Western Ghats, India : A Rich Repository of Forest Resources for Local Livelihood
Forests for People	190 Value of traditional knowledge for sustainable forest management	Brajesh	Tiwari	India	North-Eastern Hill University, Shillong	Biodiversity conservation value of traditionally managed agroforests of south Meghalaya, north-east India
Forests for People	190 Value of traditional knowledge for sustainable forest management	Bhagwati	Uniyal	India	Navdanya	Empowering rural community through natural and social resource management in Garhwal Himalaya, Uttarakhand, India
Forests for People	190 Value of traditional knowledge for sustainable forest management	dina	oktavia	Indonesia	Department of Silviculture, Faculty of Forestry, Bogor Agricultural University	DIVERSITY OF MEDICINAL PLANTS IN HEATH FOREST ON BILLITON ISLAND, INDONESIA
Forests for People	190 Value of traditional knowledge for sustainable forest management	Martha Ekawati	Siahaya	Indonesia	Polytechnics of Agriculture, Samarinda	SHIFTING CULTIVATION: TRADITIONAL ECOLOGICAL KNOWLEDGE OF THE DAYAK PEOPLE IN EAST BORNEO INDONESIA
Forests for People	190 Value of traditional knowledge for sustainable forest management	Herwasono	Soedjito	Indonesia	Research Center for Biology - LIPI	Valuing Traditional Knowledge for Conserving Biodiversity in Indonesia
Forests for People	190 Value of traditional knowledge for sustainable forest management	Shinya	TAKEDA	Japan	ASAFAS, Kyoto University	Mapping a full cycle of swidden cultivation in Laos
Forests for People	190 Value of traditional knowledge for sustainable forest management	Koo	Ja-Choon	Korea, Republic of	Seoul National University	Trends in research on Forest Traditional Knowledge using social network analysis
Forests for People	190 Value of traditional knowledge for sustainable forest management	Floribel	Paras	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos, College, Laguna, Philippines	The Values of Traditional Knowledge and Practices of Nipa Production to Sustainable Forest Management in Cortes, Bohol, Philippines
Forests for People	190 Value of traditional knowledge for sustainable forest management	ROBERT	RODOLFO	Philippines	KALINGA-APAYAO STATE COLLEGE	Assessment of the Indigenous Forest Management System of the Iturkaw in Tulgao, Tinglayan, Kalinga, Philippines
Forests for People	190 Value of traditional knowledge for sustainable forest management	PAXIE	CHIRWA	South Africa	UNIVERSITY OF PRETORIA	The status of restoration practices in degraded landscapes of Southern Africa
Forests for People	190 Value of traditional knowledge for sustainable forest management	Hodabalo	KAMOU	Togo	Lobotory of Botanic and Ecology (University of Lome)	Diversity of macromycetes edible mushrooms and ethnomycological study nearby of Kotocoli population (Togo, West Africa)
Forests for People	190 Value of traditional knowledge for sustainable forest management	Balgis	Osman-Elasha	Tunisia	African development Bank	Making REDD+ work for Africa: The role of traditional knowledge
Forests for People	190 Value of traditional knowledge for sustainable forest management	Samson	Gwali	Uganda	National Forestry Resources Research Institute	Folk classification and characterization of shea tree (<i>Vitellaria paradoxa</i>) in Uganda: Implications for its conservation and breeding
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	BELEM	Bassirou	Burkina Faso	Centre National de Semences Forestières	Conservation of <i>Bombax costatum</i> Pel. & Vuil. in agricultural production systems of the Central Plateau, Burkina Faso
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Blandine Marie Ivette	NACOULMA	Burkina Faso	Laboratory of Plants Biology and Ecology, University of Ouagadougou	Impact of bark and foliage harvesting on fruit production of the multipurpose tree species, <i>Azelia africana</i> in Burkina Faso
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Susana	Benedetti	Chile	Instituto Forestal de Chile	Recovery of boldo (<i>Peumus boldus</i>), specie of high value in the field of the NWFP through intensive management

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Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Kelly Tatiana	Bocanegra-Gonzalez	Colombia	Universidad del Tolima	Ethnobotany of palms (Arecaceae) in communities of Bajo Calima, Colombia
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Adolfo	Núñez Barrizonte	Cuba	Instituto de Investigaciones Agro-Forestales	Management criteria for non-wood forest products of vegetable origin of importance in the sociocultural context
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Rikke	Thorsen	Denmark	University of Copenhagen	Natural resources for human health: the reliance on medicinal plants for health care in rural Nepal
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Beatrice	Darko Obiri	Ghana	Forestry Research Institute of Ghana	The economic consumptive value of forests: evidence from the Wet and Dry Forest Zones of Ghana
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Susan	Salosa	Indonesia	Forest Research Institute of Manokwari, West Papua, Indonesia	SAGO FOREST MANAGEMENT AND INVESTMENT OPPORTUNITIES IN SPECIAL AUTONOMY ERA IN WEST PAPUA, INDONESIA
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Ryo	Kohsaka	Japan	Kanazawa University	Traditional Knowledge of Mushroom Production in Changing World — Case of Noto-Temari and dried shiitake-mushroom in Oku-noto Area, Japan
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Ayo	Aiyelaja	Nigeria	University of Port Harcourt, Nigeria	POTENTIALS OF Raphia hookeri WINE IN LIVELIHOOD SUSTENANCE AMONG RURAL AND URBAN POPULATIONS IN NIGERIA
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	FERNANDO	MARTÍNEZ-PEÑA	Spain	CESEFOR FOUNDATION	Integrating mycological resources in forest management, regional policies and regulations: A 12-year balance of the Program of Forest Mycology in Castilla y León (Spain).
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Wouyo	ATAKAMA	Togo	University of Lomé, Laboratory of Botany and Plant Ecology	Quantitative approach of Sterculia setigera Del. (Sterculiaceae) ethnobotanical uses among rural communities in Togo (West Africa)
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Faten	Mezni	Tunisia	INRGREF	Biological properties of a non wood forest product (Pistacia lentiscus fixed oil) growing in Tunisia
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Stryamets	Nataliya	Ukraine	Swedish university of agricultural sciences	Non-wood forest products in a context of sustainable forest management: case studies in Ukraine, Russia and Sweden
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	James	Chamberlain	United States	USDA Forest Service	Co-Managing Appalachian Hardwood Forests for Timber and Non-Timber Products
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Sarah	Laird	United States	People and Plants International	Food as Culture and Nature: Revitalizing forest traditions in SE Asia and Cameroon
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Sayma	Akhter	Bangladesh	School of Environment, Natural Resources and Geography, Bangor University, UK.	A New Look at Wild Fruit Species: Implications for Conservation
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Emeline P.S.	ASSEDE	Benin	University of Abomey-Calavi/Laboratory of Applied Ecology	Importance of Pseudocedrela kotschy and Mitragyna inermis in well being of communities in sudanian zone of Benin
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Chabi	DJAGOUN	Benin	Laboratory of Applied Ecology	Mammal trade for zootherapeutic and mythic purposes in Benin (West Africa): Capitalizing species involved, provision sources and implications for conservation
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Thierry	Houehanou	Benin	Laboratory of Applied Ecology, University of Abomey Calavi	Use quantitative method for estimating local preferred uses of three multipurpose tree species in Benin (West Africa)
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Luiz Carlos Estraviz	Rodriguez	Brazil	University of Sao Paulo	Sustainable management of Copaiba (Copaifera spp.) for oil production: definition of an optimal rotation
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Amadé	OUEDRAOGO	Burkina Faso	University of Ouagadougou	Potentials for promotable oil products identified by traditional knowledge on native trees in Burkina Faso
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Issaka	OUEDRAOGO	Burkina Faso	Laboratoire de Biologie et Ecologie Végétales/Université de Ouagadougou	Are the most abundant species used by local people?
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Josseline Landry	DOUANJUN TSONANG	Cameroon	University of Yaoundé I	Non-timber forest Products management by Moundang, Guiziga, Toupouri and Musgum tribes in the Far-North Cameroon.
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Emmanuel	SUKA	Cameroon	Ministry of Environment, Protection of Nature and Sustainable Development	Protecting Forest and Medicinal Plant Resources: A Legal Brief on Prunus africana

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Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Emmanuel	SUKA	Cameroon	Ministry of Environment, Protection of Nature and Sustainable Development	Saving Blood fruit and Monkey cola from Disappearing in Cameroon's Forest
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Patricio	Chung	Chile	Instituto Forestal de Chile	Analysis of the variability of fruits of Peumo (<i>Cryptocarya alba</i> (Mol.) Losser) in the Bio Bio region, Chile.
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Zaizhi	Zhou	China	Research Institute of Tropical Forestry, Chinese Academy of Forestry	Strategies and practices to grow non-wood forest product species in degraded hilly area of southern China
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Martin Reinhardt	Nielsen	Denmark	University of Copenhagen	Determinants and global patterns of bushmeat hunting
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Tytti	Sarjala	Finland	the Finnish Forest Research Institute	Endophytic Fungi as a Source of Bioactive Compounds
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	ISHTIYAK AHMAD	PEERZADA	India	FACULTY OF FORESTRY, SHERE KASHMIR UNIVERSITY OF AGRICULTURE SCIENCES & TECHNOLOGY, KASHMIR (J&K) INDIA	Contribution of NTFPs in Livelihood and Carbon Management in Moist Temperate Forests of Kashmir Valley, India
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Wahyudi	David	Indonesia	Universitas Bakrie	Dietary Pattern of Indigenous People, Local People and Immigrant In the Vicinity of Harapan Rainforest – Indonesia
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Budi	Leksono	Indonesia	Center for Forest Biotechnology and Tree Improvement, Yogyakarta	Coumarins Content of Seed and Crude Oil of <i>Calopyllum Inophyllum</i> From Forest Stands in Indonesia
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Enny	WIDYATI	Indonesia	FORDA-INDONESIA	Contradictive "Dragon Blood" Rattan: Promising People Livelihood, Conversely, Species in the Doorway of Extinction
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Mehrdad	Akbarzadeh	Iran	Agronomy Dept., Miyaneh branch Islamic Azad University, Miyaneh, Iran	Comparing the potential of Black Pine essence for use in pharmaceutical industries (Case study: Ardebil and Guilan provinces, North Iran)
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Aïssa	AMADOU	Niger	Laboratory Garba Mounkaila of University Abdou-Moumouni	Diversification of Non Timber Forest Products plants in Torodi department and implications for species use policies in Niger (West Africa).
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Oghenekevwe Joy	Arabomen	Nigeria	forestry research institute of nigeria	Profitability Analysis of Commercial Processing of <i>Vitellaria Paradoxa</i> on Livelihood of Rural Dwellers in Savanna Area of Oyo State.
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Adedunmola abosede	Ayomide	Nigeria	forestry research institute of nigeria	BEEKEEPING AS A SOURCE OF LIVELIHOOD STRATEGY IN OYO STATE, NIGERIA
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Kikelomo	Kola-Oladji	Nigeria	FRIN	LIVELIHOOD SUSTENANCE POTENTIALS OF HERBAL MEDICINE IN RURAL AREAS OF ABIA STATE, NIGERIA
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Adekunle	Oladele	Nigeria	University of Port Harcourt, Nigeria	FOREST LEAFY VEGETABLES MARKETING AND SUSTAINABLE RURAL LIVELIHOOD IN RIVERS STATE, NIGERIA
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Johnson Adeyinka	Olusola	Nigeria	Federal University of Technology P.M.B. 704, Akure, Nigeria.	Ethnobotanical Survey and Documentation of Medicinal Plants in Wildlife Park of Federal University of Technology, Akure, Nigeria.
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Quadri	Onilude	Nigeria	Forestry Research Institute of Nigeria, P.M.B 5054, Jericho Hill, Ibadan, Oyo State, Nigeria.	Assessment of Honey (NTFP) and its utilization on the Rural livelihoods in the Rainforest Ecological zone of Nigeria
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Farrah Indira	Galindo Jara	Peru	Universidad Nacional Agraria La Molina	EVALUATION OF THE SAPOTE FRUIT (<i>Capparis scabrifolia</i> H.B.K) IN RELATION TO THE TREE'S CHARACTERISTICS, FROM HUMEDADES COMMUNITY, MOTUPE, LAMBAYEQUE-PERÚ
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Mariche	Bandibas	Philippines	Ecosystems Research and Development Bureau	Forest Community and Ethnomedicinal Study towards Conservation of an Ancestral Area at Naawan, Misamis Oriental
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Akouèthè	AGBOGAN	Togo	Laboratoire de Botanique et Ecologie Végétale, Université de Lomé	Quantitative ethnobotany of two edible fruit trees: <i>Sclerocarya birrea</i> (A.Rich.) Hochst. and <i>Lannea microcarpa</i> Engl. & K.Krause
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Damigou	BAMMITE	Togo	Plant Physiology and Biotechnology, University of Lomé	Seeds germination and propagation by cuttings of <i>Haematostaphis barteri</i> Hook.F., <i>Lannea microcarpa</i> Engl. & K. Krause and <i>Sclerocarya birrea</i>

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Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Kudzo Atsu	Guelly	Togo	University of Lome	Pentadesma Butyracea Sabine (Clusiaceae): a multipurpose tree on the Atakora range of Togo
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Jeff	Rose	United States	Davidson College	Marijuana Cultivation in U.S. National Forests: Complex Forest Management Systems for Ecosystem Health and Visitor Safety
Forests for People	192 The value and challenges of integrating food and medicinal forest products into forest management	Lameck	Chagonda	Zimbabwe	University of Zimbabwe	Zimbabwe Medicinal and Food Plants: Unlocking Forests Potential of Natural Products for Conservation, Agro-industries, Sustainable Health and Poverty Alleviation
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Achille	Assogbadjo	Benin	University of Abomey-Calavi	Biodiversity and socioeconomic factors supporting farmers' choice of wild edible trees in the agroforestry systems in Benin (West Africa)
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Valere	Salako	Benin	Laboratory of Applied Ecology	Impact of traditional agroforestry systems practices on conservation effectiveness of useful trees: case study of Borassus aethiopum Mart. in Benin
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	BANDI	Wylliam's	Cameroon	University of Yaoundé I	Multiple uses and values of commercial timber tree within shifting agricultural landscape mosaic systems
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Anique	Hillbrand	Germany	Bangor University	Indigenous Agroforestry Systems under Pressure - The Case of Gedee Agroforestry and its Value to Farmers' Livelihoods, Ethiopia
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Emmanuel	Acheampong	Ghana	Kwame Nkrumah University of Science and Technology, Ghana	On-Farm Tree Planting in Ghana's High Forest Zone: Promoting Sustainable Livelihoods for Smallholders through Reforestation Initiatives
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Isaac	Nunoo	Ghana	Kwame Nkrumah University of Science and Technology	Sustaining Ghana's Forest Cover: Evidence Cocoa Agroforestry System
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Rajni	Sharma	India	Department of Forestry and natural Resources, PAU Ludhiana 141004	Profitability of on-farm adoption of short rotation forestry - A case study
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	KUNHAMU	TK	India	College of Forestry, Kerala Agricultural University	Multipurpose trees based black pepper (Piper nigrum. L.) production systems in Kerala, India: Biomass production, carbon sequestration and nutrient fluxes
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	BUDI HADI	NARENDRA	Indonesia	Research and Development Center for Conservation and Rehabilitation, Ministry of Forestry, Indonesia	Underutilized and promising fruit tree species to enhance productivity of traditional agroforestry system through participatory domestication in West Java, Indonesia
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Seline	Meijer	Ireland	University College Dublin	Attitudes and behaviour towards on-farm tree planting among smallholder farmers in Malawi
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Zhenzi	Li	Korea, Republic of	Renmin University of China	Traditional Forest Management System from Landscape Perspective in Dong Minority Villages: a Case from S village in China
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Jonathan Chukwujekwu	Onyekwelu	Nigeria	Federal University of Technology, Akure	Conservation and socio-economic importance of some Agroforestry fruit tree species: Farmers' participation, tree growth characteristics and market assessment
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Elizabeth	MONGES	Paraguay	Universidad Nacional de Asuncion	Small holder tree planting in Paraguay: comparative study of influencing factors and contribution to household income
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Valentina	Robiglio	Peru	ICRAF	On-farm trees management Drivers of in smallholder landscapes of Southern Cameroon.
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Coert	Geldenhuis	South Africa	Forestwood cc associated with Dept Forest & Wood Science, Stellenbosch University	REDD+ versus practical silvicultural management for rural society benefits in Miombo woodlands, southern Africa

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Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Natalie	Ceperley	Switzerland	Ecole Polytechnique Fédérale de Lausanne (EPFL)	Sclerocarya birrea's value as an agroforestry tree as seen through a high tech science compared with local knowledge, Burkina Faso
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Jean Didier	Akpona	Benin	Laboratory of Applied Ecology	Impact of Land Use Practices on Traits and Production of Shea Butter Tree (<i>Vitellaria paradoxa</i> C.F. Gaertn.) in Benin
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Merveille Koissi	SAVI	Benin	Laboratory of Applied Ecology	Endogenous perception of variation in fruits traits of <i>Blighia sapida</i> K.D. Koënik in the Sudanian zone of Benin
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Richard	Eba'a Atyi	Cameroon	CIFOR	The vital role of stallholder initiatives in forest restoration and reforestation: the case of Cameroon
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Hussein	Aly	Egypt	Forestry Dept.Alexandria University	Stem Analysis of <i>Juniperus phoenicea</i> Grown in Al-Jabal El-Akhdar, Libya
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	David Anokye	Asamoah	Ghana	International Assistance for Community Development(INACOD) Ghana	Combating Desertification through the development of an enterprise - focused apiforestry niche in Kenya
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Pratibha	Bhatnagar	India	State Forest Research Institute, Polipathar, Jabalpur, M.P.	BOSWELLIA SERRATA GUM OLEO RESIN AND ITS CONTRIBUTION TO RURAL ECONOMY OF SHEOPUR DISTRICT OF CENTRAL INDIA
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Pratibha	Bhatnagar	India	State Forest Research Institute, Polipathar, Jabalpur, M.P.	TRADITIONAL SILVICULTURE THROUGH BUTEA MONOSPERMA: A MULTIPURPOSE TREE SPECIES IN BALAGHAT, INDIA
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Sandeep	Sehgal	India	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, India	Traditional agroforestry practices and farmers perceptions about trees on farm in Shivalik foothills
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	BUDI HADI	NARENDRA	Indonesia	Research and Development Center for Conservation and Rehabilitation, Ministry of Forestry, Indonesia	Recovering degraded forest area using agroforestry practice: case study on area of former Mount Batur eruption, Bali (Indonesia)
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Hesti L	Tata	Indonesia	Forest Research and Development Agency	Domestication of <i>Dyera polyphylla</i> in peatland agroforestry systems in Jambi and Central Kalimantan, Indonesia
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Guadalupe Geraldine	García	Mexico	UMSNH	AGROFORESTRY SYSTEMS TO REHABILITATION FOREST VOCATION LANDS IN MICHOACÁN, MÉXICO
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Tanka Prasad	Barakoti	Nepal	Nepal Agricultural Research Council	Conservation and Utilization of Nepalese Forests Through Cultivation of Fodders and Medicinal Plants
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Bosede	Akinwalere	Nigeria	Federal University of Technology Akure	Determinants of Adoption of Agroforestry Practices among Farmers in South West Nigeria
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Oghenekevwe Joy	Arabomen	Nigeria	forestry research institute of nigeria	Livelihood Potential of <i>Moringa Oleifera</i> Tree and its Role in Food Security and Health Care in Nigeria
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Oluwasanjo	Okunlola	Nigeria	University of Ibadan & College of Agriculture Igbo-ora Oyo state	Agroforestry Landuse Survey In The Three ETSAKO Local Government Areas Of Edo State, Nigeria
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Ioryisa	Verinumbe	Nigeria	University of Agriculture Makurdi	Evaluation of Tree Species for Agroforestry Development in the Sudan Sahel Region of Nigeria.

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Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Germán	Correa	Peru	Universidad Nacional Amazónica de Madre de Dios	SEED PRODUCER CANDIDATE TREE SELECTION OF Bertholletia excelsa H. B. K. IN DEGRADED AREAS AND FOREST FRAGMENTS, PERU SOUTHEAST AMAZON
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	David	Rodolfo	Philippines	Apayao State College	Crop Diversity of Upland Farms in Apayao Province
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Deepani	Alawathugoda	Sri Lanka	Forest Department, Sri Lanka	On farm teak (Tectona grandis) for better growth: Integration with agriculture farming
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Secilia	Kessy	Tanzania	Sokoine University of Agriculture	Participatory Inverstigation of the Interaction Between Sclerocarya Birrea and Intercrops in Kilosa District, Tanzania.
Forests for People	200 On farm trees: towards the promotion and development of a traditional or local silviculture in tropical and subtropical forest regions	Koutchoukalo	Aleza	Togo	University of Lome (Togo)	STRUCTURE AND REGENERATION STATUS OF VITELLARIA PARADOXA AGROFORESTS UNDER DIFFERENT LAND MANAGEMENT IN NORTHERN BENIN (WEST AFRICA)
Forests for People	209 From data to knowledge, geospatial tools and information access	Alejandro	Coca Castro	Colombia	International Center of Tropical Agriculture	Ground-truthing validation for a near real time deforestation monitoring system in the Ucayali Region, Peru
Forests for People	209 From data to knowledge, geospatial tools and information access	MOSCHOS	VOGIATZIS	Greece	NATIONAL CADASTRE AND MAPPING AGENCY S.A.	A FOREST LANDS INFORMATION SYSTEM IN SUPPORT OF SUSTAINABLE MANAGEMENT AND USE OF FORESTS
Forests for People	209 From data to knowledge, geospatial tools and information access	Gillian	Petrokofsky	United Kingdom	University of Oxford	Bringing the science back into literature reviews of science
Forests for People	209 From data to knowledge, geospatial tools and information access	Kevin	Halverson	United States	US Forest Service	Toward an Enterprise Vegetation Information System: US Forest Service, Intermountain Region
Forests for People	209 From data to knowledge, geospatial tools and information access	Adam	Kochanski	United States	University of Utah	A coupled weather and wildland fire forecasting system with assimilation of satellite remote sensing data
Forests for People	209 From data to knowledge, geospatial tools and information access	Charlie	Schrader-Patton	United States	USDA Forest Service RSAC	Western U.S. Climate Change GeoBrowser
Forests for People	209 From data to knowledge, geospatial tools and information access	Brian	Schwind	United States	USDA FS	Landscape Change Monitoring System to support all lands and owners for CONUS, Hawaii and Alaska
Forests for People	209 From data to knowledge, geospatial tools and information access	Felipe	Petean	Brazil	Quantitative Methods Center, Forest Science Department, Luiz de Queiroz School of Agriculture, University of São Paulo (USP). Pádua Dias avenue, 11, PO Box 9, 13418-900 Piracicaba, São Paulo, Brazil. Tel. +55 19 2105 8649	Use of LiDAR technology to create a management plan for an urban park in Belo Horizonte, Minas Gerais, Brazil.
Forests for People	209 From data to knowledge, geospatial tools and information access	Ana Laura	Trindade	Brazil	Serviço Florestal Brasileiro (Brazilian Forest Service)	Forest Information in Brazil: evolution and strengthening
Forests for People	209 From data to knowledge, geospatial tools and information access	Louis	Reymondin	Colombia	International Center of Tropical Agriculture	Terra-i: An initiative to monitor forests and other natural covers based on the use of geospatial tools
Forests for People	209 From data to knowledge, geospatial tools and information access	Carlos	de Wasseige	Congo, Democratic Republic of the	Observatoire des Forêts d'Afrique Centrale	Observatory for Forest of Central Africa : the tool for local data collection and regional reporting.
Forests for People	209 From data to knowledge, geospatial tools and information access	Hunggul Y.S.H	Nugroho	Indonesia	Forestry Research Institute of Macassar, Forestry Resaerch and Development Agency, Indonesian Ministry of Forestry	MODELLING REASONABLE CONVERSION OF FOREST LAND TO AGRICULTURE : CASE STUDY IN KENDILO SUB WATERSHED, EAST KALIMANTAN
Forests for People	209 From data to knowledge, geospatial tools and information access	Nicola	La Porta	Italy	The EFI Project Centre on Mountain Forests (MOUNTFOR), Edmund Mach Foundation,	The contribution of historical vegetational database recovering to study the forest biodiversity in Trentino (Italy).
Forests for People	209 From data to knowledge, geospatial tools and information access	Stanko	Trifkovic	Japan	Graduate School of Informatics, Kyoto University	Use of 360° panoramic stereo photography in forest inventories: sampling designs, spatial distribution and hidden trees
Forests for People	209 From data to knowledge, geospatial tools and information access	Goossen	Martin	Netherlands	Alterra	Landscape preferences: Forest and diversity

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Forests for People	209 From data to knowledge, geospatial tools and information access	Tim	Payn	New Zealand	Scion	Integrating a Forest Ecosystem Services Finder in WEFES, a Web Based Explorer for Forest Ecosystem Services
Forests for People	209 From data to knowledge, geospatial tools and information access	Edwin	Combalicer	Philippines	University of the Philippines Los Banos	Development of an Automated Watershed Information Networks for the Philippines
Forests for People	209 From data to knowledge, geospatial tools and information access	Valentin	Shalaev	Russian Federation	MSFU	Global Forest Information Service (GFIS) in Russia.
Forests for People	209 From data to knowledge, geospatial tools and information access	Oliver	Bridle	United Kingdom	Radcliffe Science Library, University of Oxford	Maintaining Forestry Archives for the Future
Forests for People	209 From data to knowledge, geospatial tools and information access	Cody	Cox	United States	Auburn University	Using Public Participation Geographic Information Systems (PPGIS) to Identify and Bundle Ecosystem Services to Enhance Conservation Efficiency
Forests for People	209 From data to knowledge, geospatial tools and information access	Carla	Heister	United States	Yale University	Embed a Librarian in Your Research Group
Forests for People	209 From data to knowledge, geospatial tools and information access	Alexander	Koltunov	United States	University of California - Davis	From data to knowledge – faster: GOES Early Fire Detection system to inform operational wildfire response and management
Forests for People	209 From data to knowledge, geospatial tools and information access	Hobie	Perry	United States	USDA Forest Service	Forest atlas of the United States
Forests for People	209 From data to knowledge, geospatial tools and information access	Dave	Vanderzanden	United States	USDA FS	Providing critical geospatial information through enterprise systems - A USFS experience
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Fabricia	Benda de Oliveira	Brazil	UFES	DEFINITION OF PRIORITY AREAS FOR USE PUBLIC, IN A CONSERVATION AREA IN BRAZIL, USING TECHNIQUES GEOPROCESSING
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Liisa	Tyrväinen	Finland		Towards sustainable growth in nature-based tourism destinations: clients' views of land use options in Finnish Lapland
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Nobuhiko	Tanaka	Japan	Tokai University School of Tourism	A method to detect spatiotemporal changes of tourism/recreational potential in nature-based areas - With several case studies in Japan-
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	BERTHA	ALVARADO	Peru	PERUVIAN NATIONAL FORESTRY AUTHORITY	The Management Plan in Ecotourism Concessions-Peruvian Experience
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Peter	Fredman	Sweden	Mid-Sweden University	Do Forests Matter to the Nature-based Tourism Industry?
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Linda	Kruger	United States	US Forest Service	Tourism Best Management Practices Applications in Southeast Alaska
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Yu-Fai	Leung	United States	North Carolina State University	The IUCN Best Practice Guidelines for Sustainable Tourism: Forest and IUFRO Connections
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Bin	Wan	United States	University of Florida	ASSESSING SUSTAINABILITY OF NATURE TOURISM ALONG FLORIDA NATIONAL SCENIC TRAIL
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	ADJE	Chabi Bienvenu	Benin	Benin Biodiversity Convention focal point	Contribution to creation of a Community nature reserve in southern Benin: case of the swamp forest complex of Zinvié
Forests for People	212 Innovative planning and managing approaches for sustainable tourism in forests and natural areas	Carlos Henrique	Rodrigues de Oliveira	Brazil	Instituto Federal do Espírito Santo	GEOPROCESSING IN CREATING FOR THE PURPOSE OF CONSERVATION AREAS IN PARQUE ESTADUAL DA CACHOEIRA DA FUMAÇA/ES, BRAZIL
Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Xiaoxi	Zeng	China	Renmin University of China	Securing China's Forest Ecological Services, Emissions Reductions and Poverty Alleviation for Farmers Households – A Critical Analysis of Current Norm
Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Sina	Leipold	Germany	University of Freiburg	On how to gain discursive agency in environmental conflicts – exploring policy discourses on illegal logging
Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Christina	Schumann	Germany	University of Applied Science Weihenstephan-Triesdorf	Forest biomass and biodiversity: which conflicts arise from contrary environmental goals?
Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Metodi	Sotirov	Germany	University of Freiburg, Chair of Forest and Environmental Policy	Changes in environmental governance and illegal logging policies: the case of the European Union's timber regulation
Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Georg	Winkel	Germany		Institutional Mimicry, Shifting Values and Diverging Policy Paths. Comparing forest environmental policy evolution in Germany and the United States

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Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Alessandro	Leonardi	Italy	Department of Land, Environment, Agriculture and Forestry, University of Padova	Payments for forests: characterizing benefits and governance in the context of Watershed Payments for Environmental Services in Europe
Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Camilla	Widmark	Sweden	Swedish University of Agricultural Sciences	Attitude toward environmental consideration and forest policy among NIPF-owners in Sweden
Forests for People	220 Richer economies, better environmental policies? Analyzing the “environmental question” in forest policy in OECD countries	Andreas	Ottitsch	United Kingdom	University of Cumbria	The combat against illegal logging – Are new policies game changes or merely symbolic?
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Md. Nazmus	Sadath	Bangladesh	Khulna University and Georg August University, Göttingen	Science in forest policy program and political discussion: The Example of Bangladeshi forest policy program and print media discourse.
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Connie Paola	Lopez Gomez	Colombia	Universidad Nacional de Colombia	Cartografía social para la determinación de dinámicas ambientales en contextos rurales. Caso cuenca río Grande, departamento de Antioquia, Colombia.
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Ryo	Kohsaka	Japan	Kanazawa University	Biodiversity, and their Communication Gaps in the Mass Media: Experience from the CBD COP10 and beyond
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Adebayo John	Julius	Nigeria	Forestry Research Institute of Nigeria	Assessment of the Impact of Forestry Research Institute of Nigeria Activities on the Neighboring Communities
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Florencia	Pulhin	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos	Biodiversity Protection: What do the General Public in the Philippines Say and Think About It?
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Ludmila	Marusakova	Slovakia	National Forest Centre	Forest as a place for Health, Recreation and Learning - case studies
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Aleš	Poljanec	Slovenia	Slovenia Forest Service	Capacity building – training for forestry sector to support better cooperation with local population; Guyana case study
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Åsa	Gerger Swartling	Sweden	Stockholm Environment Institute & Stockholm Resilience Centre	Exploring the science – stakeholder interface in climate change adaptation research within Swedish forestry
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Johan	Pihel	Sweden	Department of Landscape Architecture, Planning and Management, Swedish University of Agricultural Sciences	Differences in biodiversity assessment strategies between experts and novices in ecology in logged forests.
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Janean	Creighton	United States	Oregon State University	A Systematic, Evidence-Based Review of Key Issues Facing Oregon Family Forest Owners
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Christine	Olsen	United States	Oregon State University	Predicting WUI homeowners’ perceptions of risk and willingness to conduct defensible space activities
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Patricia	Shanley	United States	People and Plants International	Linking Science and Social Movements: Knowledge exchange in the Brazilian Amazonia
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Elisabeth	Johann	Austria	Division 9, Research group 9.03	Network “Forest Culture” in Austria. A new approach to put international agreements into practice for the benefit of local people
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Roger	Villalobos	Costa Rica	CATIE	Forest Culture in the Neotropics: What is it? Why is it Needed?

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Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Nataša	Lovrić	Croatia	European Forest Institute	STAKEHOLDERS AND PUBLIC PARTICIPATION IN SPATIAL DECISION MAKING PROCESSES FOR FOREST PROTECTED AREAS
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Jarmo	Saarikko	Finland	Finnish Forest Research Institute	IUFRO and Global Forest Decadal Classification - Status and future
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Alexander	Sandoval-Portillo	Guatemala	No	Guatemala: Environmental communication for sustainable development, a key element to educate, investigate, report and generate forest governance.
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	mary	ryan	Ireland	Teagasc	The adoption of a new forest practice needs more than one extension approach
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Sheila	Mbiru	Kenya	Kenya Forestry Research Institute	Managing Knowledge in a Research Organisation: The Case of Kenya Forestry Research Institute
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Andrew	Dunningham	New Zealand	Scion	Social learning in forestry research in NZ: preliminary understanding
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Nkechinyere	Isienyi	Nigeria	Forestry Research Institute of Nigeria	INFORMATION TECHNOLOGY INFLUENCE ON SUSTAINABLE FORESTRY MANAGEMENT IN AFRICA: A CASE STUDY OF FORESTRY RESEARCH INSTITUTE OF NIGERIA
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Joana	Amaral Paulo	Portugal	Instituto Superior de Agronomia / Universidade de Lisboa	Forest models dissemination and knowledge transfer on cork oak based ecosystems: bridging the gap between research and practice
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Sally	Upfold	South Africa	ICFR	A role for research in supporting small-scale emerging tree growers in South Africa
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Pilly	Kagosi	Tanzania	TAFORI	Participatory Approach Potentials in Adoption of Agronomic, Land and Water Management Technologies in Semi Arid Areas of Tanzania
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Dennis R	Becker	United States	University of Minnesota	Community Wood Energy Handbook and Computer App
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	George	Buchert	United States	freelance	Incorporating Maintenance of Genetic Diversity into Forest Policy and Practice
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Cornelis	DeHoop	United States	Louisiana State University Agricultural Center	Forest Landowner Perceptions of Prescribed Burning in Louisiana, USA
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Linda	Kruger	United States	US Forest Service	Pedagogy of Place Institute
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Paul	Oester	United States	Oregon State University	Pest Scene Investigators: A Citizen Science-Based Effort to Improve Forest Health in Oregon
Forests for People	227 Knowledge exchange and communication of forest research for human and community well-being	Paul	Oester	United States	Oregon State University	Uneven-aged Management in a Mixed-Conifer Forest in Northeast Oregon: A Case Study with an Innovative Educational Approach
Forests for People	239 Establishing social institutions for co-management of public forest lands	Raoul	Adeguelou	Benin	University of Abomey - Calavi	Are Community Based Organizations ready to contribute to Sustainable Participatory Forests Management Plans in Benin?
Forests for People	239 Establishing social institutions for co-management of public forest lands	Prakash Chandra	Tiwari	India	Kumaun University, Nainital, India	Institutionalizing State Forests for Restoration of Ecosystem Services and Adaptation to Climate Change in Himalaya

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Forests for People	239 Establishing social institutions for co-management of public forest lands	Umut	Zholdosova	Kyrgyzstan	Coordinator of environmental programs/ Rural Development Fund	Joint Forest Ecosystems Management Model in Kyrgyzstan
Forests for People	239 Establishing social institutions for co-management of public forest lands	Concepcion	Lujan	Mexico	Universidad Autonoma Chihuahua	PARTICIPATORY MANAGEMENT MODEL OF THE SOCIO-ECOLOGICAL SYSTEM FOR SUSTAINABLE RURAL DEVELOPMENT AND COMMUNITY FORESTRY WELLBEING IN MEXICO
Forests for People	239 Establishing social institutions for co-management of public forest lands	Ene	Abi	Nigeria	1Forestry Research Institute of Nigeria (FRIN)	STAKEHOLDERS' PARTICIPATION IN COMMUNITY BASED FOREST MANAGEMENT (CBFM) IN CROSS RIVER STATE, NIGERIA
Forests for People	239 Establishing social institutions for co-management of public forest lands	NATHANIEL	BANTAYAN	Philippines	UNIVERSITY OF THE PHILIPPINES LOS BANOS	Implementing Collaborative Natural Resources Governance for the Sustainable Management of the Mt Makiling Forest Reserve, Philippines
Forests for People	239 Establishing social institutions for co-management of public forest lands	Yvette	Dickinson	United States	Colorado State University	The first four years of a collaborative forest landscape restoration project on Colorado's Front Range: successes and lessons learned
Forests for People	239 Establishing social institutions for co-management of public forest lands	Rebecca	McLain	United States	Institute for Sustainable Solutions, Portland State University	Applying lessons from two decades of co-management in the developing world to collaborative stewardship for the US national forest system
Forests for People	239 Establishing social institutions for co-management of public forest lands	Yves	MEYANGA TONGO	Cameroon	Senior Researcher, Agro economist -forest policy and economics /Ministry of scientific research and innovation- Yaoundé Cameroon	Risks, Challenges and Perspectives of the Co-management in and around the Luki Biosphere Reserve in the Democratic Republic of Congo.
Forests for People	239 Establishing social institutions for co-management of public forest lands	Jean Claude Stone	NJOMKAP	Cameroon	AFRICAN MODEL FORESTS NETWORK	Eco-agriculture, green rural economy and sustainable governance of the forests in the Congo Basin
Forests for People	239 Establishing social institutions for co-management of public forest lands	Fernando	Carrera	Costa Rica	CATIE	Lessons Learned from the Model Forests of Ibero-America
Forests for People	239 Establishing social institutions for co-management of public forest lands	Ronnie	De Camino	Costa Rica	Red Iberoamericana de Bosques Modelo (RIABM) - CATIE	Efficiency in Development Cooperation: the experience of the Ibero-American Model Forest Network and its Model Forests
Forests for People	239 Establishing social institutions for co-management of public forest lands	Marta Marina	Jiménez Águila	Cuba	Instituto de Investigacion Forestal	EVALUATION OF THE VEGETATION AND PROPOSAL OF SPECIES FOR REHABILITATION OF THE PATRIMONIAL AREA "NECROPOLIS CRISTÓBAL COLÓN" IN THE HAVANA, CUBA.
Forests for People	239 Establishing social institutions for co-management of public forest lands	Christian Pilegaard	Hansen	Denmark	University of Copenhagen	Rural livelihood, Voluntary Partnership Agreements and social safeguards in Ghana
Forests for People	239 Establishing social institutions for co-management of public forest lands	Ynti	Arcos	Ecuador	Red de Bosques del Ecuador-RIABM	The role of private conservation in protected areas systems of Ecuador
Forests for People	239 Establishing social institutions for co-management of public forest lands	In-Ae	Kim	Korea, Republic of	Korea Forest Research Institute	Local community participation in forest management in Lombok, Indonesia
Forests for People	239 Establishing social institutions for co-management of public forest lands	Madhu	Ghimire	Nepal	Ministry of Forests and Soil Conservation	Conservation of Wildlife Outside Protected Areas in Community Forests in Nepal
Forests for People	239 Establishing social institutions for co-management of public forest lands	Andrew	Erakhrumen	Nigeria	Department of Forestry & Wildlife, University of Uyo, Uyo, Nigeria	Recent Trends in Incorporating Participatory Approach Models into Sustainable Management of Natural and Planted Forests
Forests for People	239 Establishing social institutions for co-management of public forest lands	Rebeca	Dumet	Peru	Independiente	Standard for monitoring and evaluating Model Forests: Proposal of guidance for the management of RIABM initiatives
Forests for People	239 Establishing social institutions for co-management of public forest lands	Leni	Camacho	Philippines	COLLEGE OF PUBLIC AFFAIRS AND DEVELOPMENT	Characteristics and Developmental Functions of People's Organization: The Case of an Upland Farmers' Association in Tagkawayan, Quezon, Philippines
Forests for People	239 Establishing social institutions for co-management of public forest lands	Sofronio	Camacho	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos	Sustainable Agroforestry Development in Caraga Region, Philippines: The Case of the DENR-LGU Co-Management Scheme
Forests for People	239 Establishing social institutions for co-management of public forest lands	Camilla	Widmark	Sweden	Swedish University of Agricultural Sciences	Measuring Transaction Costs in Multiple Land-use Situations – The case of co-management of forest resources in Northern Sweden
Forests for People	239 Establishing social institutions for co-management of public forest lands	Jamie	Barbour	United States	US Forest Service	Co-Management of Government-Owned Lands: Lessons from Across the Globe
Forests for People	239 Establishing social institutions for co-management of public forest lands	Kanna	Siripurapu	United States	University of Maryland at College Park	Participatory Forest Management Networks of Odisha - Time for more recognition

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Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Ana Elia	Ramon Hidalgo	Canada	University of British Columbia (UBC)	Linking empowerment outcomes, social capital and gender in forest-based community ecotourism in Ghana. A multi-method approach.
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Chengyue	Tu	China	Renmin University of China	INTEGRATING COMMUNITY DEVELOPMENT WITH THE MANAGEMENT OF GRASSLANDS AND WETLANDS AT KE'ERQIN NATURE RESERVE, INNER MONGOLIA, CHINA
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	LIN	ZHANG	China	University of Utah	Zhangjiajie National Park and Resettlement: Impacts on Local Ethnic communities in China
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Ellyn Kathalina	Damayanti	Indonesia	Faculty of Forestry, Bogor Agricultural University (IPB)	Conservation of Rafflesia zollingeriana: Integrating conservation policy with local livelihood
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Matteo	Garbarino	Italy	Università Politecnica delle Marche, Ancona, IT	Effects of anthropogenic activities on forest landscape in the Khumbu valley, Nepal
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Taiichi	Ito	Japan	University of Tsukuba	An analysis of long-distance trail development in Japan based on protected area management and rural development
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Sandra	Rodriguez	Mexico	UACH	Is the sustainable forest management for ecotourism a food security plan?
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Julia	Carlsson	Sweden	Department of Forest Resource Management, Swedish University of Agricultural Sciences	Using future scenario analysis to support participatory forest landscape planning in Vilhelmina, northern Sweden.
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Mariana	Moya	Argentina	Facultad de Agronomía. Universidad de Buenos Aires	THE PARANA DELTA NEIGHBORING TO METROPOLITAN BUENOS AIRES AND PEOPLE. TOWARDS A TRANSFORMATION OF RELATIONS
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	KPETERE	Josué	Benin	Ministère de l'environnement et des Forêts	Tourist Valorization of Pahou the natural forest in Benin West Africa
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Abdelaziz	Lawani	Benin	Jeunesse & Développement	Ecosystem services and protected areas: Contribution of Pendjari National Park to Benin economy
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Sabina	D. Mendonça	Brazil	Federal University of Paraná	Assessment of management effectiveness of six National Forests in Brazil
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Emmanuel	SUKA	Cameroon	Ministry of Environment, Protection of Nature and Sustainable Development	Merging Gaps between Forest Conservation and Agricultural Production in Protected Areas: Case Study of Southern Bakundu in Cameroon
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Connie Paola	Lopez Gomez	Colombia	Universidad Nacional de Colombia	Páramos como ecosistemas en transformación: Análisis multi-temporal de las percepciones acerca de la transformación de áreas de páramos en proceso de delimitación.Colombia.
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Fran	Poštenjak	Croatia	uaaffiliated	NP Risnjak- visitor vulnerability on „Leska“ educational path and suggestions to avoid unfortunate outcome
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Andrea	Yat	Guatemala	URL	Identification of a strategy for the financial sustainability of the protected area of the Laguna Lachúa National Park in Guatemala
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Nirmal	Harsh	India	Forest Research Institute, Indian Council of Forestry Research & Education, Dehradun, India	Conservation of Trees at Ta-Prohm Temple, Cambodia - A World Heritage Site
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Parul	Rishi	India	IIFM,Bhopal	MEETING THE ECOTOURISM CHALLENGE THROUGH ORGANIZATIONAL RESTRUCTURING : A CASE OF ECO DEVELOPMENT BOARD OF INDIA
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Ilis	Alviya	Indonesia	Forest Policy and Climate Change Center, Forest Research and Development Agency	Stakeholders' Perception as Support for Forest Landscape Planning in Ciliwung Watershed, Indonesia
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Shiwei	Gou	Japan	Kyoto University	Assessing the trail condition and environmental factors of the Kumano Pilgrimage routes in the Kii mountains, Japan
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Bijendra	Basnyat	Nepal	NARMA	Leveraging the landscape: Multi-stakeholder approach of conservation landscape management in Nepal
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Stefania	Pizzirani	New Zealand	Scion (Forest Research Institute, New Zealand)	Valuing recreation for New Zealand's planted forests: moving beyond traditional timber economics towards achieving multi-purpose forests
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Oluyinka	Akintunde	Nigeria	Federal University of Agriculture, Abeokuta, Nigeria.	Valuation of Ecotourism Potentials of Olumo Rock, Abeokuta, Nigeria Using Travel-Cost Model Approach.
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	OLUWATOBI	OLANIYI	Nigeria	FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE	Ecotourism development in Ikogosi Warmspring, Nigeria; Any implication on its floristic composition and structure?

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Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Queen	Omoregie	Nigeria	Department of Zoology, University of Lagos, Akoka, Lagos State, Nigeria.	Assessment of Protected Area Management Effectiveness (PAME) to determine the health of Lekki Conservation Centre (LCC) in Lagos, Nigeria.
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	NATHANIEL	BANTAYAN	Philippines	UNIVERSITY OF THE PHILIPPINES LOS BANOS	HOW TO MAKE BURNING OF CHOCOLATE HILLS OF BOHOL, PHILIPPINES CARBON NEUTRAL?
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Aniko	POLO-AKPISSO	Togo	Laboratory of Botany and Plant Ecology/Faculty of Sciences/University of Lomé	Impact of climate change on riverine population's livelihood and vegetation dynamic within Oti-Keran National Park (Togo)
Forests for People	251 Integrating landscape protection, nature-based recreation and tourism, and rural development	Tayyibe	Acikgoz Altunel	Turkey	Kastamonu University	Women Supported Ecotourism Activities in Kure Mountains National Park
Forests for People	252 Forest-dependent community development	Rodrigue Castro	GBEDOMON	Benin	Laboratory of applied ecology/University of Abomey-Calavi (Benin)	Conservation by people for people: Impacts of community-NGO partnership on forest conservation and livelihood of riparian people
Forests for People	252 Forest-dependent community development	Andrea	Vasquez	Canada	UBC	Indigenous Associations in the Peruvian Amazon: The comuneros' perspectives
Forests for People	252 Forest-dependent community development	Sergio	Molina Murillo	Costa Rica	National University of Costa Rica (UNA)	Community perceptions of environmental and socioeconomic benefits from forest: An exploration in four protected areas of Costa Rica.
Forests for People	252 Forest-dependent community development	Mariève	Pouliot	Denmark	University of Copenhagen	Forests: not an important source of 'forest products'
Forests for People	252 Forest-dependent community development	Asmamaw Alemu	Abtew	Germany	Technical University of Dresden, Germany	Contribution of gum and resin commercialization to rural livelihood in the drylands of Ethiopia and Sudan
Forests for People	252 Forest-dependent community development	ROSE JANE	PERAS	Philippines	UNIVERSITY OF THE PHILIPPINES LOS BANOS	Local Stakeholder's Assessment of Community-Based Forest Management and the Potentials of REDD Plus
Forests for People	252 Forest-dependent community development	Per	Sandström	Sweden	Swedish University of Agricultural Sciences	Mining in the boreal forest - Effects on Reindeer Populations and Indigenous Livelihoods and the use of community-based monitoring by Sámi Reindeer Herders in Northern Sweden
Forests for People	252 Forest-dependent community development	Amy	Grotta	United States	Oregon State University	Developing Indicators to Track Community Vitality and the Changing Role of Forests in a Rural Oregon Community
Forests for People	252 Forest-dependent community development	ALICE	BONOU	Benin	Laboratory of Applied Ecology	Economic value and socio-cultural determinants of Non Timber Forest Product harvesting in the W Transboundary Biosphere Reserve, Benin
Forests for People	252 Forest-dependent community development	Alice	Brites	Brazil	Universidade de São Paulo	Participatory monitoring of non-timber forest products. What factors lead to cooperation?
Forests for People	252 Forest-dependent community development	Yves	MEYANGA TONGO	Cameroon	Senior Researcher, Agro economist -forest policy and economics /Ministry of scientific research and innovation- Yaoundé Cameroon	Forestry governance and local development in Cameroon: Contribution of decentralized management of forest revenues to the development of councils.
Forests for People	252 Forest-dependent community development	Bérenger	TCHATCHOU	Cameroon	Center for International Forestry Research	Forest and forest-based rural livelihood in climate change vulnerability context in Cameroon.
Forests for People	252 Forest-dependent community development	Lynn	Palmer	Canada	Lakehead University	Property Rights, Powers and Accountability: New Forest Tenure Policy in Ontario, Canada
Forests for People	252 Forest-dependent community development	Yuechen	Liang	China	College of Economics and Management, Northeast Forest University	Research on Present Status of Sustainable Livelihood of Workers' Families in China's Key State-owned Forest Region
Forests for People	252 Forest-dependent community development	Jean	Semeki	Congo, Democratic Republic of the	university of Kinshasa	Subsistence strategies and means of the river populations of the Luki Biosphere Reserve in the Democratic Republic of Congo
Forests for People	252 Forest-dependent community development	Siddharth	Sareen	Denmark	University of Copenhagen	How do you do access? Indigenes and forest resources in a conflict-affected Indian region
Forests for People	252 Forest-dependent community development	Saurindra	Goswami	Fiji	Fiji National University	Forest complexity regulates development of forest dependent communities
Forests for People	252 Forest-dependent community development	Eric Awuah	Kyei	Ghana	KNUST-Kumasi, Ghana	CLIMATE CHANGE AND ADAPTATION STRATEGIES: RURAL HOUSEHOLD RESPONSES TO FUELWOOD SCARCITY IN SELECTED COMMUNITIES WITHIN TWO AGRO-ECOLOGICAL ZONES OF GHANA
Forests for People	252 Forest-dependent community development	Anna	Mohase	Guyana	Guyana Forestry Commission	Impact of Community Forestry Programme to forest dependent communities' development across Guyana

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Forests for People	252 Forest-dependent community development	Mohammed	Haque	India	NABARD Consultancy services	Promoting tree based farming by National Bank for Agriculture and Rural Development (NABARD) for improving livelihood security of tribal families
Forests for People	252 Forest-dependent community development	Terry	Sunderland	Indonesia	CIFOR	Alternative Livelihoods and Biodiversity Conservation
Forests for People	252 Forest-dependent community development	Misa	Masuda	Japan	Tsukuba University	A carrying capacity approach to forest management in developing countries
Forests for People	252 Forest-dependent community development	ROSE	CHITEVA	Kenya	KENYA FORESTRY RESEARCH INSTITUTE (KEFRI)	ENHANCING COMMUNITY LIVELIHOODS THROUGH NATURE BASED ENTERPRISES: THE CASE OF MATINYANI WOMEN GROUP, KITUI, KENYA.
Forests for People	252 Forest-dependent community development	Mugilan	Kuppasammy	Malaysia	University Malaysia Sabah	Utilization Pattern and Potential Use of Mangrove Forest within the Local People: A Case Study in Pitas, Sabah
Forests for People	252 Forest-dependent community development	Nur	Muhammed	Malaysia	School of International Tropical Forestry, Universiti Malaysia Sabah, Malaysia	Land Management Practices of the Murut Community: A Case Study of the Selected Villages From Sabah, Malaysia
Forests for People	252 Forest-dependent community development	Idowu Abimbola	Adegoke	Nigeria	Forestry Research Institute of Nigeria	CONTRIBUTION OF FOREST RESOURCES USE TO RURAL LIVELIHOODS IN NIGERIA
Forests for People	252 Forest-dependent community development	Oladipo Sadiolu	Afolabi	Nigeria	Forestry Research Institute of Nigeria	Indigenous Perception on Forest Resource Management through Community based Approaches in Selected Rural Areas in West Africa Region
Forests for People	252 Forest-dependent community development	KELECHI	ELEANYA	Nigeria	FEDERAL UNIVERSITY OF DUCIMA, KATSINA STATE, NIGERIA	The Role of Mangrove Forests in Sustaining Household Livelihoods in the Niger Delta, Nigeria
Forests for People	252 Forest-dependent community development	Wilson	Jayeoba	Nigeria	Federal College of Forestry Mech. Afaka - Kaduna	Assessment of Agroforestry Practices and Community Development in Kaduna State Forest Management Project, Buruku, Nigeria
Forests for People	252 Forest-dependent community development	OLUWOLE JOHN	PELEMO	Nigeria	Forestry Research Institute of Nigeria	The Contribution of Non-Timber Forest Products to Poverty Alleviation in Idoani, Ondo State, Nigeria
Forests for People	252 Forest-dependent community development	Alipse	Valera	Peru	WWF Peru	Community based forest management, an experience that goes from the field work to the improvement of indigenous community's livelihood
Forests for People	252 Forest-dependent community development	ROMULO	AGGANGAN	Philippines	FOREST PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE	Sustainable Utilization and Marketing of Selected Non-Timber Forest Products to Support the Handicraft Industry and the Development of Rural Communities
Forests for People	252 Forest-dependent community development	Thang	Tran Nam	Viet Nam	Hue University of Agriculture and Forestry	Establishment and expansion of protected area and the changes in the livelihood of ethnic minorities in central Vietnam
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Michael	Obersteiner	Austria	Ecosystems Services and Management Program (ESM), International Institute for Applied Systems Analysis (IIASA)	Forest relevant actions to the three Rio Conventions
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Reem	Hajjar	Canada	University of British Columbia	The evolving role of secondary-level institutions and their continued legitimacy: Community and producer associations under FLEGT and REDD+ in Ghana and Mexico
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Nicole	Klenk	Canada	University of Toronto	Constructing a materialist conception of discursive institutionalism to examine institutional change in forest policy: the case of the assisted migration of species in Canada
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Chengyue	Tu	China	Renmin University of China	The Assessment of Forest Ecological Compensation System in the southern China
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Josique	Lorenzo Lemire	Costa Rica	Red Iberoamericana de Bosques Modelo (RIABM) - CATIE	PARTICIPATORY FOREST GOVERNANCE IN IBERO-AMERICA: SOCIAL AND POLITICAL IMPACTS OF THE MODEL FORESTS APPROACH
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Riccardo	Da Re	Italy	Università di Padova	Local forest governance assessed through Social Network Analysis: comparison of three case studies in Italy, Bosnia Herzegovina and Montenegro
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Bas	Arts	Netherlands	Wageningen University	Forest governance: a practice based approach
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Berit H	Lindstad	Norway	Norwegian University of Life Sciences	Stakeholder opinions on bioenergy in Norway: Conflicting perceptions of challenges and opportunities

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Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Elena	Kulikova	Russian Federation	WWF Russia	Russian Forest Policy Development: New Experience Based on Stakeholders' Involvement Approach
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	SENTIME	KASAY	South Africa	University of South Africa/University of Stellenbosch	National Government Policy and Legislation on Tropical Moist Forests as prerequisite to improve Rural Livelihoods – case study of the DRC
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Constance	McDermott	United Kingdom	Environmental Change Institute, University of Oxford	Forest Footprints and the Implications for Equity in Forest Governance
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Cindy	Chojnacky	United States	Private consultant	What Institutional Theory—"the way we do things"—can tell us about behavior of natural resources institutions
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Melanie	McDermott	United States	Rutgers University	Examining equity in forest governance: implications for REDD+ and other payments for ecosystem services schemes
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Cassandra	Moseley	United States	Ecosystem Workforce Program; Institute for a Sustainable Environment, University of Oregon	Institutional Work: Community-Based Organizations as Change Agents in Public Lands Governance in the American West
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Dung T.	Ngo	Viet Nam	Consultative and Research Centre on Natural Resources Management	Assessing sustainability of local forest governance through institutional framework: a case study of Vietnam.
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Vitor Afonso	Hoeflich	Brazil	Universidade Federal do Paraná	BRAZILIAN FOREST GOVERNANCE: TRENDS, AND OBSTACLES, A PROPOSAL TO BE IMPLEMENTED.
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Vitor Afonso	Hoeflich	Brazil	Universidade Federal do Paraná	FOREST GOVERNANCE: A STUDY ON PERCEPTION OF ACTORS INVOLVED IN THE FOREST MANAGEMENT ACTIONS IN THE STATE PARANÁ (BRAZIL).
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Neera	Singh	Canada	Faculty of Forestry	Caring for Forests: Insights from Community Conservation Practices and Affect theory
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	CT	Smith	Canada	University of Toronto	Trans-Atlantic governance of sustainable solid wood bioenergy supply chains
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Andrea	Vasquez	Canada	UBC	One methodology, two realities: partnering with indigenous peoples in the Peruvian Amazon
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Hexing	Long	China	Renmin University of China	Complexity of Forest Tenure Issues and China's Collective Forest Tenure Reform
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Zhong	Tan	China	Renmin University of China	Roles of local government in China for forest rehabilitation - A case of Changting county of Fujian province
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Marko	Lovrić	Croatia	European Forest Institute	Network analysis of a policy formulation: Transposing EU nature protection directives in Croatian forestry
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Inge	Stupak	Denmark	University of Copenhagen, Denmark	Challenges to multi-level sustainability governance of forest bioenergy and impacts for production and trade – global stakeholder views and experiences
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	María Elisa	Carrión	Ecuador	CATIE	Status of development of forest resources policies and local governance. Case study: Indigenous Reservation of Cabécar in Alto Chirripó, Costa Rica

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Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Pia	Katila	Finland	Finnish Forest Research Institute	International Influences on National Forest Policy: Analyzing Stakeholder Coalitions and Their Argumentation in the Revision of Finnish Forest Act
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Hugo	Rosa da Conceição	Germany	Center for Development Studies, University of Bonn	Determinants of incentive-based forest governance in the Amazon: evidence from case studies in Brazil, Ecuador, and Peru
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Mirian	Molina	Honduras	Fundacion MaderaVerde	THE ATLÁNTIDA PLATFORM: A CIVIL-SOCIETY EFFORT PROMOTING GOOD GOVERNANCE IN THE HONDURAN FORESTRY SECTOR
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Shaju	Thomas	India	Nirmala College	Legal and Policy Instruments for Forest and People - a Critical Review of Indian Scenario
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Soeryo	Adiwibowo	Indonesia	Bogor Agricultural University	Under the Shadow of Failure: Restoration Ecosystem in Indonesia
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Fitri	Nurfatriani	Indonesia	Forest Research and Development Agency-Ministry of Forestry	Forest Governance in Indonesia: Its Problems and Improvement Measures
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Biljana	Macura	Italy	University of Padova, Department of Land, Environment, Agriculture and Forestry	Examining the impact of governance on the effectiveness of forest protected areas: a systematic review of the evidence
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Laura	Secco	Italy	Universty of Padova	THE ANALYSIS OF FOREST GOVERNANCE AND SOCIAL CAPITAL: theoretical and methodological links, gaps and overlaps
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Maria Laura	Quevedo Fernandez	Paraguay	Universidad Nacional de Asuncion - Facultad de Ciencias Agrarias	State of the principles of good forest governance in Paraguay
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	BERTHA	ALVARADO	Peru	PERUVIAN NATIONAL FORESTRY AUTHORITY	Difficulties for the implementation of the access of genetic resources-Convention of Diversity Biological
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Karin	Beland Lindahl	Sweden	Luleå University of Technology	Alternative Pathways to sustainability – a framework for comparative forest policy analysis
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Robert	Bakiika	Uganda	Makerere University	FOREST GOVERNANCE IN UGANDA: THE QUEST FOR LOCAL DEMOCRACY
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Onjamirindra Sarobidy	Rakotonarivo	United Kingdom	Bangor University	REDD+ benefit sharing mechanism: Enhancing or reducing equity in representation? Learning from the Tanzanian community carbon enterprise model
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Kathleen	McGinley	United States	USDA Forest Service International Institute of Tropical Forestry	Forest Policy Re-Mix: is history bound to repeat itself in the selection and implementation of forest policies and instruments across Latin America?
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Maria	Ojanen	United States	Center for International Forestry Research	The environmental impacts of property rights regimes
Forests for People	26 International forest governance: taking stock of political theories, methodologies and research findings	Ashwin	Ravikumar	United States	Center for International Forestry Research	Multilevel Governance Typologies of Benefit-Sharing and Land-Use Decision Making: Cross-Country Evidence from REDD+ Projects
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Rebecca	Ford	Australia	Melbourne School of Land and Environment	A bottom up approach to criteria and indicators: values and cues in public evaluations of forest management in Australia
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Stephen	Wyatt	Canada	Université de Moncton	Negotiating indigenous collaboration in forestry in Quebec, Canada: Finding pathways through multiple processes and actors

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Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Minghui	ZHANG	China	Renmin University of China	Conflictive Interactions between Forestry Traditional Knowledge of Dong Minority and Modern Policy Interventions in S Village: an Actor-oriented Perspective
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Blanca	Yague	Colombia	Universidad Nacional de Colombia Sede Amazonia	The importance of the social and cultural dimensions of wildmeat in periurban indigenous communities in Leticia (Colombia)
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Christian	Gamborg	Denmark	University of Copenhagen	Recreational hunting – A comparative study of attitudes to rear and release among Danish hunters, land owners and the general public
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Ervizal A.M.	Zuhud	Indonesia	Faculty of Forestry, Bogor Agricultural University (IPB)	Triad Stimulus NUR (Nature, Use, Religion) Pro-Conservation for Sustainable Forest Management in Indonesia
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Biljana	Macura	Italy	University of Padova, Department of Land, Environment, Agriculture and Forestry	Effectiveness of Integrated Conservation and Development Projects around Central Indian Tiger Reserves
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Katarina	Eckerberg	Sweden	Umeå University	Fires, Forests and Conflict in times of rapid environmental change in Sweden and Australia
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Matteo	Favero	Italy	University of Padova, TESAF Department	Multifunctional and integrated forest management in Italy: policy failures and possible solutions
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Madhu	Ghimire	Nepal	Ministry of Forests and Soil Conservation	Multistakeholder approach for managing conflicts and developing shared vision on community-based forest management in Nepal
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Anna Malgorzata	Bartczak	Poland	University of Warsaw, Faculty of Economic Sciences, Warsaw Ecological Economics Center	The role of altruism in non-market valuation of biodiversity and recreation. An application to the Białowieża Forest.
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Katarina	Eckerberg	Sweden	Umeå University	Restoring Nature: Combining 'new' and 'old' policy instruments in Swedish forests
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Annika	Nordin	Sweden	Swedish University of Agricultural Sciences	Desired forest futures of forest sector stakeholders in Sweden
Forests for People	28 Ethics and values in relation to forest, wildlife and recreation management	Linda	Kruger	United States	US Forest Service	Alaska Natives, Local Knowledge and Climate Change
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Yuan	Meng	China	Renmin University of China	Study on Forest Policy Coordination and Cooperation: take a case of Collective Forest Tenure Reform in China
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Georg	Winkel	Germany		The European forest policy paradox – how policy integration fails through practices of sectoral polarization
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Wil	de Jong	Japan	CIAS, Kyoto University	Integrating multiple environmental regimes: Land and forestry policies under broader democratic reforms in the Bolivian tropical lowlands
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Nicolas	Robert	Spain	European Forest Institute – Mediterranean Regional Office	Forests in the non-forest policies: How much room is left to forest decision making?
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Marie	Appelstrand	Sweden	Lund University	Female entrepreneurs - a shortcut to a more competitive and equal forest sector?
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Sara	Holmgren	Sweden	Department of forest Products, Swedish University of Agricultural Sciences	Multi-level governance of forests in a changing climate: international influence on Swedish forest policy.
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Viveca	Sjöstedt	Sweden	Swedish Agricultural University	Integration of bio-energy policy - a multi-sectoral frame analysis
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Oskar	Wallgren	Sweden	Stockholm Environment Institute (SEI)	The need for forestry to understand and respond to indirect impacts of climate change
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Juan Carlos	Montero	Bolivia	Confederación de Pueblos Indígenas de Bolivia	Indigenous forest management initiatives as a strategy to mitigate the impact of megaprojects in the Bolivian Amazon.
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Jinlong	Liu	China	Centre of Forestry, Environmental and Resources Policy Study	Overview of Participatory Forestry in China
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Ram Prasad	Lamsal	Nepal	Ministry of Forests and Soil Conservation	Multistakeholder approach for the development of new national forestry sector strategy in Nepal
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Bas	Arts	Netherlands	Wageningen University	How ideas, interests and institutions may block or further policy integration. An evaluation of the forest and agricultural sectors in Ghana
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Victor G.	Sanaev	Russian Federation	Moscow State Forest University	New National Forest Policy of Russian Federation: Basis for Forest Sector Problems Solution

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Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Yvonne	Brodrechtova	Slovakia	Technival University in Zvolen	Forest management in the long-term: participatory scenario evidence from Slovakia
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Rukia	Kitula	Tanzania	University of Dar es salaam	Exploring the best way for harmonizing conflicting interests in the management of mangrove forests in the Rufiji delta, Tanzania
Forests for People	37 Achieving policy integration across fragmented domains: Forest policy perspectives	Forrest	Fleischman	United States	Department of Ecosystem Science & Management, Texas A&M University, and Texas Agrilife Research	The influence of professional norms and politics on the decision-making of foresters: A comparison of the United States and India
Forests for People	39 American Indian forestry	Steve	Andringa	United States	Yakama Nation.	Anchor Forests [full title pending]
Forests for People	39 American Indian forestry	Michael	Dockry	United States	USDA Forest Service	Sustainable forest management within the context of ecological change: Community perspectives and challenges from the Menominee Tribe of Indians of Wisconsin
Forests for People	39 American Indian forestry	Jim	Erickson	United States	Fire Technical Specialist	Fulfilling the Promise of the Tribal Forest Protection Act.
Forests for People	39 American Indian forestry	Serra	Hoagland	United States	SKT College student	Recruitment and Retention of Tribal Youth as Future Management Leaders
Forests for People	39 American Indian forestry	Darin	Jarnaghan	United States	Hoopla Valley Business Council	IFMAT-III: The Third Independent Assessment of the Status of Indian Forests and Forestry.
Forests for People	39 American Indian forestry	Linda	Kruger	United States	US Forest Service	PNW Research Station Tribal Climate Change Research Program
Forests for People	39 American Indian forestry	Gary	Morishima	United States	Quinault Nation	Our Natural Resources
Forests for People	39 American Indian forestry	Phil	Rigdon	United States	Intertribal Timber Council	Overview of Indian Forests and Forestry
Forests for People	39 American Indian forestry	Jay	O'Laughlin	United States	University of Idaho	Anchor Forests and the Tribal Forest Protection Act: Eastern Washington pilot project
Forests for People	42 Innovative forest and environmental legislation for better diversity	Erjon	Muharremaj	Albania	University of Tirana	Challenges of the forest and environment legislation for better biodiversity in Albania
Forests for People	42 Innovative forest and environmental legislation for better diversity	Katerina	Ventrubova	Czech Republic	Faculty of Forestry and Wood Sciences in Prague	LEGALLY BINDING AGREEMENT ON FORESTS IN EUROPE – A CONVENTIONAL NEGOTIATING PROGRESS?
Forests for People	42 Innovative forest and environmental legislation for better diversity	Siu Lang	Carrillo Yap	Germany	Georg-August-University Göttingen. Institute of Public International and European Law.	Legal framework of community forestry of indigenous peoples in the Amazonian countries: a comparison of national land and forest laws
Forests for People	42 Innovative forest and environmental legislation for better diversity	Liga	Mengele-Stillere	Latvia	State Forest Service	Finding place for Forest Law among other law disciplines
Forests for People	42 Innovative forest and environmental legislation for better diversity	Danko	Aleksic	Serbia	Regional Environmental Center (REC)	BIODIVERSITY ISSUES IN FORESTRY RELATED LEGISLATION IN WESTERN BALKAN COUNTRIES
Forests for People	42 Innovative forest and environmental legislation for better diversity	Natasa	Tomic-Petrovic	Serbia	University of Belgrade	The role of legislation in preservation of biological diversity in Serbia
Forests for People	42 Innovative forest and environmental legislation for better diversity	Rastislav	Sulek	Slovakia	Technical University in Zvolen, Slovakia	Sources of contradictions in forest and nature protection legislation
Forests for People	42 Innovative forest and environmental legislation for better diversity	USTUNER	BIRBEN	Turkey	CANKIRI KARATEKIN UNIVERSITY FACULTY OF FORESTRY DEPARTMENT OF FOREST ENGINEERING	Historical Reasons Behind the State Domination of Forest Ownership in Turkey
Forests for People	42 Innovative forest and environmental legislation for better diversity	Monica	Gabay	Argentina	Directorate of Forestry	Reaching out: The role of Argentine Model Forests in the implementation of the federal forest policy
Forests for People	42 Innovative forest and environmental legislation for better diversity	Clara	Minaverry	Argentina	Universidad de Buenos Aires, CONICET	Present and future legal framework of environmental services in Argentina
Forests for People	42 Innovative forest and environmental legislation for better diversity	Michelliny	Bentes Gama	Brazil	The Brazilian Agricultural Research Corporation - EMBRAPA	Forest genetic resources in the Amazon tropical forests – legal forestry framework, divergences of use and considerations for conservation
Forests for People	42 Innovative forest and environmental legislation for better diversity	Evelyne	Thiffault	Canada	Natural Resources Canada	What's in a name? Defining highly biodiverse areas in sustainability regulations for forest bioenergy
Forests for People	42 Innovative forest and environmental legislation for better diversity	Yukun	Cao	China	College of Economics and Management, Northeast Forest University	The Kaldor-Hicksim Improvement Study on Social Welfare of State-Owned Forest Areas Families under the Logging Ban of China
Forests for People	42 Innovative forest and environmental legislation for better diversity	JAROMIR	VASICEK	Czech Republic	FOREST MANAGEMENT INSTITUTE BRANDÝS NAD LABEM	National forest policy from the transformation of state-owned forests following political changes in the Czech Republic until present

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Forests for People	42 Innovative forest and environmental legislation for better diversity	KISHAN	AKULA	India	Indian Forest Service	Conserving Forests and Biodiversity and Conflicting Legislations
Forests for People	42 Innovative forest and environmental legislation for better diversity	Mohammad Masood	Ghilihkhani	Iran	Tarbiat Modarres Uni	New Legislation Innovating for Natural & Planted Forest in Iran
Forests for People	42 Innovative forest and environmental legislation for better diversity	Valdis	Kalns	Latvia	JSC "Latvijas valsts meži"	Legal liability for the losses to forestry caused by game animals
Forests for People	42 Innovative forest and environmental legislation for better diversity	julia	nelson	Malaysia	school of international tropical forestry, universiti malaysia sabah	The Role of Native Customary Rights Towards the Future of the Native People in Sarawak
Forests for People	42 Innovative forest and environmental legislation for better diversity	Gabriel O	Akinyemi	Nigeria	Forestry Research Institute of Nigeria	Assessment of Public Appreciation of Forest Laws: A case of Eporo and Little Ose Forest Reserves of Ekiti State, Nigeria
Forests for People	42 Innovative forest and environmental legislation for better diversity	HECTOR HERNANDO	HEREBIA VALIENTE	Paraguay	INFONA	The forest in Paraguay: people and ecosystem
Forests for People	42 Innovative forest and environmental legislation for better diversity	BERTHA	ALVARADO	Peru	PERUVIAN NATIONAL FORESTRY AUTHORITY	KEY ASPECTS FOR IMPLEMENTATION REDD PROJECTS IN PERU
Forests for People	42 Innovative forest and environmental legislation for better diversity	Ioan Vasile	Abрудan	Romania	Transilvania University of Brasov	Administration and management of state and non-state forests in Romania: one law, two perspectives
Forests for People	42 Innovative forest and environmental legislation for better diversity	Ljiljana	Keca	Serbia	Ass. Professor/University of Belgrade, Faculty of Forestry	Legal Aspects of Non-Wood Forest Products in Western Balkan
Forests for People	42 Innovative forest and environmental legislation for better diversity	Osman Devrim	Elvan	Turkey	istanbul university	ASSESSMENT OF THE PRECAUTIONARY PRINCIPLE IN TURKISH ENVIRONMENT AND FOREST LEGISLATION
Forests for People	42 Innovative forest and environmental legislation for better diversity	Florin	loras	United Kingdom	Buckinghamshire New University	Forest Fire: Reshaping forest ecosystems in Bosnia Herzegovina
Forests for People	5 Wood and forest culture: merging the past with the present	Michael	Grabner	Austria	University of Natural Resources and Life Sciences BOKU Vienna	Utilization of different Austrian wood species in past times – Knowledge for the future
Forests for People	5 Wood and forest culture: merging the past with the present	Mario	Tomazello	Brazil	Departamento de Engenharia Forestal, Universidade de Sao Paolo	Protecting Amazon tropical forests for the future: Program São Paulo Friends of Amazonia
Forests for People	5 Wood and forest culture: merging the past with the present	NAYANG TOUKAM	Inocent	Cameroon	Batoufam Fundom	Forests for Bamileké people: founding principles of the identical values and source of the community's economic development
Forests for People	5 Wood and forest culture: merging the past with the present	cui	haixing	China	School of Agricultural Economics and Rural Development, Renmin University of China	Study on the Forest Culture Construction of the Olympic Forest Park in China
Forests for People	5 Wood and forest culture: merging the past with the present	Victoria	Asensi Amoros	France	Xylodata SARL	Vatican Coffins Project: The wood analysis of the third Intermediate Period Coffins (Egypt).
Forests for People	5 Wood and forest culture: merging the past with the present	Emmanuel	Appiah-Kubi	Ghana	Forestry Research Institute of Ghana	Plantation Grown Tree species for Wood Carving in Ghana: Concerns of Traditional Wood Carvers
Forests for People	5 Wood and forest culture: merging the past with the present	SANGEETA	GUPTA	India	FOREST RESEARCH INSTITUTE	WOOD CULTURE DURING INDUS VALLEY CIVILIZATION IN ERSTWHILE INDIA
Forests for People	5 Wood and forest culture: merging the past with the present	antonio	frattari	Italy	University of Trento	Traditional Wooden Architecture in the Alpine Regions
Forests for People	5 Wood and forest culture: merging the past with the present	Juri	Fujieda	Japan	The University of Tokyo	The effect of bark extraction for hiwada roof production on the thickening growth of Chamaecyparis obtuse
Forests for People	5 Wood and forest culture: merging the past with the present	Abel	Olorunnisola	Nigeria	University of Ibadan, Nigeri	Emerging Patterns in the Utilisation of Wood and Plastic Products in Building Construction at Ibadan University Campus, Nigeria
Forests for People	5 Wood and forest culture: merging the past with the present	Blankson	Baffo	Ghana	Volta River Authority	Potential of the Forest to Produce Raw Material for the Wood Carving Industry in Ghana
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Syed	Rahman	Bangladesh	University of Copenhagen	Increasing Tree Cover in Degrading Landscapes: 'Integration' and 'Intensification' of Smallholder Forest Culture in the Alutilla Valley, Matiranga, Bangladesh
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Kunzang	Choden	Bhutan	Council for Renewable Natural Resources Research of Bhutan, Ministry of Agriculture and Forests, Thimphu, Bhutan	Community Forestry for Rural Livelihoods and Environmental Conservation - a case study from Bhutan

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Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Shyam	Paudel	Canada	University of British Columbia	Participatory approach to reduce deforestation and forest degradation: A case study from Houykhing Village Cluster, Laung Prabang Province of Lao PDR
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Guangyu	Wang	Canada	University of British Columbia	Changing the Forest Landscape in China
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Bal Krishna	Upadhyay	India	IIFM,Bhopal	Role of communication and leadership style preferences in performance of JFM committees
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Noviana	Khususiyah	Indonesia	ICRAF Southeast Asian Regional Office	Role of forest in livelihood strategy in the peat land of Central Kalimantan ex-mega rice project area
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Md. Wasiul	Islam	Bangladesh	Khulna University	Interaction among Different Actors with Particular Reference to Ecotourism Development at Lawachara National Park, Bangladesh
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Ajith	Chandran	Canada	University of British Columbia	Communication Challenges in Joint Forest Management in India: Perceptions of Senior Indian Forest Officers
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Monika	Singh	Canada	University of British Columbia	Emerging role of jurisprudence in shaping forest management in India
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Weiye	Wang	Canada	University of British Columbia	Underplanting forest products and farmers' income-- Cases from Hunan and Guangxi Provinces
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Lianzhen	Xu	Canada	University of British Columbia	Challenges and Opportunities for Sustainable Plantation Management in China
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Jiayun	Dong	China	Renmin University of China	Creating both conflicts and solution between customary and legislative regulation – case of China
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Zhai	Fusheng	China	Renmin University of China	Social structure, benefit sharing, and Converting cropland to forest land program in China—A case study in D village in Guizhou Province
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Zhiwen	Gong	China	Northwest A&F University	Impact of forest management on the value of ecosystem services:A case study in Loess Plateau,China
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Zhipeng	He	China	Renmin University of China	Stable or Vulnerable: Resource Shortage, Policy intervention and transformation—A Property Perspective
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Lanhui	Wang	China	Beijing Forestry University	Sustainable Forest Management in China----- the implementaion of Montreal process
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Hang	XUN	China	International Centre for Bamboo and Ratan	Rural Development with Non-timber Forest Products: The Case of Qiannan Buyi and Miao Autonomous Prefecture, Guizhouin China
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Yiwen	Zhang	China	Renmin University of China	Discourse Strategy and Action Option: the Natural Reserve and Peasants Under the “Fishing and Grazing Ban” Policy
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	KISHAN	AKULA	India	Indian Forest Service	Forest Management by People – Analysis of the Project in the State of Andhra Pradesh, India
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Padam	Bhojvaid	India	Forest Research Institute	Role of crop diversification through Agroforestry in Asian Economies

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Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Gulshan	Kumar	India	Department of Forests	Responding to Global drivers of Change for Sustainable Forest management, Bio-diversity conservation and Livelihood security
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Ajay Kumar	Mahapatra	India	Regional Plant Resource Center	Displacement, deprivation and development: Impact of conservation related relocation on livelihood of tribals in Similipal Tiger and Biosphere Reserve, India.
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Swapan	Mehra	India	Iora Ecological Solutions	Implementing REDD+ in community managed forests: Lessons from India
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Bala	Prasad	India	Department of AYUSH, Govt. of India	Medicinal Plants Based Management for Sustainability of Asian Forests
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Papia	Samajdar	India	Centre for Science and Environment(CSE)	Forest Rights Act - An Ideal tool for forest governance?
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	amulya	sinha	India	uttarakhand forest service INDIA	VAN PANCHAYATS – COMMUNITY BASED FOREST MANAGEMENT FOR SUSTAINABLE DEVELOPMENT AND LIVELIHOOD ACTIVITIES challenges and achievements
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Ravishankar	Thupalli	India	Independent Consultant	Joint Mangrove Management for Conservation and Management Mangroves– a case study on Mangroves from India
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Enny	WIDYATI	Indonesia	FORDA-INDONESIA	Community Involvement In Forest Management (CIFMs) To Improve People Livelihood In Indonesia
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Hai	Hoang	Japan	Kyoto university	Current status and potentialities for forest certification in Vietnam
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Kaori	Shiga	Japan	Forest Economic Research Institute	Impact of socio-economic circumstances to forest management and forest cover in Java Island, Indonesia
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Shawn	Hu	Korea, Republic of	Seoul National University	How to make a joint-management artistically: a case study on several urban parks in Guiyang, China.
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Ho Sang	KANG	Korea, Republic of	Seoul National University	ASEAN-Korea Environmental Cooperation Project as a successful model of regional cooperation for human resource development and local community improvement
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	JOSEPHINE	CRUZ	Philippines	CENTRAL BICOL STATE UNIVERSITY OF AGRICULTURE	Land use management prescriptions for Mount Isarog Natural Park (MINP) buffer zones
Forests for People	62 Challenges and opportunities in forest management and utilization in rapidly changing Asian economies	Bandumala	Suduhakuruge	Sri Lanka	Forest department	Assisted natural regeneration in degraded dry monsoon forests with the participation of rural people in Sri Lanka
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Michel	Soucy	Canada	Université de Moncton	Job habitat - an index of the socio-economic potential of forest stands
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Marcin	Jarzebski	Japan	The University of Tokyo	How farmers adapt (to) co-management of land as sustainable development platform - a study of community forestry program(s) in the Philippines
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Miki	Toda	Japan	University of Tsukuba	Impact of health care provision on the contribution of medicinal plants to health and livelihoods in Peruvian Amazon
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Sjerp	de Vries	Netherlands	Alterra/Cultural Geography, Wageningen UR	Peace and quiet please! Effects of visitor density on the mental restoration capacity of natural areas.

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Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Matilda	Annerstedt van den Bosch	Sweden	Department of Work Science, Business Economics and Environmental Psychology, Swedish University of Agricultural Sciences (SLU)	Evidence for health benefits of urban green motivates a “green” public health indicator – results from a systematic review and GIS-analyses
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Onjamirindra Sarobidy	Rakotonarivo	United Kingdom	School of Environment, Natural Resources and Geography, Bangor University, Wales, United Kingdom	Coercive forest conservation in least developed countries: What are the true local welfare costs?
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Krister	Andersson	United States	University of Colorado at Boulder	More Trees, Less Poverty? The Socioeconomic Impact of Tree Plantations in Chile
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Megan	Lupek	United States	Auburn University	Enabling and constraining factors for enrolling in conservation incentive programs: A case study of Alabama landowners
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Md. Nazmus	Sadath	Bangladesh	Khulna University and Georg August University, Göttingen	Forest offenders become the protector of the forest: A case study from Bangladesh inland Sal Forest.
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Marcel T.	Donou Hounsodé	Benin	Laboratory of Applied Ecology, Faculty of Agronomic Science, University of Abomey-Calavi	Use and quantification of ethnobotanics use value of raffia in Benin
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Vagner	Camilotti	Brazil	INPE - National Institute for Space Research	Ecosystem Services and Human Well-Being in the Brazilian Amazon: Contributions from a Landscape Analysis
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Nayu Nuringdati	Widianingsih	Denmark	Forest and Landscape Department, Copenhagen University	Forest Incomes in the Vicinity of a Restoration Concession (a Case Study from Harapan Rainforest, Indonesia)
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	olivier	picard	France	CNPF/IDF	The forest owner, key player in well-being in the forest
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Manjola	Salla	Germany	Georg August Universität	Community Forest Outcomes do Immensely Depend on the Behavior of Forest Users: A Case Study of Albania
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Emmanuel	Acheampong	Ghana	Kwame Nkrumah University of Science and Technology, Ghana	State Initiated Forest and Tree-based Livelihoods: The Case of Government Plantation Development Programme in Ghana
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Emmanuel	Appiah-Kubi	Ghana	Forestry Research Institute of Ghana	Strategies for sustainable dependence on the forest: the case of wood carvers in Ghana
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Davide	Travaglini	Italy	Università degli Studi di Firenze, Dipartimento di Economia, Ingegneria, Scienze e Tecnologie Agrarie e Forestali, Firenze (Italy)	Forest, Tourism and Wellbeing: human thermal comfort as an ecosystem service in Mediterranean forest
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Sreetheran	Maruthaveeran	Malaysia	University of Copenhagen	Fear of Crime in Urban Parks –Does Age, Gender and Ethnic makes a difference?
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Dharam Raj	Uprety	Nepal	Multi Stakeholder Forestry Programme (MSFP),	Analysing of different community based forestry in relations to employment and local livelihood in Nepal
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Felix	AYA	Nigeria	UNIVERSITY OF CALABAR, CALABAR, NIGERIA	AMENITY FORESTRY AND ENVIRONMENTAL SUSTAINABILITY: THE EXAMPLE OF CALABAR BOTANIC GARDEN, CROSS RIVER STATE, NIGERIA
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Oluwasanmi Tope	Bolanle - Ojo	Nigeria	Forestry Research Institute of Nigeria	SOCIO-ECONOMIC IMPORTANCE OF Chrysophyllum albidum IN RAINFOREST AND DERIVED SAVANNA ECOSYSTEMS OF ONDO STATE, NIGERIA
Forests for People	63 Forests and human wellbeing: Life satisfaction and behavioral approaches	Mangala	De Zoysa	Sri Lanka	University of Ruhuna, Sri Lanka	FARMERS WOODLOTS (FWLs) MANAGEMENT AND SUSTAINABLE LIVELIHOOD DEVELOPMENT: A CASE STUDY IN SOUTHERN SRI LANKA
Forests for People	66 Forests under pressure: Prerequisite conditions for forest-related sustainable development	Pia	Katila	Finland	Finnish Forest Research Institute	Introduction to the WFSE-project and the new book Forests under Pressure: Local Responses to Global Issues
Forests for People	66 Forests under pressure: Prerequisite conditions for forest-related sustainable development	Wil	de Jong	Japan	CIAS, Kyoto University	Forests under pressure: Possible Future Pathways
Forests for People	66 Forests under pressure: Prerequisite conditions for forest-related sustainable development	Jose Antonio	Sierra Huelsz	Mexico	University of Florida	Community-Based Forest Management in Quintana Roo, Mexico
Forests for People	66 Forests under pressure: Prerequisite conditions for forest-related sustainable development	Almeida	Siteo	Mozambique	Eduardo Mondlane University	Community rights and participation in the face of new global interests in forests and lands – the case of Mozambique

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Forests for People	66 Forests under pressure: Prerequisite conditions for forest-related sustainable development	GLENN	GALLOWAY	United States	UNIVERSITY OF FLORIDA	Prerequisite Conditions for Sustainable Forest Management: Synthesis of the Case Studies
Forests for People	66 Forests under pressure: Prerequisite conditions for forest-related sustainable development	Mark	Poffenberger	United States	Community Forestry International	Khasi Responses to Forest Pressures: A Community REDD+ Project from Northeast India
Forests for People	66 Forests under pressure: Prerequisite conditions for forest-related sustainable development	Marianne	Schmink	United States	University of Florida	Forest Citizenship in Acre, Brazil
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Danielle	Way	Canada	University of Western Ontario	Increasing access to forest science research while improving research impact: a perspective from Tree Physiology
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Pekka	Nygren	Finland	Finnish Society of Forest Science	From paper to bits - how to make and keep 100 years of forest science available online?
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Erwin	Dreyer	France	Inra	What future for research journals in forest and wood sciences?
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Kurniatun	Hairiah	Indonesia	Brawijaya University	Implications of changing publication formats for public accessibility of developing country forest and agroforestry science
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Sofie	Wennström	Sweden	Taylor & Francis	Search Engine Optimisation - should we edit or not?
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Susan	Kocher	United States	University of California Cooperative Extension	Development of boundary organizations to span barriers between fire science and fire managers in the United States
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Warren	Moser	United States	USDA, Forest Service	Progress in Knowledge Dissemination: Combining Fundamental and Applied Research Journals
Forests for People	68 How to make forest science available for all? Publishers', editors', and authors' challenges	Henry	Stelzer	United States	University of Missouri	Bringing Forest Science to the End-user: Three Key Challenges
Forests for People	72 The social education of foresters	John	Innes	Canada	University of British Columbia	Barriers to updating university forestry curricula
Forests for People	72 The social education of foresters	Marion	Karmann	Germany	Forest Stewardship Council - FSC International	Promoting gender competence of forestry students – experiences from GenCom international spring school
Forests for People	72 The social education of foresters	Per	Angelstam	Sweden	Swedish University of Agricultural Sciences	Solving problems in forest landscapes: Definition, Practice and Barriers of Transdisciplinary Research
Forests for People	72 The social education of foresters	Daniel	Sjödin	Sweden	Orebro University	Does counseling matter? An analysis of forest advisors' influence on forest management practices
Forests for People	72 The social education of foresters	Bianca	Baerlocher	Switzerland	Bern University of Applied Sciences	Social dynamics and integrative methods in Forestry Science Education
Forests for People	72 The social education of foresters	Louise	Fortmann	United States	UC Berkeley	Teaching Foresters about Gender, Property and Why they Matter
Forests for People	72 The social education of foresters	Susan	Kocher	United States	University of California Cooperative Extension	Facilitating social learning to improve collaboration between forest managers, stakeholders and communities
Forests for People	72 The social education of foresters	Siegfried	Lewark	Germany	University of Freiburg	Social sciences in forestry curricula – experiences at the University of Freiburg, Germany, over twenty years
Forests for People	72 The social education of foresters	DZUL'AFIFAH	ARIFIN	Indonesia	STUDENT	The Role of Forest Education Through Community - Based Forest Management Towards Community Empowerment in Gunung Sari Village, Bogor, West java
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Joaquim Bento	de Souza Ferreira Filho	Brazil	University of São Paulo	Employment and income generation in the non-timber economic activities in the Brazilian Amazon
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Roberto	Porro	Brazil	Embrapa Eastern Amazon	Challenges for community forest management through partnerships with private companies: lessons learned in Anapu
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Alejandro	Guarin	Germany	German Development Institute / Deutsches Institut für Entwicklungspolitik	The role of smallholders in a green economy: the case of Peru
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Pablo	Pacheco	Indonesia	CIFOR	Forest management by smallholders in Western Amazon: Towards more integrated approaches
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Margaret	Skutsch	Mexico	Centro de Investigaciones en Geografía Ambiental, Universidad Nacional Autónoma de México	Opportunities and perceptions of smallholders regarding their potential to contribute to forest landscape transitions under REDD+. Two case studies from Mexico

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Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Valentina	Robiglio	Peru	ICRAF	Frontier landscapes in the Peruvian Amazon: options by smallholders along the forest transition curve
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	VAZQUEZ	ANTONIO	Spain	UNIVERSIDAD AUTÓNOMA DE MADRID	endogenous development in the tropics the search for strategies and policies
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Cara	Rockwell	United States	CIFOR-Peru	Traditional perspectives on ecology and timber extraction in a bamboo-dominated forest: A complementary knowledge base for sustainable management
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Walter Benjamín	Rivera Coria	Bolivia	National Federation of Municipal Governments of Bolivia - FAM Bolivia	New roles of indigenous peoples as productive actors linked to the forest sector of Bolivia
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Rosemeri	Moro	Brazil	UEPG	THE ROLE OF SOUTHBRAZILIAN TRADITIONAL COMMUNITY FORESTS (FAXINAIS) IN ATLANTIC FOREST CONSERVATION
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Carla	Morsello	Brazil	University of São Paulo	Does trading non-timber forest products drive specialisation in products gathered for consumption? Evidence from the Brazilian Amazon
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Danilo Ignacio	Urzedo	Brazil	University of Sao Paulo	Livelihoods outcomes of tropical forest seed production in the Upper Xingu region of the Brazilian Amazon
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Lisa	Hansen	Canada		Smallholder Land-use Management in Bosawas Biosphere Reserve, Nicaraguas Agricultural Frontier
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	HANS	GROSSE	Chile	INSTITUTO FORESTAL	CHILEAN FOREST SME PROJECTION
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	César	Polanco	Colombia	Universidad Distrital Francisco José de Caldas	STRENGTHENING SUSTAINABLE FOREST MANAGEMENT IN THE COLOMBIAN AMAZON ORIENTED BY IN SITU WOOD TRANSFORMATION
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Jamie	Cotta	Denmark	University of Copenhagen	The role of forests, fallows and fisheries in household income generation and flood shock coping in the Peruvian Amazon floodplain
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Olga Consuleo	Del Carpio Velarde	Peru	IMAGEN	SUSTAINABLE INNOVATIVE INICIATIVES OF INDIGENOUS PEOPLES, WITH AMAZON FOREST MANAGEMENT
Forests for People	82 Smallholders and forest landscape transitions: Locally devised development strategies of tropical America	Aoife	Bennett-Curry	United Kingdom	CIFOR/Oxford University	Assessing the effects of oil palm plantation incentives as an economic development model for smallholders in the Peruvian Amazon
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Giovanni	Sanesi	Italy	Dip. Scienze Agro-Ambientali e Territoriali, Università degli Studi di Bari	Perceived restorativeness of different urban green typologies of two cities in Italy
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Akemi	Itaya	Japan	Mie university	Long-term landform transformations in a suburban forest using aerial photographs and DEMs generated from historical topographic maps
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Shawn	Hu	Korea, Republic of	Seoul National University	Rainwater harvesting for urban forestry: a case study of two South Korean cities
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Wybe	Kuitert	Korea, Republic of	Seoul National University, Graduate School of Environmental Studies, South Korea	Resilience and Identity with Urban Forests: a Landscape System Approach
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	OLUWOLE JOHN	PELEMO	Nigeria	Forestry Research Institute of Nigeria	Landscape Restoration of Agodi/Premier Hill, Ibadan, Nigeria
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Nisa	Leksungnoen	Thailand	Kasetsart University	The effect of mega-flood disaster on tree species diversity in Bangkok metropolis and suburban, Thailand

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Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Muhittin	İnan	Turkey	Istanbul University, Faculty of Forestry	Determination and Estimation of Temporal Changes in Land Cover in Northern Forest of Istanbul, Turkey
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Robert	Loeb	United States	The Pennsylvania State University DuBois Campus	Old Growth Urban Forests: Synthetic Research Methodology and Historical Continuity Management
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Yadong	Qi	United States	Southern University of United States	Urban Forest Structure Characteristics and Public Perception of Representative City Parks in Beijing, China
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Mingzhu	Wang	Australia	Macquarie University	Improving urban forest management using remote sensing technologies along major transport corridors in Sydney, Australia
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Silvia Méri	Carvalho	Brazil	UEPG-State University of Ponta Grossa	Spatial distribution of green spaces in the urban area of Ponta Grossa (Paraná-Brazil)
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Mayssa	Grise	Brazil	UFPR	Urban forestry identification with high resolution remote sensing
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Everaldo	Lima Neto	Brazil	State University of Roraima, UERR	GEOGRAPHIC INFORMATION SYSTEM AND MONITORING OF URBAN FOREST IN BOA VISTA, RORAIMA, BRAZIL
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Angeline	Martini	Brazil	UFPR	Thermal comfort provided by an urban forest fragment in the Universidade Federal do Paraná, Brazil
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	fanhua	KONG	China	Nanjing University	Analysis of factors contributing to the Urban Green Space Cooling Island Intensity in the summer
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Nancai	Pei	China	Research Institute of Tropical Forestry, Chinese Academy of Forestry	Pb and Cd contaminants stay mostly in soil and accumulate differently among trees in an urbanized region of south China
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Nana Y	Opuni-Frimpong	Ghana	CSIR-Forestry Research Institute of Ghana, Kumasi	EFFECTS OF URBANIZATION OF GHANA ON URBAN FORESTS AND PERI-URBAN COMMUNITY LIVELIHOODS
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Michela	Conigliaro	Italy	FAO	Forest and Cities, Strategies and Actions: a review on 20 years of FAO activities on urban forestry and green infrastructure.
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Wendy	McWilliam	New Zealand	Lincoln University	Barriers to the effective planning and management of residential encroachment within urban woodland edges: a Southern Ontario case study
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Urša	Vilhar	Slovenia	Slovenian Forestry Institute	Towards a harmonized monitoring of water provisioning, regulating and purifying services in urban forests
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Bulent	Acma	Turkey	Anadolu University	Ecosystem and Ecocity Planning: Southeastern Anatolia Region in Turkey
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Nilüfer	Kart Aktaş	Turkey	Istanbul University, Faculty of Forestry, Department of Landscape Planning and Design	Changing Demands: Human Needs or Ecosystem Functions
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	Michael	Kuhns	United States	Utah State University Wildland Resources Department	Urban Forestry Changes in the Western U.S.
Forests for People	88 Resilience and Identity with urban forests: A landscape system approach	David	Kulhavy	United States	Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University	Use of ARDrone Quadcopter, iTree and Shade Tree Hazard Rating for Urban Trees
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Michael Philippe	Bessike Balinga	Burkina Faso	CIFOR	Influence of tenure and gender on livelihood values and management of NTFPs in Burkina Faso
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Purabi	Bose	India	International Center for Tropical Agriculture	Forest tenure, collective rights and gender dimensions in India, Uganda and Bolivia
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Elok	Mulyoutami	Indonesia	World Agroforestry Centre (ICRAF), Southeast Asia Regional Office, Indonesia	Gendered land and land-based livelihood systems in Jambi province, Indonesia
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Madhu	Ghimire	Nepal	Ministry of Forests and Soil Conservation	Mainstreaming Gender into Forest Strategy of Nepal
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Han	van Dijk	Netherlands	Wageningen University	Dryland forest tenure, political conflict and gender dynamics in the Sahelian zone
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Anne	Larson	Peru	CIFOR	Challenges and Opportunities for Women's Participation in the Management of Communal Forests: Experience from Nicaragua's Indigenous Territories

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Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Bhawana	Upadhyay	Thailand	RECOFTC	How gender inclusive are forest policies in the countries of the Asia Pacific?
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Pamela	Jagger	United States	University of North Carolina at Chapel Hill	How forest tenure mediates forest based rural livelihoods: Observations from a global study on forests and poverty
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Joana	Carlos Bezerra	Brazil	The State University of Campinas	Gender and Access to Land in Amazonian Countries: a comparative study on their legal framework
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Bhagwati	Joshi	India	Government Post Graduate College, Rudrapur, Uttarakhand, India	Participatory Forest Management in Himalaya: Change Through Women's Education and Capacity Building
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Shila	Gnyawali	Nepal	Department of Forests	Degraded Forest Management an Entry Point for Women Empowerment, Natural resource Management and New Business; A Case from Nepal
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Aida	Lapis	Philippines	Ecosystems Research and Development Bureau	Gender Participation in Mangrove Conservation and Rehabilitation: The Case of Four Philippine Mangrove Project Areas
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Priyanka	Bhalla	Singapore	National University of Singapore	Women's decision making power in the Indian Forest Rights Act Process: A ground level exploration of village, sub-division and district level committees in Orissa
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Linley	Chiwona-Karltun	Sweden	Swedish University of Agricultural Sciences	Gender, forests and food security: A systematic review
Forests for People	91 Impact of tenure arrangements on forests, livelihoods and gender dynamics	Kanna	Siripurapu	United States	University of Maryland at College Park	The Significance of Supporting Structures for Enhanced Participation of Women in Forest Management
Forests for People	Social sustainability of forest resource use	Md. Wasiul	Islam	Bangladesh	Khulna University	Assessment of tourism impacts towards sustainable co-management approach- a case study at Satchari National Park, Bangladesh
Forests for People	Social sustainability of forest resource use	Fatemeh	Bakhtiari	Denmark	Copenhagen university	Willingness to travel to avoid conflict for forest recreation planning
Forests for People	Social sustainability of forest resource use	Sulmaz	Mohandesi Namin	Germany	Teschnische Universität Dresden	Local communities' perception and awareness about protected areas in Iran (A case of Golestan National Park)
Forests for People	Social sustainability of forest resource use	Sneha	Thapliyal	India	Indian Institute of Management Bangalore	THE GREAT INDIAN CONSERVATION DEBATE: CONTEXTUALIZING INEQUALITIES
Forests for People	Social sustainability of forest resource use	Dorin	Lida	Indonesia	Bogor Agricultural University (IFSA LC-IPB)	Sylvoestate as a Model Landscape, Ecotourism Basic and Integrated Technique for Sustainable Forest Management in North Coast Banda Aceh
Forests for People	Social sustainability of forest resource use	Anna	Stens	Sweden	Umea university	Managing Forest Aesthetics in the Boreal Fringe
Forests for People	Social sustainability of forest resource use	Grace Iara	Souza	United Kingdom	King's College London	"Whose human security are you talking about?" Local voices from a global common: Perceptions of the Brazilian Amazon
Forests for People	Social sustainability of forest resource use	Rose	Gochenaur	United States	University of Utah	Barriers and bottlenecks: Do Off Highway Vehicle (OHV) recreationists' perceptions of supply meet actual supply? A management approach to understanding OHV recreationists' supply and demand.
Forests for People	General Poster Session	Heni	Kurniasih	Australia	Melbourne School of Land and Environment, The University of Melbourne, Australia	INNOVATION IN COMMUNITY FORESTRY: UNDERSTANDING COMMUNITY FORESTRY DEVELOPMENT STAGES IN INDONESIA
Forests for People	General Poster Session	Pauline	Gillet	Belgium	ULg- Gembloux Agro-Bio Tech	The effect of the deforestation rate on human activities in Central Africa: CoForTips project
Forests for People	General Poster Session	Akomian Fortuné	Azihou	Benin	Laboratory of Applied Ecology, Faculty of Agronomic Sciences, University of Abomey-Calavi	Community forests, local people and tropical biologists: new opportunities for conservation out of protected areas
Forests for People	General Poster Session	Walter Benjamín	Rivera Coria	Bolivia	National Federation of Municipal Governments of Bolivia - FAM Bolivia	Formulating a proposal for a strategy to prevent and control fires in protected areas by means of governance criteria
Forests for People	General Poster Session	GLORIA DA SILVA	ALMEIDA	Brazil	UNIVERSIDADE DE BRASÍLIA	Principal Component Analysis for Features Growth IN Inga edulis Mart
Forests for People	General Poster Session	Daniela	Biondi	Brazil	UFPR	UPDATED IDENTIFICATION AND EVALUATION OF SPECIES PRODUCED BY BARREIRINHA MUNICIPAL NURSERY GARDEN IN CURITIBA, PARANÁ, BRASIL
Forests for People	General Poster Session	Daniela	Biondi	Brazil	UFPR	Project Floresta-Escola: an interaction between elementary school students and the forest.
Forests for People	General Poster Session	Manoela	Lopes	Brazil	Universidade Federal do Rio Grande do Sul	DISCUSSION OF HOUSE PROJECT BILL 30/2011 FOR BRAZILIAN FOREST CODE AND CHANGES ON PERMANENT PRESERVATION AREAS IN THE BASIN OF RIO PARDO.

Congress Theme	Session Title	First Name of Presenting Author	Last Name of Presenting Author	Country of Residence	Affiliation/Organization	Presentation Title
Forests for People	General Poster Session	Yves	MEYANGA TONGO	Cameroon	Senior Researcher, Agro economist -forest policy and economics /Ministry of scientific research and innovation- Yaoundé Cameroon	Prospects for the co- management of bombo-lumene parc in the periphery of the city of Kinshasa in DRC
Forests for People	General Poster Session	Joleen	Timko	Canada	UBC Forestry - AFRICAD	Assessing the socio-economic impacts of the improved cookstove, Chitetzombaula, in Malawi
Forests for People	General Poster Session	Zhipeng	He	China	Renmin University of China	Technology Transformation, Resource Degradation and Institutional Changes in Natural Resource Management—an Example of M Village
Forests for People	General Poster Session	Chia-Wei	Chang	China - Taipei	National Chung Hsing University, Taiwan	Adhesion, Finishing and Decay Resistance Performances of Heat-treated Wood
Forests for People	General Poster Session	Ming-Yuan	Huang	China - Taipei	National Chiayi University	A Study on Forestry and Related Students' Cognition, Attitude and Behavior toward Biodiversity in Taiwan
Forests for People	General Poster Session	Germán	Ríos	Colombia	Agenda por los Bosques y la Gente de San Lucas, Colombia	RIGHTS FOR RURAL PEOPLE AND THE CONSERVATION OF COLOMBIAN FOREST RESERVES
Forests for People	General Poster Session	John	Sánchez Correa	Colombia	Colciencias - Colombia	Management of regeneration on hurricane-affected forests and its implications for the development of indigenous communities in the North-Atlantic Region, Nicaragua
Forests for People	General Poster Session	Ronnie	De Camino	Costa Rica	Red Iberoamericana de Bosques Modelo (RIABM) - CATIE	Local Team Leadership for Sustainable Development: The Case of the Model Forests of the Ibero-American Network
Forests for People	General Poster Session	Victor	Meza	Costa Rica	Universidad Nacional de Costa Rica	Essential socio-economic factors affecting forest conservation in farmers' lands in Central America
Forests for People	General Poster Session	Vilém	Podrázský	Czech Republic	CULS Prague	Is the Czech frontier forest myth or reality?
Forests for People	General Poster Session	Elena	Mejia	Ecuador	CIFOR	Participation of women in forestry activities: the case of women an invisible workforce in Ecuador
Forests for People	General Poster Session	Timo	Hokkanen	Finland	Center for Economic Development, Transport, Tourism	Communication and collaboration platform for Integrated landscape planning
Forests for People	General Poster Session	Somidh	Saha	Germany	University of Freiburg	Use of medicinal plants among Panchen-Monpa tribe in remote region in the Eastern Himalayas, India
Forests for People	General Poster Session	Grace	Villamor	Germany	Center for Development Research, University of Bonn, Germany and World Agroforestry Centre (ICRAF), Bogor, Indonesia	Gender differences in land-use decision making and its implication to ecosystem services: a case in Indonesia
Forests for People	General Poster Session	WINNIE EFUA ESHUN	KOFIE	Ghana	FORESTRY RESEARCH INSTITUTE OF GHANA	WILLINGNESS OF LOCAL COMMUNITIES TO PARTICIPATE IN REDD+ ACTIVITIES: A Case Study in Communities in Forest and Forest Savannah Transition Zones in Ghana.
Forests for People	General Poster Session	SWATI	CHALIHA	India	FOUNDATION FOR ECOLOGICAL SECURITY	Mapping boundaries of Community Conserved Areas: Institutional and operational challenges
Forests for People	General Poster Session	Suvarna	Chandrapagari	India	Government of Andhra Pradesh	Gender balancing in forestry administration: An analysis of Pros and Cons from India
Forests for People	General Poster Session	Mohammed	Haque	India	NABARD Consultancy services	Analysis of Afforestation data in watersheds developed by NABARD (National Bank for Agriculture and Rural Development) with community participation
Forests for People	General Poster Session	Muthyala	Reddy	India	Institute of Forest Biodiversity, Hyderabad (India)	Economics of Pongamia pinnata (L) Pierre in rural Andhra Pradesh (India)
Forests for People	General Poster Session	Manisha	Thapliyal	India	Forest Research Institute	Ex situ germination behaviour of stored seeds of medicinal plants from Indian Himalayas
Forests for People	General Poster Session	Dharmendra	Verma	India	Director, Forest Education Government of India	BUREAUCRACY, FORESTS AND PARTICIPATION: A CASE STUDY OF THE IMPLEMENTATION OF JOINT FOREST MANAGEMENT IN MADHYA PRADESH, INDIA
Forests for People	General Poster Session	Meti	Ekayani	Indonesia	Department of Resource Economics & Environment, Bogor Agricultural University	Promoting Co-Benefits of Ecotourism as A Complementary Strategy for Sustainable Gunung Halimun Salak National Park Management

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Forests for People	General Poster Session	Messalina	Salampessy	Indonesia	Pattimura university	PRINCIPAL AGENT IN TREE MORTGAGE SYSTEM ON TRADITIONAL AGROFORESTRY MANAGEMENT IN MOLUCCAS INDONESIA
Forests for People	General Poster Session	Taulana	Sukandi	Indonesia	Research and Development Center for Forest Conservation and Rehabilitation, Ministry of Forestry	PERCEPTION AND ADAPTATION OF LOCAL PEOPLE TO CLIMATE CHANGE: A CASE STUDY IN MANTANGAI SUB-DISTRICT (INDONESIA)
Forests for People	General Poster Session	Azade	Deljooei	Iran	university of tehran	Evaluating of Accuracy and precision of different GPS positioning models in urban forestry
Forests for People	General Poster Session	Yukina	Funasaka	Japan	Graduate school of bioagricultural sciences, Nagoya university	The research about raising the safety awareness of forestry in Japan
Forests for People	General Poster Session	Masami	Shiba	Japan	Faculty of Agriculture, University of The Ryukyus, Okinawa, Japan	Comparison between Western and Eastern historical views of sustainability (Nachhaltigkeit) principles of forest use
Forests for People	General Poster Session	sora	Lee	Korea, Republic of	Dongguk university	Effect of soluble sodium silicate on wild Panax ginseng growth in red soil in Korea
Forests for People	General Poster Session	Farah Fazwa	Md Ariff	Malaysia	FRIM	THE ART AND SCIENCES OF R&D ON CONSERVATION AND CULTIVATION OF MALAYSIA "QUEEN OF HERBS" FOR FUTURE WEALTH
Forests for People	General Poster Session	Khaulenbek	Akhmadi	Mongolia	Institute of Geoecology, Mongolia	RESEARCH AND EXPERIMENTAL CENTER DESIGN AS A TOOL FOR TECHNOLOGY PROPAGATION FOR DLDD
Forests for People	General Poster Session	Ram Prasad	Lamsal	Nepal	Ministry of Forests and Soil Conservation	Addressing climate change adaptation and mitigation through community-based forest management in Nepal
Forests for People	General Poster Session	Estanislao	Salazar	Nicaragua	UAM	Evaluation of the adaptability of tree species in forest plantations of Rio San Juan, Nicaragua and San Carlos Costa Rica
Forests for People	General Poster Session	Sasikumar	Kumarasamy	Norway	Norwegian University of Science and Technology	Environmental And Economic Impact Of Mangrove Deforestation -Case Study Of Vadamardchy East, Sri Lanka.
Forests for People	General Poster Session	Leoncio	Ugarte-Guerra	Peru	James Cook University	A comparative study about tree production and tree germplasm distribution in PNG and Peru
Forests for People	General Poster Session	Floribel	Paras	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Banos, College, Laguna, Philippines	Community Perspectives for a Cacao-Based Agroforestry Development in Camalig, Albay Province in the Philippines: An Application of the Q-Methodology
Forests for People	General Poster Session	Ibraheem	Lawal	South Africa	Forestry Research Institute of Nigeria	Phytotherapeutic information on plants indigenously used for the treatment of tuberculosis in Eastern Cape Province, South Africa.
Forests for People	General Poster Session	Ibraheem	Lawal	South Africa	Forestry Research Institute of Nigeria	Potentials and Challenges of Indigenous Natural Healing Practices among People of Ilugun, Ogun State, Nigeria
Forests for People	General Poster Session	Thomas	Kronholm	Sweden	Swedish University of Agricultural Sciences	How do family forest owners experience their relationship with service providers?
Forests for People	General Poster Session	Ahmad	Dhialhaq	Thailand	RECOFTC - The Center for People and Forests	Identifying potential sources of conflict in different types of intervention to community land and forests
Forests for People	General Poster Session	éssotèbèmime	PADAKALE	Togo	University of Lome/FDS/Laboratory of botany and ecology	Populations structure of Parkia biglobosa Jacq.G. Don in parklands in soudanian zone in Togo
Forests for People	General Poster Session	Nassifatou Koko	TITTIKPIINA	Togo	UNIVERSITY OF LOME (UNIVERSITE DE LOME)	Plants used to treat infectious diseases in Togo: Pterocarpus erinaceus Poir (Faboidae) and Daniellia oliveri (Rolfé) Hutch. and Dalz (Caesalpinoideae)
Forests for People	General Poster Session	Mehmet	Güven	Turkey	Eastern Anatolia Forestry Research Institute	DETERMINATION AWARENESS AND INTEREST LEVEL OF THE FOREST VILLAGERS OF SARIKAMIŞ TOWN ON GLOBAL CLIMATE CHANGE
Forests for People	General Poster Session	Mehmet	Özdemir	Turkey	Marmara Forestry Research Institute	New Silvicultural Approaches for the Production of NTFP in Turkey : The Case of Marmara Region
Forests for People	General Poster Session	Tamara	Cushing	United States	Clemson University	An international examination of tax and accounting rules and the impact on forest land ownership
Forests for People	General Poster Session	Tracey	Frescino	United States	US Forest Service	Small area estimation of forest attributes within fire boundaries
Forests for People	General Poster Session	Amy	Grotta	United States	Oregon State University	Evaluating the Importance of Landowner Engagement in Forest Management Planning

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Forests for People	General Poster Session	Anna	Santo	United States	Virginia Tech	Eradicating an invasive species: Landowner perceptions of impacts to ecosystem services
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Douglas	Godbold	Austria	Institute of Forest Ecology, University of Natural Resources and Life Sciences (BOKU)	Tree species identity influences the accumulation of recalcitrant deep soil carbon
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Jason	Barker	Canada	University of British Columbia	Using a genomic approach to unearth how variable retention harvesting affects the contribution of roots and mycelia to carbon sequestration.
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Dali	Guo	China	Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences	Reevaluating the role of roots and mycorrhizal hyphae in belowground C and nutrient cycling in forests
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Yingchun	Liao	China	Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences	Relation of fine roots vertical distribution to soil carbon in Cunninghamia lanceolata forest in subtropical China
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Michael Luke	McCormack	China	Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences	Estimates of forest fine root productivity based on functional classification of fine roots and root traits
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Heljä-Sisko	Helmisaari	Finland	Department of Forest Sciences, University of Helsinki	C input into forest soil from below- and aboveground litter in climatically contrasting Norway spruce forests
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Maeght	Jean-Luc	France	IRD	Differentiation in roots dynamic, water uptake and carbon Storage of teak tree (<i>Tectona grandis</i>) in northern Laos under a throughfall exclusion.
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Ji Young	An	Japan	Kyoto University	The relationship between fine root and litterfall dynamics across various types of temperate deciduous and coniferous forests
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Mizue	Ohashi	Japan	University of Hyogo	Applicability of mesh methods for the estimates of fine root production in forest ecosystems
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Jogeir N.	Stokland	Norway	The Norwegian Forest and Landscape Institute	The burial of aboveground woody debris - an important source of soil carbon
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	James	Boyle	United States	College of Forestry, Oregon State U.	Tree Root Systems and Nutrient Mobilization: Mineral Weathering by Rhizospheres and Deep Roots.
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Jason	James	United States	University of Washington	The Quantity and Storage Mechanisms of Carbon in Deep Soil Horizons of the Pacific Northwest
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Torsten W.	Berger	Austria	Institute of Forest Ecology, BOKU-University Vienna	Greater accumulation of litter in spruce (<i>Picea abies</i>) compared to beech (<i>Fagus sylvatica</i>) stands is not a consequence of the inherent recalcitrance of needles
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Geraldo G.	Reis	Brazil	Universidade Federal de Viçosa-Brazil	LATERAL ROOT DISTRIBUTION OF <i>Eucalyptus camaldulensis</i> AND <i>Eucalyptus pellita</i> UNDER DIFFERENT TREE SPATIAL ARRANGEMENTS
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Suzana	Salis	Brazil	Embrapa Pantanal	Behaviour of roots of savanna species in the Pantanal wetlands, Brazil
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Shalom Daniel	Addo-Danso	Canada	Ecosystem Services and Climate Change Division, Forestry Research Institute of Ghana/ Department of Forest and Conservation Sciences, University of British Columbia	Methods for quantifying root dynamics for forest carbon studies-a review
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Oluwabunmi	Akande	Canada	University of Alberta	Soil Respiration across Different Scales and Successional Time Scales in Boreal Mixedwood Forests
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	yuan	chai	China	Beijing forestry university	The Influence between Morphological Plasticity and Biomass Allocation on Two Provenances of <i>Abies holophylla</i> Seedlings under Different Nitrogen Fertilization Regime
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Ruimei	Cheng	China	Research Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	Spatial distribution of root biomass of <i>Pinus Massoniana</i> plantation in Three Gorges Reservoir Area, China
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Enzai	Du	China	Peking University	Threshold and Analogy in Ecological research: Ideas and Examples

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Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Yuan-qiu	Liu	China	College of Forestry, Jiangxi Agricultural University	Effects of stand structure regulation on soil labile organic carbon under Pinus elliotii plantation
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Ling	Ma	China	Northeast Forestry University	Seasonal dynamics of soil microorganism in Zhalong reed
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Zeqing	Ma	China	Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences	Different allocation patterns of 18 chemical elements in leaves, branches and different root branch orders across 18 species in Gurbantunggüt desert in China
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Huiming	Wang	China	Qianyanzhou Ecological Research Station, Key Laboratory of Ecosystem Network Observation and Modeling, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences	Precipitation frequency controls interannual variation of soil respiration in a subtropical forest
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Arvo	Tullus	Estonia	University of Tartu	Free Air Humidity Manipulation (FAHM) experiment in Estonia provides new knowledge of climate change effects on Northern forests
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Yogan	Monnier	France	INRA	Understanding how tree roots influence soil properties and biotic processes in agroforests
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Eny	Faridah	Indonesia	Faculty of Forestry, University of Gadjah Mada	The Effect of Compost and Shading Application on Mycorrhizal Density in Pinus merkusii Forest Floor following Topsoil Removal
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Sebastian	Persch	Indonesia	CIFOR	Fine root turnover within land-use change from primary forest to degraded forest and oil palm plantation on tropical peat
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Nicola	La Porta	Italy	The EFI Project Centre on Mountain Forests (MOUNTFOR), Edmund Mach Foundation,	454 Pyrosequencing analyses of mountain forest soils reveal a high fungal diversity and a rapid response to successional stages
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	SeungHyun	Han	Korea, Republic of	Korea University, Republic of Korea	Estimating fine root biomass of Pinus densiflora using soil core sampling and minirhizotron techniques
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Babs	Stuiver	Sweden	Swedish University of Agricultural Sciences	Nitrogen fixation rates of Pleurozium and Hylocomium moss communities along a 42 year chronosequence following clear-cutting
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Tymur	Bedernickek	Ukraine	M.M. Gryshko National Botanical Garden	Water Extractable Organic Carbon in Soil under Various Forest Management Scenarios
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Julius	Adewopo	United States	University of Florida	Response of autotrophic and heterotrophic soil respiration to long-term management in tree-based and treeless grassland ecosystems.
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Althea	ArchMiller	United States	Auburn University	Temporal and spatial variability of soil carbon flux in longleaf pine forests in the southeastern United States
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Antra	Boca	United States	Utah State University	Foliage and root contribution to SOC pools in Utah forest soils.
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	John	Butnor	United States	USDA Forest Service	Integrating methodologies to quantify stand-level belowground biomass
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Lafe	Conner	United States	Brigham Young University	Growing season patterns of soil respiration in aspen forests and subalpine meadows: influence of snowpack and timing of melt
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Zakiya	Leggett	United States	Weyerhaeuser Company	Organic matter management effects on tree productivity, soil carbon and nutrients in a loblolly pine plantation
Forest Biodiversity and Ecosystem Services	104 Forests, roots and soil carbon	Adam	Trautwig	United States	Auburn University	Mycorrhizal Communities in Imperata cylindrical Invaded and Non-Invaded Commercial Pinus taeda Stands
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Florian	Irauschek	Austria	University of Natural Resources and Life Science Vienna	Ecosystem services and climate change. A decision support process for a community forest in the Austrian Alps
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Harald	Vacik	Austria	Institute of Silviculture, University of Natural Resources and Life Sciences	Community of Practice of Forest Management Decision Support Systems and Lessons Learned for DSS development and application

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Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Salifou	TRAORE	Burkina Faso	University of Ouagadougou, Department of Life and Earth Sciences, Laboratory of Biology and Plant Ecology	Impact of future climate and land use changes on plant diversity attributes in semi-arid West Africa
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Antti	Mäkinen	Finland	Iptim Inc.	Long-term forest planning under risk and uncertainty; can robust linear programming help?
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Valentine	Lafond	France	IRSTEA	Studying trade-offs between biodiversity and ecosystem services: an integrated modeling approach based on uneven-aged mountain forests.
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Christine	Fürst	Germany	Center for Development Research (ZEF) Dept. Ecology and Natural Resources Management University of Bonn	Supporting participatory land use planning processes and decisions – the GISCAME platform
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Jordi	Garcia-Gonzalo	Portugal	Instituto Superior de Agronomia. Centro de Estudos Florestais. Universidade Técnica de Lisboa.	Architecture of a decision support system to address climate change (SADFLOr)
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Keith	Reynolds	United States	USDA Forest Service Research	Design features behind the success of the Ecosystem Management Decision Support System
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Efrain Alejandro	Calzadilla Zaldivar	Cuba	Instituto de Investigacion Forestal	The Cuban Experience with In Integrated Forest Farms: The Case of "La Aurora", Municipality of San Cristobal, Artemisa Province, Cuba
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Jan	Kaspar	Czech Republic	Faculty of Forestry and Wood Sciences CULS Prague	Spatial aspects of biodiversity as a part of harvest scheduling decision process
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Robert	Marusak	Czech Republic	Faculty of Forestry and Wood Sciences, CULS Prague	DSS OPTIMAL - a case study form the Czech Republic
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Juan Carlos	Flores Lopez	Honduras	CATIE	What is the value of the pine-oak forest to communities living in it?
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Byungoh	Yoo	Korea, Republic of	Korea Forest Research Institute	Classification of management types for black pine forests by GIS-based approach and multivariate analyses
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Almazbek	Orozumbekov	Kyrgyzstan	Kyrgyz National Agrarian University	THE CONSERVING EDEN: PARTICIPATORY FOREST MANAGEMENT IN THE TIEN SHAN REGION
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Francisco	Dominguez Hernandez	Mexico	Benemerita Universidad Autonoma de Puebla	The System of Silviculture for Conservation and Development (SICODESI), lessons from a successful case of forest management in Jalisco, México
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Susana	Barreiro	Portugal	Technical University of Lisbon, School of Agriculture	Evaluating future wood availability in Europe. Methods and Tools
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Rok	Pisek	Slovenia	Slovenia Forest Service	Balancing biomass and biodiversity in protected areas, the Triglav National Park case study
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	Tomas	Lamas	Sweden	Sveriges Lantbruksuniversitet	Climate-driven challenges for long and short term forest management planning in a boreal setting
Forest Biodiversity and Ecosystem Services	118 Providing ecosystem services under climate change: Community of practice of forest decision support systems	WEERAKASET	SUANPAGA	Thailand	Department of Civil Engineering, Faculty of Engineering, Kasetsart University	Preliminary Study of Site Suitability Model for Fraxinus griffithii Plantation in Highland, Thailand

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Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Stamper	Karl	Austria	BOKU	State of the art and perspectives of European cable yarding technologies and systems
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Adi	Gangga	Indonesia	International Forestry Students' Association (IFSA)	The role of Lawu Montane Forests: Lithocarpus sundaicus (Bl.) Rehd. in Ecological and Economical Aspect for Local People
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Giorgio	Alberti	Italy	MOUNTFOR Reserach Center	Conversion of Fagus sylvatica coppices to high forests: results from a thirty year experiment in Eastern Italian Pre-alps
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Raffaele	Cavalli	Italy	Dept. TESAF University of Padova	Forest operation engineering and management for sustainable use of mountain forests
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Hideo	Sakai	Japan	University of Tokyo	Prospectives and challenges of cable logging in Japan
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Alexander	Omelko	Russian Federation	Institute of Biology & Soil Science Far Eastern branch of Russian academy of sciences	How to determine the minimum area needed for sustainable existence of tree species populations?
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Zuzana	Sarvasova	Slovakia	National Forest Centre	Multifunctional governance of mountain forests in Europe
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Michael	Maroschek	Austria	Institute of Silviculture, Department of Forest and Soil Sciences, University of Natural Resources and Life Sciences, Vienna	Extending and improving indicator based assessment tools for rockfall protection
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Qinglin	Huang	China	Chinese Academy of Forestry	Ideal structure of natural broad-leaved forest in the Mid-subtropical montane zone of Fujian Province, China
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Ruozhu	Lin	China	Research Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	Preliminary Assessment of the Ecological Impact of Loranthus tanakae (Loranthaceae) on oak forests in Qinling Mountain, China
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Salvatore	Martire	Finland	European Forest Institute	Decision-support tools for sustainable rural development: the case of the alpine area of Como Lake, Italy
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Frédéric	Gosselin	France	IRSTEA	Tree species diversity and abundance as indicators of understory diversity and abundance in French mountain forests: Variations in ecological space
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Tamalika	Chakraborty	Germany	University of Freiburg	Impact of anthropogenic disturbances on high value NTFPs in temperate moist oak forest: a case study from the Eastern Himalayas, India
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Chunling	Dai	Germany	University of Freiburg, Germany	Stand structure and vegetation of the deciduous mixed oak forests in the montane zone of the Western Qinling Mountains, China
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Dirk	Jaeger	Germany	Fakultät für Umwelt und Natürliche Ressourcen - Albert-Ludwigs-Universität Freiburg	Improved methods for timber extraction in South-West China
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Promode	Kant	India	Institute of Green Economy, Noida, India	Why bank on ban on felling for managing mountain forests sustainably?
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Raj	Kumar	India	ICAR	Regeneration complexities of Pinus gerardiana in dry temperate forests of Indian Himalaya
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Pil Sun	Park	Korea, Republic of	Seoul National University	Seasonal changes in understory composition on Mt. Joongwang, Korea
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Mohammed Sghir	TALEB	Morocco	Institut Scientifique, Université Mohammed 5 Agdal, Rabat, Maroc	Moroccan mountains: Forest ecosystems and biodiversity conservation strategies
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Yolanda	Castroverde	Philippines	University of Nueva Caceres	BIODIVERSITY TRENDS OF KEY PRIORITY FAUNAL SPECIES IN MOUNT ISAROG NATURAL PARK (MINP), PHILIPPINES
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Olga	Ukhvatkina	Russian Federation	Institute of Biology & Soil Science Far Eastern branch of Russian academy of science	Why it is necessary to provide conditions for the formation of tree species population mosaics during development of forest management regimes
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Rebecca	Snell	Switzerland	Forest Ecology, ETH Zurich	Landscape patterns in mountain pasture-woodlands under changing environmental conditions

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Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Buzurukov	Anvar	Tajikistan	Tajik Social and Ecological Union	Mountain Forests of Tajikistan and Actions for Improvement of their Situation
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Maria	Nijnik	United Kingdom	The James Hutton Institute	Towards sustainable forestry development in European mountain regions
Forest Biodiversity and Ecosystem Services	122 Forest management in montane communities.	Vivian	Valencia	United States	Columbia University	The role of coffee agroforestry in the conservation of forest tree diversity and community composition in La Sepultura Biosphere Reserve in Chiapas, Mexico.
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Sumio	Okada	Japan	Tottori University	Effects of land-use change on Japanese Giant Salamanders in Hiroshima Prefecture forests
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Evan	H Campbell Grant	United States	USGS PWRC Conte Anadromous Fish Laboratory	Potential terrestrial salamander habitat loss in regions of Marcellus shale energy development
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Kirsten	Hecht-Kardasz	United States	University of Florida	Population structure and shelter characteristics of Hellbender salamanders in an eastern Tennessee stream
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Jessica	Homyack	United States	Weyerhaeuser Company	Relationships of salamanders with downed wood in managed forests of the United States
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Max	Nickerson	United States	University of Florida	In-river habitat changes following riparian and upland deforestation correlate with the decline of Ozark hellbender salamander health and populations.
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Deanna	Olson	United States	US Forest Service	Utility of riparian buffers to retain salamanders in and along streams of US Pacific Northwest moist coniferous forests
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Stephen	Spear	United States	The Orianne Society	Using environmental DNA (eDNA) from rivers and streams to detect and monitor two imperiled species of forest salamanders
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Wesley	Staats	United States	University of Kentucky	LiDAR-derived light availability and its influence on riparian salamander populations
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Valorie	Titus	United States	American Public University System/Wildlife Conservation Society	The importance of forest habitat connectivity for species of Ambystomid salamanders, focusing on the eastern tiger salamander
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Hartwell	Welsh	United States	USDA FOREST SERVICE-PSW	Woodland salamanders as metrics of forest ecosystem recovery: a case study from California's redwoods
Forest Biodiversity and Ecosystem Services	13 Salamanders: World icons of aquatic biodiversity in forests	Deanna	Olson	United States	US Forest Service	Validation of a landscape-scale habitat suitability model and map for the Oregon slender salamander
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	David	Brand	Australia	New Forests, Pty Limited	What is needed to make markets for forest ecosystem services a reality?
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Manfred J.	Lexer	Austria	University of Natural Resources and Life Sciences, Vienna	Current and future provision of ecosystem services in European mountain forests
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Sven	wunder	Brazil	CIFOR	Designing payments for environmental services programmes
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	William	Nikolakis	Canada	University of British Columbia	The Future and Legitimacy of Forest Ecosystem Services Schemes for Indigenous Peoples: Insights from Clayoquot Sound, British Columbia
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Elizabeth Asantewaa	Obeng	Ghana	Forestry Research Institute of Ghana	Direct and Functional Economic Value Marginal Effects of Tropical Forest Conversion to Cacao Agroforestry Systems
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Juan Carlos	Flores Lopez	Honduras	CATIE	Can Payments for Environmental Services contribute to the conservation of pine-oak forest in Honduras?
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Ariadna	Chavarria Resendez	Italy	University of Padua	BIODIVERSITY OFFSETS: DELIVERING ADDITIONALITY TO THE CONSERVATION WOODLANDS IN ITALY?
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Arbi James	Sarkissian	United Kingdom	Bangor University	Institutions and Natural Resource Management: Exploring Payments for Ecosystem Services (PES) in the context of decentralised native tree planting in Lebanon
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Nikola	Smith	United States	U.S. Forest Service	Integrating Ecosystem Services into United States Forest Service Programs and Operations
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Phuong	Vu Tan	Viet Nam	Vietnamese Academy of Forest Sciences	Future Payment for Forest Environmental Services: Lessons learnt from Vietnam
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	A.S.M. Helal Uddin	Ahmed Siddiqui	Bangladesh	Bangladesh Forest Research Institute	Gene conservation with mangrove species at three demonstrative plots in the Sundarbans.

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Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Dolors	Armenteras	Colombia	Universidad Nacional de Colombia	Integrating data at multiple scales to assess national synergies between forest carbon and biodiversity in Colombia
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Luis Felipe	Ortega Molina	Colombia	Universidad Nacional de Colombia	COMPARATIVE EVALUATION OF THE EFFECT OF DIFFERENT LAND COVER ON SOME ECOSYSTEM SERVICES IN THE COLOMBIAN ANDES
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	William Kwadwo	Dumenu	Ghana	CSIR-Forestry Research Institute of Ghana	Diversity, Utilization, Trade and Seasonality of Forest Ecosystem Services: Implications for Management and Livelihood
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Christine	Wulandari	Indonesia	Lampung University	Payment Watershed Services Development in Way Betung, Bandarlampung: Threats and Opportunities
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Jalal	Henareh Khalyani	Iran	Ph.D. Student/University of Tehran	Integrated management of forest goods and ecosystem services to achieve sustainability in forest management (study of mountainous Zagros forest of Iran)
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Jalal	Henareh Khalyani	Iran	Ph.D. Student/University of Tehran	Economic instruments to enhance multi-functional forest management of Zagros forests in west of Iran
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Cholho	Song	Korea, Republic of	Korea University	Comparing Methodologies for Assessing Forest Ecosystem Services in South Korea
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Bruno Salomon	RAMAMONJISOA	Madagascar	Département des Eaux et Forêts, Ecole Supérieure des Sciences Agronomiques, Université d'Antananarivo	Can capturing global ecosystem service values reduce poverty?
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Bijendra	Basnyat	Nepal	NARMA	Localized Payment for Ecosystem Services in Nepal: Prospects and Challenges
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Victor	Adekunle	Nigeria	Federal University of Technology, Akure, Nigeria	THE ROLES OF PROTECTED AREAS TO BIODIVERSITY CONSERVATION AND CARBON STORAGE: CASE STUDY OF TWO DEVELOPING COUNTRIES
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Olaniran	Thompson	Nigeria	Department of Agricultural and Resource Economics, The Federal University of Technology, Akure, Ondo State, Nigeria	Land-Use and Ecosystem Services Trade-Offs in Western Nigeria: Case Study of Idanre Hill
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Petter	Axelsson	Sweden	Swedish University of Agricultural Sciences	A Forest For All - management for multiple uses
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	David	Ellison	Sweden	Swedish University of Agricultural Sciences (SLU)	Evapotranspiration (ET) as an Ecosystem Service: Why we should care about Precipitation Recycling
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Yeonsu	Kim	United States	School of Forestry	Wildfire Economics: Historical Challenges and Future Directions for estimating Ecosystem Service Values of Fuels Management in western U.S. Forests
Forest Biodiversity and Ecosystem Services	139 The future of ecosystem services from forests	Kevin	Potter	United States	North Carolina State University	Does biodiversity make a difference? Evolutionary diversity indicators of forest ecosystem function across broad regions
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Seung-Il	Lee	Canada	University of Alberta	Combining of aggregated and dispersed retention is effective for conserving deadwood-associated beetles on managed landscapes
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Timothy	Work	Canada	UQAM	Colonization and extinction rates in deadwood substrates and their role in conservation and restoration
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	parvathy	venugopal	Finland	School of Forest Sciences, University of Eastern Finland, Joensuu, Finland	Effect of climate change and wood properties on fungal decomposition: Comparison between Kelo (old growth) and managed boreal Scots pine
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Christophe	Bouget	France	Irstea	Deadwood, pests and natural enemies. Grappling with the Gaps: Toward a Research Agenda to meet nature conservation and forest protection

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Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Frédéric	Gosselin	France	IRSTEA	Wood-inhabiting fungi diversity response to management abandonment: a spatio-temporal perspective
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Fabio	Lombardi	Italy	Dipartimento di Bioscienze e Territorio, Università degli Studi del Molise, Contrada Fonte Lappone, 86090 Pesche, Italy	Effects of structural and deadwood attributes on the abundance of saproxylic beetles and microhabitats in a silver fir forest (Italy).
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Stephen	Pawson	New Zealand	Scion	Saproxylic diversity and its contribution to wood decomposition processes in an intensely managed forest ecosystem
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Alejandro	Ruete	Sweden	Swedish University of Agricultural Sciences	Temporal effects of clear-cuts on deadwood dynamics and old-growth forest fungus occupancy and richness over an edge-to-interior gradient
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Michael	Ulyshen	United States	USDA Forest Service	Exploring the connection between arthropod-accelerated wood decay and forest productivity
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Saran	Traoré	Burkina Faso	Unité de Formation et de Recherche en Sciences et Techniques, Université polytechnique de Bobo	How can Macrotermes termites provide ecosystem services in a savanna woodland in Burkina Faso, West Africa
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Robert Jon	Deady	Canada	UQAM	Saproxylic Diptera biodiversity and intensive biomass harvesting, what are the implications of a damaged deadwood profile?
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Hui-Yan	Gu	China	School of Forestry, Northeast Forestry University	Coarse Woody Debris Characteristics: a case study in a 9-ha old-growth cold-temperate coniferous forest plot from Great Hing'an Mountains, Northeastern China
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	parvathy	venugopal	Finland	School of Forest Sciences, University of Eastern Finland, Joensuu, Finland	Comparative analysis of different dead woods from old growth and managed Scots pine forests
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Jon	Andersson	Sweden	Swedish University of Agricultural Sciences (SLU)	The role of stumps left after final harvesting for saproxylic beetles – A comparison between substrate types and functionality of coarse dead wood on clear cuts
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Göran	Bostedt	Sweden	Swedish University of Agricultural Sciences	Least-cost allocation of measures to increase the amount of coarse woody debris in forest estates
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Ruaridh	Hägglund	Sweden	Swedish University of Agricultural Sciences	Restoring ecological legacies in boreal Sweden: a saproxylic beetles perspective
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Ruaridh	Hägglund	Sweden	Swedish University of Agricultural Sciences	An early evaluation of restoring natural disturbances in boreal forest landscapes: Flat bugs (Aradus spp.) as indicators of success.

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Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Joakim	Hjälten	Sweden	Swedish University of Agricultural Sciences	Short-term responses of saproxylic insects to different types of forest restoration
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Jean-Michel	Roberge	Sweden	Swedish University of Agricultural Sciences (SLU)	Ground-dwelling beetles and understory vegetation in boreal plantations of an introduced pine compared to its native congener
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Anne	Oxbrough	United Kingdom	Edge Hill University	Influence of micro-habitat features on arthropod functional groups in mixed boreal forests
Forest Biodiversity and Ecosystem Services	142 Ecology and dynamics of dead wood dependent species at multiple trophic levels – Promoting natural pest control in managed forests or increasing hazards?	Michael	Ulyshen	United States	USDA Forest Service	Arthropods and flooding affect microbial communities in dead wood
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Jun	Yang	China	Tsinghua University	Diversity of urban tree species over the globe and their links to ecosystem services
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Cristina	Branquinho	Portugal	Faculty of Sciences UNUniversity of Lisbon	Modelling biodiversity in urban forests using a multi-taxa approach: towards a functional urban green infrastructure
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Kamran	Abdollahi	United States	Southern University	Urban Forest Tree Species Diversity and Its Impact on Air Pollution Removal Capacity
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Bianca	Eskelson	United States	Oregon State University	Effects of residential development on forest attributes
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Robert	Loeb	United States	The Pennsylvania State University DuBois Campus	Failures of Urban Forest Diversification
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Zhu	Ning	United States	Southern University	Relative Abilities of Six Urban Tree Species in Mitigating Elevated CO2
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	David	Nowak	United States	US Forest Service	Changes in urban forest species diversity and its impact on ecosystem services in the United States
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Gary	Watson	United States	The Morton Arboretum	Can Urban Sites Support Increased Species Diversity?
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Kathleen	Wolf	United States	University of Washington	Cultural and Social Ecosystem Services of Urban Trees and Forests
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Kossi Nounagnon Augustin	Aoudji	Benin	Faculty of Agricultural Sciences, University of Abomey-Calavi	Urban forestry for food and income: the case of bread tree (<i>Artocarpus altilis</i> (Parkinson) Fosberg) in southern Benin
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Silvia Méri	Carvalho	Brazil	UEPG-State University of Ponta Grossa	ENVIRONMENTAL VALUATION OF TREES IN URBAN AREA OF PONTA GROSSA PR BY THE EMERGENCY ANALYSIS
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Silvia Méri	Carvalho	Brazil	UEPG-State University of Ponta Grossa	The afforestation present in the squares of the city of Ponta Grossa-Paraná-Brazil.
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Rogério	Hartung Toppa	Brazil	Universidade Federal de São Carlos - Campus Sorocaba	GREEN PUBLIC AREAS AS AN INCREASE TO THE CONNECTIVITY BETWEEN FOREST REMNANTS IN URBAN LANDSCAPES
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Everaldo	Lima Neto	Brazil	State University of Roraima, UERR	MAINTENANCE OF URBAN FOREST BIODIVERSITY OF BOA VISTA, NORTH AMAZON, BRAZIL
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Eivaldo Pereira	Queiroz	Brazil	Jardim Botânico de Salvador	In situ conservation of an urban forest fragment in the Botanical Garden of Salvador
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Victor Aimé	Kemeuze	Cameroon	University of Ngaoundere / CIFOR	Urban forestry and environment protection in semi-arid area: Case study of Kaélé in the Far North Cameroon
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Zhibin	Ren	China	Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences, Changchun, Jilin, China	Estimation of the relationship between urban park characteristics and park cool island intensity by remote sensing data and field measurement
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Ravinder	Kohli	India	DAV University, Jalandhar, India	Tree census and diversity issues of Urban Forest of Chandigarh India – an update

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Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Hyun-Kil	Jo	Korea, Republic of	Kangwon National University	Quantifying carbon reduction services by urban landscape trees in Korea
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Ilze	Jankovska	Latvia	Latvia University of Agriculture	Relationships between vegetation, tree canopy composition and soil in canopy gaps in dry pine <i>Pinus sylvestris</i> stands
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Harifidy	RAKOTO RATSIMBA	Madagascar	Département des Eaux et Forêts, Ecole Supérieure des Sciences Agronomiques, Université d'Antananarivo	Ecological Role of forests fragments in Antananarivo urban area
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Sreetheran	Maruthaveeran	Malaysia	University of Copenhagen	PERCEIVED PERSONAL SAFETY IN URBAN PARKS—THROUGH THE EYES OF URBAN PARK USERS OF KUALA LUMPUR
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Sunday	Adeduntan	Nigeria	The Federal University of Technology Akure	Influence of urbanisation on the abundance and diversity of soil mesofauna and microorganisms in Akure, Ondo State.
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Justina	Alagbe	Nigeria	Forestry Research Institute of Nigeria	ANALYSIS OF LANDUSE CONVERSION IN URBAN FRINGE AREA OF ABUJA USING SPACE TECHNOLOGY
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Olatunde	Eludoyin	Nigeria	University of Port Harcourt	SPATIAL ANALYSIS OF ETHNO-MEDICINAL TREES IN UNIVERSITY OF PORT HARCOURT, NIGERIA
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Marcus	Hedblom	Sweden	Swedish University of Agricultural Sciences	Bird song diversity influences young people's appreciation of urban landscapes
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Kossi Bessan	AMEGNAGLO	Togo	Laboratory of plant sciences and vegetable ecology (LBEV), Faculty of Science, University of Lomé, Togo.	Tapinanthus spp. and their hosts in the city of Lomé and surroundings: diversity, impact and dissemination
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Aniko	POLO-AKPISSO	Togo	University of Lomé, Laboratory of Botany and Plants Ecology, Faculty of science. BP 1515, Lomé, Togo.	Assessing urban forest diversity, distribution and carbon storage in Lome (Togo, West Africa)
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Zerrin	Inan	Turkey	Yeditepe University	Landscape of Vulnerability: Forest Cover Change and Fragmentation in Istanbul, Turkey
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	David	Chojnacky	United States	Virginia Tech	Estimating tree canopy-cover growth in redeveloped urban residential lots in Falls Church, Virginia USA
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	CHONGFENG	GONG	United States	Urban Forestry Program, Department of Agriculture and Urban Forestry, College of Science and Agriculture, Southern University, Baton Rouge, LA	Biotic homogenization and differentiation of the flora within man-made and near-natural habitats across urban green spaces in Shenzhen, China
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Charles	Wade	United States	C.S. Mott Community College	Created Biodiversity: Our Current Urban Forest
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Shannon Lea	Watkins	United States	Indiana University	Does participation in non-profit urban tree-planting programs improve neighborhoods? Examining the impact of collective action on neighborhood residents.
Forest Biodiversity and Ecosystem Services	145 Urban forest diversity and ecosystem services	Victor Hugo	Morales Peña	Venezuela	Universidad de los Andes	URBAN FORESTRY: AN INSTRUMENT FOR THE SOCIOCULTURAL DEVELOPMENT OF CITIES.
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Stefan	Schindler	Austria	CIBIO/InBio-Universidade do Porto (Portugal), Biodiversity & Nature Conservation, Environment Agency Austria, University of Vienna, Vienna, Austria.	Effects of variable retention forest management on richness and abundance of plants, insects and birds in <i>Nothofagus pumilio</i> forests
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Jaime	Pinzon	Canada	University of Alberta	Variable retention harvesting and sustainable forest management in the boreal forest of Canada: lessons learned from the EMEND experiment
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Hardi	Tullus	Estonia	Estonian University of Life Sciences	Shelterwood method in hemiboreal conditions as an alternative to clearcutting for more efficient ecosystem services management.
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Vindhya Prasad	Tewari	India		Forest Observational Studies Network for Growth Modelling and Long-term Ecological Monitoring

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Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Yeongwan	Seo	Korea, Republic of	Kangwon National University	A study on long term monitoring of major planting treea in Korea
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Guntis	Brumelis	Latvia	University of Latvia, Faculty of Biology	Vegetation and soil interactions during an 80-year succession in forest stands in the Moricsala Island Nature Reserve, Latvia.
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Alejandro	Ruete	Sweden	Swedish University of Agricultural Sciences	Modelling non-equilibrium metapopulation dynamics utilizing occupancy data, patch ages and landscape history
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Emilio	Vilanova	Venezuela	School of Environmental and Forest Sciences - University of Washington	A preliminary analysis of long term dynamics of Venezuelan tropical forests: evidences from field-based plots
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	GUILLERMO JOSE	MARTINEZ PASTUR	Argentina	CONICET	Litterfall production and potential nutrients return in Nothofagus antarctica stands growing at different site qualities in Southern Patagonia, Argentina
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Anya	Reid	Canada	University of British Columbia	Building resilience from the bottom up: The soil's role in regulating forest health in British Columbia, Canada
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Shiming	Li	China	Institute of Forest Resources Information Techniques, CAF	Forest Cover Dynamics of Dxing'anling Forest Zone over Last Four Decades
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Linhao	Wu	China	University of Alberta	Tree species, decay class, ecosite classification and dead wood decomposition rates in the mixedwood boreal forest of Canada
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Chia-Ho	Kuo	China - Taipei	Graduate Institute of Bioresources, National Pingtung University of Science and Technology Pingtung	Spatial and Temporal Change of Litterfall in the Nanjenshan Lowland Rain Forest, Taiwan
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	VP	Uniyal	India	Wildlife Institute of India	Use of bioindicator for protected area management and ecological monitoring in the western Himalayan landscape, Uttarakhand, India
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Nelson Manguiat	Pampolina	Philippines	University of the Philippines Los Baños	Biodiversity Monitoring for Sustainable Conservation of Mt. Makiling Forest Reserve and Banahaw to Support Regional Food Security and Climate Change
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Jeanne	Chambers	United States	US Forest Service, RMRS	Resilience to Disturbance and Management Treatments and Resistance to Invasive Annual Plants in Sagebrush and Piñon Pine/Juniper Ecosystems
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	David	Chojnacky	United States	Virginia Tech	Designing tropical forest NFI for sampling carbon and forest diversity: optimum plot size and shape
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Andrew	Meier	United States	Purdue University	The Hardwood Ecosystem Experiment: A long-term, landscape-level study of managed forest ecosystem dynamics in southern Indiana, USA
Forest Biodiversity and Ecosystem Services	170 Long-term forest research on forest ecosystem management	Warren	Moser	United States	USDA, Forest Service	Experimental Forests: An anchor in a changing scientific world
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Roger	Meder	Australia	CSIRO	Visualising the environmental responses of forest tree populations
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Thomas	Geburek	Austria	Department of Forest Genetics - Federal Research Centre for Forests	Range-wide geographic variation in Prunus africana at the molecular and chemical level
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Sally	Aitken	Canada	University of British Columbia	Assessing the adaptive portfolio of reforestation stocks for future climates
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Om	Rajora	Canada	University of New Brunswick	The Role of Genomics Research in Understanding Responses and Adaptation of Forest Trees to Changing Climate and Environmental Conditions
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Jun	Liu	China	Research Institute of Subtropical Forestry, Chinese Academy of Forestry.	Genetic diversity of central and peripheral populations of Toona ciliata var. pubescens, an endangered tree species endemic to China
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Yafang	Yin	China	Chinese Academy of Forestry	Timber identification of CITES-listed species Dalbergia retusa and non-CITES-listed species Dalbergia tucurensis: Wood anatomy or DNA barcoding?

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Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Haile Yineger	Tariku	Ethiopia	Australian Rivers Institute, Griffith University	Gene dispersal inference across multiple forest patches in an endangered medicinal tree
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Konstantin	Krutovsky	Germany	Forest Genetics and Tree Breeding, Buisgen-Institut, University of Göttingen, Buisgenweg 2, D-37077 Göttingen	Population and landscape genomics to study local adaptation in loblolly pine (<i>Pinus taeda</i> L.) populations and to breed more climate change resilient trees
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	priti	chauhan	India	ICFRE	Genetic Diversity and Structure of Natural Populations of <i>Pinus roxburghii</i> Sarg. in Himalayan Region Through Nuclear SSR Markers
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Modhumita	Dasgupta	India	Institute of Forest Genetics and Tree Breeding	Bioprospecting for novel genes through characterization of leaf transcriptome of <i>Withania somnifera</i> , a valued medicinal plant
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Anthonius	Widyatmoko	Indonesia	Centre for Forest Biotechnology and Tree Improvement	Genetic Diversity of Threatened Tree Species in Indonesia: Strategy for Developing Conservation Programme
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Judy	Loo	Italy	Bioersity International	Using case studies for enhancing capacity in managing forest genetic resources
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Tahiana	Ramanantoandro	Madagascar	Université d'Antananarivo, Ecole Supérieure des Sciences Agronomiques, Département des Eaux et Forêts, BP 175, Antananarivo 101, Madagascar	Genetic diversity of introduced species facing climate change – example of <i>Eucalyptus robusta</i> in eastern Madagascar
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Chai Ting	Lee	Malaysia	Forest Research Institute Malaysia (FRIM)	Development of a DNA-based timber tracking system for <i>Koompassia malaccensis</i> in Malaysia
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Elena	Muratova	Russian Federation	V.N. Sukachev Institute of Forest SB RAS	KARYOLOGICAL STUDIES ON PICEA SPECIES
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Lauren	Magalska	United States	Oregon State University	Identifying site characteristics that explain variation in Douglas-fir productivity, stem form and adaptability
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Karen	Mock	United States	Utah State University	Genetic structuring and triploidy in North American aspen (<i>Populus tremuloides</i>)
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Kevin	Potter	United States	North Carolina State University	The evolutionary history and genetic diversity of ponderosa pine: Management implications for an important species of western North America
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Heino	Konrad	Austria	Department of Forest Genetics - Federal Research Centre for Forests	Nuclear population structure of the Austrian <i>Picea abies</i> population
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Silvio	Schueler	Austria	Austrian Federal Research Center for Forest	Annual climate variation shapes adaptive seedling characters - A contribution to the adaptation of trees to future climates?
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Andrea	Cusatis	Brazil	UFPR	Genetic control of survival of <i>Cedrela fissilis</i> Vell. in a progeny test
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Wanderley	dos Santos	Brazil	UNESP-Universidade Estadual Paulista "Julio de Mesquita Filho"	Genetic variation for growth traits in progenies test of <i>Pinus caribaea</i> var. <i>hondurensis</i>
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Renata	Silva Mann	Brazil	Department of Agricultural Engineering, Sergipe Federal University	Conservation monitoring of <i>Erythrina velutina</i> in riparian forest area

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Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Rui	Zhang	China	Research Institute of Subtropical Forestry, CAF.	Genetic diversity and differentiation within three species of the family Lauraceae in southeast China
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Rui	Zhang	China	Research Institute of Subtropical Forestry, CAF.	Genetic diversity of natural populations of endangered <i>Ormosia hosiei</i> , endemic to China
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Miladys	Delgado	Cuba	INAF	Management of Cedar (<i>Cedrela odorata</i> L.) by means of in vitro propagation techniques
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Swati	Allen	India	ICFRE	Molecular regulation of Terpenes in Low and High resin yielders of <i>P. roxburghii</i> Sarg. using Gene mining.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Kirti	Chamling Rai	India	ICFRE	Genetic variation within and among populations of <i>Cedrus deodara</i> detected by RAPD markers
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Shivani	Dobhal	India	ICFRE	G × E interactions for analyzing stability and adaptability for different clones of <i>Eucalyptus tereticornis</i> Sm.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Harish	Ginwal	India	Forest Research Institute, Dehradun, India	Genetic diversity and population structure of Himalayan Cedar (<i>Cedrus deodara</i>) in Western Himalayas determined with cpSSR markers
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	ashok	kumar	India	indian council of forestry research and education	Genetic evaluation to test stability and growth performance in <i>Gmelina arborea</i> Roxb.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Annamalai	Mayavel	India	Institute of Forest Genetics and Tree Breeding	CONSERVATION OF RED TAMARIND- A POTENTIAL BIO COLORANT FOR FOOD PROCESSING INDUSTRIES,A.Mayavel.B.Gurudev sikh and B.Nagarajan
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Yasodha	Ramasamy	India	Institute of Forest Genetics and Tree Breeding	Research strategies for geneecological zonation of teak in India
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Disha	Rautela	India	Forest Research institute, Dehradun	Analysis of genetic diversity in threatened populations of the two endemic <i>Berberis</i> species across the altitudinal zone in Uttarakhand
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Disha	Rautela	India	Forest Research institute, Dehradun	Comparative analysis and optimization of different DNA extraction protocols in <i>Berberis</i> species
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Anita	Rawat	India	ICFRE	An association mapping approach using ISSRs and AFLPs to identify molecular markers for resin yield in <i>Pinus roxburghii</i> Sarg.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Anita	Rawat	India	ICFRE	Genetic evaluation of <i>Pinus roxburghii</i> genotypes varying in resin yield using microsatellite markers
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Chandrakant	Tiwari	India	Forest Research Institute, Dehradun, India	Genetic diversity among accessions of <i>Sinarundinaria anceps</i> (Matif.) Chao and Renvoize Wall, ex Munro (<i>Saura Ringal</i>) in the Hill Bamboo Germplasm (Khirsu), India
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Ade Ayu	Dewayani	Indonesia	Bogor Agricultural University	PROVENANCE TRIAL OF <i>Shorea leprosula</i> Miq. IN PALEMBANG, SOUTH SUMATERA, INDONESIA.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Ulfah J.	Siregar	Indonesia	Bogor Agricultural University	Genetic diversity and evolutionary relationship of <i>Dyera costulata</i> and <i>Dyera lowii</i> in Jambi, Indonesia based on AFLP markers
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Dida	Syamsuwida	Indonesia	Forest Tree Seed Technology Research Centre	Inferences on the Reproductive System of <i>Mindi</i> (<i>Melia azedarach</i> Linn) in Community Forests of West Java-Indonesia

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Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Anthonius	Widyatmoko	Indonesia	Centre for Forest Biotechnology and Tree Improvement	Genetic diversity and relationship among five <i>Aquilaria</i> species endemic to Indonesia
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Vivi	Yuskianti	Indonesia	Center for Forest Biotechnology and Tree Improvement	The effect of plus tree selection to the genetic diversity of two <i>Acacia mangium</i> seedling seed orchards in Indonesia
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Joseph	Riov	Israel	1Robert H. Smith Institute of Plant Sciences and Genetics in Agriculture, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Rehovot, Israel	Developing Drought Resistant Types of <i>Cupressus sempervirens</i>
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	FABIO	SALBITANO	Italy	GESAAF - UNIVERSITY OF FLORENCE	Genetic diversity of <i>Quercus ilex</i> L. as a tool for retracing the dynamics of the Mediterranean forest ecosystems
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Manabu	Kurita	Japan	Forest Tree Breeding Center, Forestry and Forest Products Research Institute	Male sterilization of <i>Cryptomeria japonica</i> by the barnase/barstar system.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Otto George	Dangasuk	Kenya	University of Eldoret, Eldoret City, Kenya	Genetic Diversity in Eleven Populations of Kenyan <i>Osyris Lanceolata</i> Hoscht and Steudel (East African Sandalwood) Based on ISSR (DNA) Markers.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	In-Sik	Kim	Korea, Republic of	Korea Forest Research Institute	The results and implications of controlled-pollinated progeny test of <i>Pinus densiflora</i> in Korea
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Byungoh	Yoo	Korea, Republic of	Korea Forest Research Institute	Genetic Diversity and Relation of <i>Zoysiagrasses</i> (<i>Zoysia</i> spp.) Native to South Korea
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Chai Ting	Lee	Malaysia	Forest Research Institute Malaysia (FRIM)	Discovery of genic microsatellite markers from transcriptome sequences of <i>Eurycoma longifolia</i> root
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Oluwasijibomi Charles	Ogunremi	Nigeria	National Biotechnology Development Agency, PMB 5118, Wuse, Abuja, Nigeria.	Morphological Assessment of <i>Parkia biglobosa</i> Accessions from different Agro ecological zones in Nigeria.
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Marta	Belka	Poland	Department of Forest Pathology, Poznan University of Life Sciences	Phytophthium cucurbitacearum causing Root Rot of <i>Cedrella odorata</i> in Trinidad
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Alexandru Lucian	Curtu	Romania	University of Transilvania, Dept. of Forest Sciences, Brasov	Genetic characterization of marginal pedunculate oak populations adapted to xeric conditions: implications for conservation and sustainable management
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Jolanda	Roux	South Africa	University of Pretoria	Identification of <i>Ganoderma</i> species associated with <i>Acacia cyclops</i> mortality in the Western Cape region of South Africa
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Suwan	Tangmitcharoen	Thailand	Forest Research and Development Bureau	Ex situ gene conservation of highly threatened species, <i>Dalbergia cochinchinensis</i> in Thailand
Forest Biodiversity and Ecosystem Services	178 Contribution of genetics and genomics to conservation and sustainable management of forests under changing environmental conditions	Sandra A	Owusu	United States	Michigan Technological University	Genetic variation at microsatellite markers in four North American <i>Quercus</i> species
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Tod	Ramsfield	Canada	Natural Resources Canada / Canadian Forest Service	Silvicultural control of <i>Armillaria</i> root disease in Manitoba
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Jan	Bannister	Chile	Chair of Silviculture, Faculty of Forest and Environmental Sciences, University of Freiburg	Forest restoration is more than tree planting: the case of fire-disturbed Southern bog forests

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Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Fuqiang	Zhao	China	Institute of applied ecology, chinese academy of sciences	Effects of natural and human-assisted regeneration on landscape dynamics in a Korean pine forest in Northeast China
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Biing	Guan	China - Taipei	National Taiwan University	Reintroducing Native Fagaceae Species into Planation Forests in Central Taiwan: Identifying and Alleviating Establishment Limitations
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Fernando	Fernandez	Colombia	Universidad del Tolima	Potential plant functional groups for the restoration of moist forests in the region of Bajo Calima, Colombia
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Palle	Madsen	Denmark	University of Copenhagen	Pioneer species used as nurse crops – a powerful silvicultural method in forest restoration and forest adaptation
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Anne-Maarit	Hekkala	Finland	Finnish Forest Research Institute and Thule Institute	Biodiversity benefits of restoration of boreal forests in Finland
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Satoshi	Ito	Japan	University of Miyazaki	Additive partitioning approach evaluating the restoration efficiency of plant species diversity in a warm-temperate mountainous riparian forest in Japan
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Byung Bae	Park	Korea, Republic of	Korea Forest Research Institute	The Importance of Silvicultural Practices to Facilitate Forest Ecological Restoration
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Lena	Gustafsson	Sweden	SLU	Biodiversity response to trees retained at final harvest for conservation purposes – a meta-analysis
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Malin	Gustafsson	Sweden	Swedish University of Agricultural Sciences	Improving forest restoration in Dipterocarp rainforest; a field trial with 32 native tree species
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Arthur	Owiny	Uganda	Makerere University Biological field station & University of Eastern Finland	DIFFERENCES IN COMMUNITIES OF TREES ALONG A TROPICAL FOREST RESTORATION GRADIENT, UGANDA
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Yvette	Dickinson	United States	Colorado State University	Achieving “groupy-clumpy” in restoration projects: Innovative silviculture and monitoring in the Front Range Collaborative Forest Landscape Restoration Project
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	David	Hix	United States	School of Environment and Natural Resources, The Ohio State University	Restoration of mixed-pine forest ecosystems of eastern Upper Michigan using variable-retention harvesting
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Daniel	Soto	United States	Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR 97331 USA	Growth and mortality assessment in underplanting Nothofagus seedlings as function of resources availability
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	John	Stanturf	United States	US Forest Service	Restoration Strategies, Methods, and Operations
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Akomian Fortuné	Azihou	Benin	Laboratory of Applied Ecology, Faculty of Agronomic Sciences, University of Abomey-Calavi	Role of pioneer gallery-forest trees in the recruitment of forest seedlings and saplings in savanna: new opportunities for ecological restoration
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Eliana	Cardoso-Leite	Brazil	Federal University of San Carlos	Experimental Restoration Ecology in Tropical Rain Forest areas with clearcutting and abandonment , in southeastern Brazil
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Rodrigo Minici	de Oliveira	Brazil	São Paulo State University	Enrichment of restored forests with <i>Euterpe edulis</i> Martius (Arecaceae): the soil water deficit limits its successful establishment
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Vera Lex	Engel	Brazil	São Paulo State University-UNESP	Successional trajectories in tropical restored forests using direct seeding of fast-growing species
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Liz	Ota	Brazil	UNESP	Management determination by silvicultural groups in restoration plantings in the Brazilian Atlantic Forest
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Luciane Missae	Sato	Brazil	Sao Paulo State University	Seed rain assessments and forest plantations composition in sites undergoing restoration in Brazil
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Diana Carolina	Vasquez Castro	Brazil	ESALQ/USP	DIRECT SEEDING OF GREEN MANURE SPECIES AS A SHADING STRATEGY TO RESTORE DEGRADED AREAS
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Kalifa	COULIBALY	Burkina Faso	Centre International de Recherche-Développement sur l'Élevage en zone Subhumide (CIRDES)	First results and participatory approach regarding the reinforcement of <i>Faidherbia albida</i> density in Burkina Faso
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	XIA	GONG	China - Taipei	JIANGXI AGRICULTURAL UNIVERSITY	Soil phosphorus availability of plantation in degraded sub-tropical hilly red soil region

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Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	shu tzong	lin	China - Taipei	National Ilan university	Study on Seeding regeneration potential of Taiwan Beech(Fagus hayatae) in Northeastern Taiwan
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Andres (German)?	Gonzalez	Colombia	National University of Colombia	SELECTION OF POTENTIAL SPECIES FOR RESTORATION ECOLOGY IN THE COLOMBIAN AMAZON BASED ON SPECIES FUNCTIONAL TRAITS
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Nathaly	Rodríguez Santos	Colombia		Management of natural regeneration of Spanish elm (Cordia alliodora R. & P.) for the purpose of forest restoration of dry forests of Colombia
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Orlidia	Hechavarria Kindelan	Cuba	Instituto de Investigaciones Agro Forestales	An example of an ecologically sustainably territory in Cuba
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Tea	Tullus	Estonia	Estonian University of Life Sciences	The recovery of forest understorey in new forests on former agricultural lands – planted versus naturally regenerated stands
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Ralph	Mitloehner	Germany	Department of Tropical Silviculture and Forest Ecology, Goettingen University	Biodiversity Planning: A New Matching Tool to Rehabilitate Ex-Forest Land with Native Tree Species
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Chandra Mohan Reddy	Narala	India	Greater Hyderabad Municipal Corporation	Restoration of degraded ecosystems in urban context through ex-situ and in-situ conservation measures and proper silvicultural practices
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Mohan	Reddy	India	Iora Ecological Solutions	Comparative analysis of different ANR treatments on the local biodiversity
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	BUDI HADI	NARENDRA	Indonesia	Research and Development Center for Conservation and Rehabilitation, Ministry of Forestry, Indonesia	Effect of Soil Condition Improvement on Calliandra calothyrsus and Antidesma bunius Growth in Batur Mountain Conservation Area, Bali (Indonesia)
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	BUDI HADI	NARENDRA	Indonesia	Research and Development Center for Conservation and Rehabilitation, Ministry of Forestry, Indonesia	Selection of appropriate legume cover crop in reforestation of former tin mining overburden in Bangka Island, Indonesia
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Diana	Prameswari	Indonesia	Forestry Research and Development Agency, the Ministry of Forestry of Republic Indonesia	Application of enrichment planting technique on the growth of Shorea johorensis on skidding trails in the logged-over natural production forest
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	David	Brand	Israel	Forest Department, JNF - KKL	The Evolution of Forests in Israel – From Monocultural forest to Uneven-age, Mixed-species Forests that Designated for Provision of Ecological Services
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Fabio	Meloni	Italy	Università degli Studi di Torino, DISAFA	Assessing the outcomes of ecological restoration by afforestation along a new high-speed railway in north-western Italy
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Renzo	Motta	Italy	Università degli Studi di Torino, DISAFA	Restoring old-growth features to managed forests in the eastern Italian Alps
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Yukihito	Ochiai	Japan	Forest and forest products research institute, Japan	Trial of one year containerized seedlings for recovering tide-water control forest destroyed by Tsunami
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Eun-Kyung	Bae	Korea, Republic of	Korea Forest Research Institute	Adaptation Test of Candidate Tree Species Suitable for Wetlands in East Sumatra, Indonesia
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Yeong Dae	Park	Korea, Republic of	Assistant Professor, Department of Forest Resources, Daegu University	Future Strategies for Restoration of Ridge-mountains at Baekdu Daegan in the Republic of Korea
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Byungoh	Yoo	Korea, Republic of	Korea Forest Research Institute	Modeling survival probability of broad-leaved evergreen tree plantations in the coastal area of South Korea
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Javier	Jimenez	Mexico	Facultad de Ciencias Forestales, UANL	RESTORATION OF ENDEMIC DWARF PINE (Pinus culminicola) POPULATIONS IN NORTH MEXICO
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Tolulope	Daramola	Nigeria	International Forestry Students Association (IFSA)	Assessment of Nitrogen Fertilization of a Managed Douglas-fir Forest Stand in the Pacific Northwest and the Application in sub-Saharan Africa.
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	ANGELITO	EXCONDE	Philippines	DENR-ERDB	Rehabilitation Strategies and Ecotourism Development for Mined-Out and Waste Dump Areas in Bagacay, Hinabangan, Western Samar, Philippines
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Bonifacio	Javier	Philippines	Private Person	Planting for people and the Planet

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Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	BIBIANO	RANES	Philippines	Rio Tuba Nickel Mining Corporation, Rio Tuba, Bataraza, Palawan, Philippines	REFORESTATION AND REHABILITATION STRATEGY IN A MINED-OUT AREA FOR BIODIVERSITY CONSERVATION AND GENDER EQUALITY
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Enrique Jr	Tolentino	Philippines	College of Forestry University of the Philippines Los Banos	Restoring Ecosystems Function: The Challenge to the Mining Industry in the Philippines
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Bandumala	Suduhakuruge	Sri Lanka	Forest department	Identification of degradation levels of dry evergreen forests for restoration in Sri Lanka.
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Marco	Hernandez Velasco	Sweden	Dalarna University	A silvicultural practice to facilitate forest restoration – a new seedling cultivation technology for regeneration establishment
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Kanlayarat	Jantawong	Thailand	Chiang Mai University	Investigating the photosynthesis rate of selected framework species for carbon sequestration in restored forest in Thailand
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Sezgin	Ayan	Turkey	Kastamonu University, Faculty of Forestry	REHABILITATION AND RESTORATION IMPLEMENTATIONS ON DEGRADED FORESTS IN TURKEY
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Gregory	Ettl	United States	University of Washington	A mixed species clearcut silviculture system to restore native species composition and structure of old-growth forests in western Washington
Forest Biodiversity and Ecosystem Services	210 Silvicultural practices to facilitate forest restoration	Mike	Saunders	United States	Purdue University	The Fire Ecology of American Chestnut Regeneration: Implications for Restoration
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Marco Andrés	González Carantón	Brazil	Universidade Federal do Paraná UFPR	Public Management Model in Payment for Environmental Services in the Sabiaguaba Dune's Natural Park, Fortaleza-Brazil.
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Mahbulbul	Alam	Canada	Laval University	Measuring and modeling ecosystem services in urban areas
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Zhen	Zhu	China	Zhejiang Agriculture&Forestry University	Research on the Carbon Supply Potential Capacity Difference and Its Impact Factors of Forest Management Subjects
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Zayra	Ramos-Bendaña	Costa Rica	University of Idaho and CATIE	Evaluating spatial targeting of PES to forest ecosystem services using 'policy benchmark scenarios' derived from conservation planning tools
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Ludek	Sisak	Czech Republic	Czech University of Life Sciences Prague, Faculty of Forestry and Wood Sciences	Experimental Differentiated Valuation of Forest Services' Socio-Economic Importance in the Frame of Czech Republic
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Fatemeh	Bakhtiari	Denmark	Copenhagen university	An investigation of nationality and distance dependence for biodiversity transnational coordination.
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Habtmu Tilahun	Kassahun	Denmark	University of Copenhagen	Can small scale farmers support payment for environmental service? Integrated Choice and Latent Variable Approach
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Emeline	Hily	France	INRA	Bio-econometric analysis of the efficiency of payments for biodiversity conservation: a case study of Natura 2000 forest contracts in France
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	William Kwadwo	Dumenu	Ghana	CSIR-Forestry Research Institute of Ghana	What are we missing? Economic value of an urban forest in Ghana
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Enjang	Asri	Indonesia	IFSA/Universitas Gadjah Mada	The Opportunity Cost Estimation of Pines Forest Management to Analyze The Efficiency of REDD+ Carbon Trading Mechanism in Indonesia (Case Study in BKPH Purworejo)
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Anže	Japelj	Slovenia	Assistant/Slovenian Forestry Institute	Economic value of recreational role of selected urban forest in Slovenia's capital: new information supporting sustainability in forest management planning
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Lidija	ZADNIK (Stirn)	Slovenia	University of Ljubljana, Biotechnical Faculty; Dept. of Forestry and Renewable Forest Resources, Ljubljana, Slovenia	Participatory and Multi-Criteria Analysis for (Forest) Ecosystem Management: A Case Study of Pohorje, Slovenia
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Maria	Nijnik	United Kingdom	The James Hutton Institute	Valuation of ecosystem services: an experience from Scotland
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Jeffrey	Kline	United States	USDA Forest Service	Harmonizing applications of economics and ecology to evaluate ecosystem services tradeoffs in public lands management, an Oregon example
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Phillip	Mohebalian	United States	University of Missouri	Remote Sensing and Field-level Evaluation of Payments for Forest Conservation: Ecuador's Socio Bosque Program
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Runsheng	Yin	United States	Michigan State University	Lessons Learned from China for Designing and Implementing Payments for Ecosystem Services Initiatives

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Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Huascar	Camacho Mojica	Bolivia		Economic valuation of the relict of algarrobo, by direct and indirect beneficiaries for the recovery biocultural, I base of to live Well
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	eduardo	lopez	Bolivia	UMSS-Tropico-CIDES-UMSA	Opportunities and limitations of the Environmental Payment Services in Bolivia for the forestal sector
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Ana Milena	Plata Fajardo	Brazil	UFPR	ECONOMIC EVALUATION OF CARBON CAPTURE IN THE APA - SERRA DE BATURITÉ – BRAZIL – 2012
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Xianghui	Cui	China	Institute of Desertification Studies, Chinese Academy of Forestry	Assessment of mountain forest ecosystem services and its benefits on poverty alleviation in arid areas of China
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Zhiwen	Gong	China	Northwest A&F University	Land use change and its effects on the value of ecosystem services induced by the Sloping Land Conversion Program: An Analysis of Zhidang County in the Loess Plateau Region
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	guo	hao	China	Chinese Academy of Forestry	The assessment techniques of desert ecosystem services in China
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Roselyn	Rodríguez	Dominican Republic	Instituto Tecnológico de Santo Domingo (INTEC)	BENEFICIOS AMBIENTALES Y ECONÓMICOS DE LA GENERACIÓN HIDROELÉCTRICA EN EL BOSQUE MODELO YAQUE DEL NORTE
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Adefris	Worku Gizaw	Ethiopia	Forestry Research Center of Ethiopia	The role of dryforests for livelihood resilience: Experience from the pastoral and agro-pastoral production systems in the drylands of Ethiopia
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Sylvain	Dupire	France	Irstea, UR EMGR	Application of cost-benefit analysis to estimate the value of the protection function of forests against rockfall
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Jean-Luc	PEYRON	France	ECOFOR	Forest management and carbon regulation: an integrated economic perspective based on sequestration, storage and substitution
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Sonny	Mumbunan	Indonesia	Research Center for Climate Change, University of Indonesia	An assessment of revenue loss from legal timber in Indonesia
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Saeed	Rahbari Sisakht	Iran	PhD student, Gorgan University of Agricultural sciences & Natural resources	How Tree-fall Gaps Characteristic Approaching to Ecological Forestry? (Case study: A Virgin Hyrcanian Forest, North of Iran)
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	BERTHA	ALVARADO	Peru	PERUVIAN NATIONAL FORESTRY AUTHORITY	Is economic valuation useful to fix monetary payments for access of forestry resources?
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Estela Marjorie	Espíritu Tello	Peru	GIZ consultant	Financial sustainability of mechanisms used in four countries for forest conservation
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Anna Malgorzata	Bartczak	Poland	University of Warsaw, Faculty of Economic Sciences, Warsaw Ecological Economics Center	To whom should we pay for the biodiversity and recreation enhancement in private forests? An empirical study of payments for ecosystem services in Poland.
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Euan	Bowditch	United Kingdom	University of the Highlands & Islands	Walking the Land: Building an Ecosystem Approach in the Highlands & Islands by connecting cultural drivers with woodland expansion interests
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Robert L.	Deal	United States	USDA Forest Service, PNW Research Station	Valuing and Bundling Ecosystem Services in a Progressive New Zealand Catchment
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Jose	Sanchez	United States	USDA Forest Service	Economics of Forest Fire Management: Accounting of Benefits
Forest Biodiversity and Ecosystem Services	217. Research and management implications of the economics of ecosystem services	Daowei	Zhang	United States	Auburn University	Biodiversity conservation on private lands: A comparative study of the USA and Europe
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Jean-Louis	Doucet	Belgium	University of Liege, Gembloux Agro-Bio Tech	Enrichment of Central African logged forests with high-value tree species: testing a new approach in degraded forests
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Katarina	Merganicova	Czech Republic	Czech University of Life Sciences, Faculty of Forestry and Wood Sciences	Relation between selected indicators of forest stand diversity and quality of timber production in even-aged and uneven-aged stands
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Adam	Benneter	Germany	Albert-Ludwigs-University Freiburg	Effects of tree species diversity on stem quality – plot and tree level results from six European regions
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Emmanuel	Opuni Frimpong	Ghana	Forestry Research Institute of Ghana	Restoration of degraded lands with mahogany in mixed-species plantations promotes biodiversity and conservation of valuable timber species
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Radhika	Urmalia	India	Govt. Model Science College. Jabalpur, M.P.	CORRELATION BETWEEN TECTONA GRANDIS L.F. PLANTATION AND ITS GROUND FLORA DIVERSITY

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Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Robert	Nasi	Indonesia	CIFOR	Managing for high value timber and biodiversity in the Congo Basin
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	JP	Skovsgaard	Sweden	Swedish University of Agricultural Sciences	Combining high-quality timber production, biodiversity conservation and forest aesthetics: The case of Sorbus species in Europe
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Francois	Hebert	Canada	Direction de la recherche forestiere, Ministere des Ressources naturelles du Quebec	Plantation silviculture intensity influence on tree productivity and biodiversity using a functional trait approach in a context of ecosystem-based management.
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Sven	Guenter	Costa Rica	CATIE	Cedrela montana in tropical montane rain forests of South Ecuador: key species for sustainable management and conservation of biodiversity hotspots?
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	MBOMA	Raymonde	Gabon	Institut de Recherche en Ecologie Tropicale (IRET)	Wrong identification of timber trees and its impact on forest biodiversity conservation in Gabon: the case of 'andoung'.
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Somidh	Saha	Germany	University of Freiburg	Growth and stem quality of oak trees established in cluster plantings respond differently to intra- and interspecific neighbourhood competition
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Paul P.	Bosu	Ghana	Forestry Research Institute of Ghana	Effects of overstorey species diversity and composition on pest damage to high value species and understorey ant diversity in Ghana
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Emmanuel	Opuni Frimpong	Ghana	Forestry Research Institute of Ghana	Growth and Productivity of Khaya grandifoliola in the dry semi-deciduous forest of Ghana; a comparison in pure and in diverse species stands
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Sri	Suharti	Indonesia	Ministry of Forestry	Conservation of High Economic Value Endangered Species Through Participatory Cultivation Model
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Toshiaki	Owari	Japan	The University of Tokyo	Single-tree management for high-value timber species in a mixed conifer-hardwood forest in northern Japan
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Pil Sun	Park	Korea, Republic of	Seoul National University	Comparison of species composition and stand structure between a secondary forest and a mahogany plantation on Mt. Makiling
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Robert Cyril	Ong	Malaysia	Sabah Forestry Department	SELECTIVE LIBERATION IN LOGGED-OVER DIPTEROCARP FORESTS: Implications on species composition and tree diversity
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Jonathan Chukwujekwu	Onyekwelu	Nigeria	Federal University of Technology, Akure	Can monoculture forest plantation harbor biodiversity similar to naturally regenerated tropical rainforest ecosystems over time?
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Deepani	Alawathugoda	Sri Lanka	Forest Department, Sri Lanka	Role of panakka (Pleurostyliia opposita: Celastraceae) trees on faunal biodiversity conservation: A case study
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Magnus	Löf	Sweden	Swedish University of Agricultural Sciences	Restoration of high-value broadleaved forests in southern Sweden: Synergistic effects on biodiversity and economy
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Julian	Norghauer	Switzerland	University of Bern	Steniscadia poliophaea (Noctuidae) is a major seedling herbivore of big-leaf mahogany trees in Amazonian forests
Forest Biodiversity and Ecosystem Services	219 How does biodiversity help to manage high-value timber species, and vice-versa?	Jingjing	Liang	United States	West Virginia University	Variety Efficiency: A Theoretical Revisit to Biodiversity-Ecosystem Functioning Relationship
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Tobias	Plieninger	Denmark	University of Copenhagen	Large-Scale Patterns of Quercus ilex, Quercus suber, and Quercus pyrenaica Regeneration in Central-Western Spain
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Chunling	Dai	Germany	University of Freiburg, Germany	Effects of solar radiation transmittance variability on the regeneration of Quercus aliena var. acutiserrata in the Western Qinling Mountains, China
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Somidh	Saha	Germany	University of Freiburg	Oak (Quercus robur and Q. petraea) cluster planting increases tree species richness, stand productivity and fosters oak growth and quality
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Jenny	Leonardsson	Sweden	University of Gothenburg	Protected forests and habitat management alternatives in oak-rich forests in southern Sweden
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Magnus	Löf	Sweden	Swedish University of Agricultural Sciences	Regeneration of oaks by direct seeding – a review
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Patrick	Brose	United States	USDA Forest Service, NRS	The Development of Prescribed Fire as a Silvicultural Treatment for Sustaining Biodiversity in Upland Oak Ecosystems in eastern North America
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Kurt	Gottschalk	United States	USDA Forest Service Northern Research Station	Regenerating Oak Forests to Maintain Biodiversity: Oak Forests around the World
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Stephen	Matthews	United States	School of Environment and Natural Resources, The Ohio State University	Biodiversity of oak forest in the eastern United States: regional and local importance for wildlife

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Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Ferenc	Lakatos	Hungary	University of West-Hungary	The effect of the host plant phenotypic variation on leaf miner and gall forming insect associations
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Ichiro	TAMAKI	Japan	Gifu Academy of Science and Culture	Genetic admixing of two evergreen oaks, <i>Quercus acuta</i> and <i>Q. sessilifolia</i> (subgenus <i>Cyclobalanopsis</i>), is the result of frequent interspecific hybridization
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Hae-Ran	Kim	Korea, Republic of	Warm-temperature and Subtropical Forest Research, KFRI	Interaction of Soil Moisture, Elevated CO ₂ Concentration and Temperature on the Growth Responses of <i>Quercus serrata</i> and <i>Q. aliena</i>
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Nadia	Barsoum	United Kingdom	Forest Research	Increasing the adaptation potential of native tree species to climate change
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Kurt	Gottschalk	United States	USDA Forest Service Northern Research Station	Advanced Oak Seedling Development as Influenced by Shelterwood Treatments, Competition Control, Deer Fencing, and Prescribed Fire
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Gary	Miller	United States	US Forest Service	Dominance Probabilities for Oak Seedlings in Pennsylvania: Variation in Seedling Size and Ecological Sections Affects Seedling Success
Forest Biodiversity and Ecosystem Services	247 Oak regeneration to maintain biodiversity around the world	Mike	Saunders	United States	Purdue University	Epicormic Potential of Common Eastern North American Oak Species
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Ana Milena	Plata Fajardo	Brazil	UFPR	ECONOMIC VALUATION OF POLLINATION SERVICE IN RISARALDA COLOMBIAN COFFEE.
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Bastiaan	Louman	Costa Rica	CATIE	Strengthening the provision of ecosystem services in agricultural landscapes in Costa Rica
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Marc	Deconchat	France	INRA	Forest edges as sources of ecosystem services for landscape agroecology
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Dhanya	Bhaskar	India	University of Agricultural Sciences, Raichur, Karnataka, India	Ecosystem services of native trees: Experiences from two traditional agroforestry systems in Karnataka, Southern India
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Samson	Foli	Indonesia	Centre for International Forestry Research (CIFOR)	Exploring the dynamics between ecosystems, agricultural systems and food security: A systematic review
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Jana	Spulerova	Slovakia	Institute of Landscape Ecology, Slovak Academy of Sciences	Ecosystem Services of Small Woodlands in Agricultural Landscapes
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Shibu	Jose	United States	Centre of Agroforestry	Agroforestry for ecosystem services: A North American perspective
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Néstor	Gutierrez	Venezuela	Instituto de Investigaciones para el Desarrollo Forestal (INDEFOR). Universidad de Los Andes, Mérida, Venezuela	Recovering the biodiversity in cacao plantations in the South of Maracaibo Lake, Mérida Venezuela
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Rodrigue	Idohou	Benin	Laboratory of Applied Ecology	National Inventory and Prioritization of Crop Wild Relatives: case study for Benin
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Nathalie S.Ewane	Nonga	Cameroon	University of Yaounde 1	Cocoa management, Indigenous knowledge and carbon sequestration in cocoa agro forest of South West Cameroon
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Jared	Amos	Canada	University of Alberta	The impact of retention harvesting on bee and hoverfly assemblages in the boreal forest of northern Alberta.
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Mohammed Worku	Adem	Ethiopia	Jimma University & TU Dresden	Tree Species Diversity and Vegetation Structure in Coffee Based Agroforestry Systems in Southwest Ethiopia
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Reza	Akhavan	Iran	Research Institute of Forests and Rangelands, Tehran, Iran	Effect of Pistachio canopy on the spatial distribution of soil chemical characteristics in the Zagros forests of Iran
Forest Biodiversity and Ecosystem Services	48 Forest ecosystem services contributing to agriculture	Nur	Muhammed	Malaysia	School of International Tropical Forestry, Universiti Malaysia Sabah, Malaysia	Tropical floral diversity and abundance in the Nabaai and Gana homesteads of the Murut community in Sabah, Borneo
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Silvio	Ferraz	Brazil	University of São Paulo	Forest plantation landscape management for water ecosystem services provisioning in Brazil
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Christophe	ORAZIO	France	European Forest Institute	International congress of planted forest : main issues and research needs for planted forests
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Narendra	Bisht	India	Indian Council of Forestry research and Education, Dehradun, India	Economic valuation of the role of forests in providing water supply to the people of Aizawl town, Mizoram, India

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Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	John	O'Halloran	Ireland	UCC	Ecosystem services of planted forests through provision of habitat
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Hisatomo	Taki	Japan	Forestry and Forest Products Research Institute	Effects of planted forest biodiversity on pollination services
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Richard	Yao	New Zealand	SCION	The economic value of forest ecosystem services provided by New Zealand's planted forests
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Miguel	Bugalho	Portugal	Technical University of Lisbon and WWF Mediterranean Program	Promoting management practices targeting the conservation of biodiversity and ecosystem services in cork oak landscapes
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	David	Forrester	Switzerland	Chair of Silviculture, University of Freiburg	Biodiversity and productivity of planted forests
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Chris	Quine	United Kingdom	Forest Research	Ecosystem services of UK woodlands: downscaling scenarios and assessments from national to landscape scale
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Robert L.	Deal	United States	USDA Forest Service, PNW Research Station	Managing plantations worldwide to benefit forest biodiversity and enhance ecosystem services
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	YOUJUN	HE	China	CHINESE ACADEMY OF FORESTRY	Carbon storage capacity of monoculture and mixed-species plantations in subtropical China
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Zuomin	Shi	China	Chinese Academy of Forestry	Carbon and nitrogen Storage in monoculture and mixed plantation stands of nitrogen-fixing tree species in subtropical China
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Hui	Wang	China	Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry (CAF)	Effects of tree species and mixture on soil C sequestration and greenhouse gases emissions in subtropical plantations
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Ya Juan	Zhu	China		Spatial heterogeneity of soil available nutrients in black willow plantation in Gonghe Basin, Qinghai-Tibet Plateau
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Oscar	Abelleira Martinez	Costa Rica	University of Idaho and CATIE	Linking ecosystem service tradeoffs with perceived benefits from reforestation in human-modified tropical landscapes
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	naiem	mohammad	Indonesia	Faculty of Forestry UGM Yogyakarta Indonesia	A Success Story of Large Scale Productive Dipterocarp Planting and Ecological Services of Secondary Tropical Rain Forest in Indonesia
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Yozo	Yamada	Japan	Graduate School of Bio-agricultural Sciences, Nagoya University	Evaluation of broad leaf tree diversity in artificial forests at the landscape level
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Manuel Marino	Enciso Gomez	Paraguay	Facultad de Ciencias Agrarias - Universidad Nacional de Asuncion	EVALUATION OF NATURAL REGENERATION OF WOODY PLANTS IN A MIXED PLANTATION OF TREE SPECIES
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Alvaro Gustavo	Cañadas	Spain	Universidad Técnica del Norte	Ecological, social and economic evaluation of 15 years reforestation projects in Tropical Dry Forest, Ecuador
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Matts	Lindbladh	Sweden	Swedish University of Agricultural Sciences	Fast growing broadleaves and bird diversity
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Nadia	Barsoum	United Kingdom	Forest Research	Multitaxon responses to a 'diversification' in the composition of forest stands as an adaptation measure to global environmental change
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Kamran	Abdollahi	United States	SU	Urban Forest Ecosystem Assessment in Louisiana Using i-Tree Eco Model
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Lord	Ameyaw	United States	University of Washington	Assessing cultural ecosystem services and their association with other ecosystem services in research forest in the western Cascade Mountains, of Washington, USA.
Forest Biodiversity and Ecosystem Services	52 Ecosystem services provided by planted forests	Zohra	Bennadji	Uruguay	INIA Uruguay	Multipurpose trees as tools for ecosystem services deployment: a case study in Uruguay
Forest Biodiversity and Ecosystem Services	56 Dynamics of lava forest ecosystem	Hyung-soon	Choi	Korea, Republic of	Warm-temperate and Subtropical Research Center, KFRI	Growth Characteristics and Genetic Structure of Quercus gilva Population on Lava Forest in Korea.
Forest Biodiversity and Ecosystem Services	56 Dynamics of lava forest ecosystem	RaeHa	Jang	Korea, Republic of	Kongju National University	Production, Litter decomposition and Soil organic carbon in Abies koreana community at Mt. Halla
Forest Biodiversity and Ecosystem Services	56 Dynamics of lava forest ecosystem	Young Je	Kang	Korea, Republic of	Korea Forest Research Institute	Flora of Gotjawal Experimental Forests in Jeju Island, Korea

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Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	GUILLERMO JOSE	MARTINEZ PASTUR	Argentina	CONICET	Forest conservation strategies in Southern Patagonia: Differences between theory and practice
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Susana	Perez	Austria	University of Natural Resources and Life Sciences, Vienna	Exploring the relationship between tree species diversity and forest ecosystem services in face of climate change
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Marco Andrés	González Carantón	Brazil	Universidade Federal do Paraná UFPR	Payment for Environmental Services Aims to Combating the Desertification in Irauçuba, Ceará-Brazil.
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Dolors	Armenteras	Colombia	Universidad Nacional de Colombia	Integrating ecosystem services and forest ecological networks into state planning at multiple scales: the experience from Colombia
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Anna	Filyushkina	Denmark	University of Copenhagen	Trade-offs and synergies between ecosystem services in Nordic forests: What does this mean for forest management decisions?
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Anne	Tolvanen	Finland	Finnish Forest Research Institute and University of Oulu	Optimizing ecosystem services for sustainable re-use of low-productive peatland forests
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Hans	Verkerk	Finland	European Forest Institute	Mapping ecosystem services provided by European forests
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Emeline	Hily	France	INRA	Incentive payments for plant biodiversity conservation in forests: dynamic and spatial analysis
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Sandra	Luque	France	IRSTEA-France & University of St. Andrews	Operationalization of the concepts of Ecosystem Services and Natural Capital: Forest ecosystem functioning and trade-offs
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Susanne	Frank	Germany	Center for Development Research (ZEF), Dept. Ecology and Natural Resources Management, University of Bonn	Forest management at the landscape level – an integrated approach
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Christine	Fürst	Germany	Center for Development Research (ZEF) Dept. Ecology and Natural Resources Management University of Bonn	From forest functions to forest ecosystem services (ES) – benefits from introducing the ES concept
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Sabine	Fuss	Germany	Mercator Research Institute on Global Commons and Climate Change	Spatial modeling of ecological-economic tradeoffs: bioenergy production and biodiversity conservation in the Alps
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Karla	Locher	Germany	PhD student/ Helmholtz Centre for Environmental Research	Spatial-temporal analysis of forest ecosystem services in the South of Chile.
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Raffaele	Lafortezza	Italy	Dip. Scienze Agro-Ambientali e Territoriali, Università degli Studi di Bari	ECOSYSTEM SERVICES IN URBAN FOREST AREAS: BALANCING CARBON STORAGE AND BIODIVERSITY
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Victor	Avila-Akerberg	Mexico	Instituto de Ciencias Agropecuarias y Rurales	Forest management for ecological restoration and conservation of ecosystem services around Mexico City. An applied ongoing case study.
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Johan	Svensson	Sweden	SLU	Landscape sustainability in Sweden, Canada and Chile in an ecosystem services context
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Jiquan	Chen	United States	University of Toledo	Coupled Human and Environment at Landscape and Regional Scales: Renewed Challenges for the Societies

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Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Thomas	Geburek	Austria	Department of Forest Genetics - Federal Research Centre for Forests	Austrian Forest Biodiversity Index (AFBI) – concept and results
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Fifanou	VODOUHE	Benin	Laboratory of Applied Ecology	Tourism activities and biodiversity conservation within protected areas in West Africa
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Bunnath	Khun	Cambodia	Biodiversity Conservation Corridors Cambodia	Biodiversity and ecosystem services project in Cambodia.
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Li	Tian	China	Chinese Academy of Sciences	Co-evolutions of land use and socioeconomic characteristics in Chinese Urban Systems
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Felipe	Rincón Borrero	Colombia	Federación Nacional de Cafeteros de Colombia	Developing conservation corridors for biodiversity and watershed protection in coffee-growing regions of Risaralda, Colombia
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	SELENE	TORRES RODRIGUEZ	Colombia	FUNDACION NATURA	ANALYSIS OF ECOSYSTEM SERVICES OF MONQUETIVA SWAMP, AS OF THE ECOLOGICAL INTEGRITY OF THE ECOSYSTEMS, COLOMBIA
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Søren	Larsen	Denmark	University of Copenhagen, Department of Geosciences and Natural Resource Management, Section for Forest, Nature and Biomass	Spatial Multi-Criteria Analysis to Optimize Bioenergy Crop Production and Localization in Denmark
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Vincent	Thierion	France	Irstea	Forest planners' perception of future landscape trajectories - A case study in a French forested mountainous region -
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Prakash Chandra	Tiwari	India	Kumaun University, Nainital, India	Land Use Changes and Their Impacts on Forest Ecosystem Services in Himalaya: Need For Comprehensive Land Use Policy
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Anna	Barbati	Italy	University of Tuscia	Designing innovative silvicultural best practices to increase multi-taxa biodiversity in Natura 2000 priority habitats (9210* and 9220*) Apennine beech forests
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Joram	Kagombe	Kenya	Kenya Forestry Research Institute	The Potential of Payment for Watershed Protection in Ndaka-ini Dam, Murang'a County, Kenya
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	CAMBRON	VICTOR	Mexico	UNIVERSIDAD AUTÓNOMA DE QUERÉTARO	Mechanism for assessment of environmental services and carbon sequestration the "Sierra Gorda" Queretaro, Mexico.
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Ram Prasad	Lamsal	Nepal	Ministry of Forests and Soil Conservation	Performance and potential of landscape level biodiversity conservation for climate change adaptation and mitigation in Nepal
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Per	Angelstam	Sweden	Swedish University of Agricultural Sciences	Perceived benefits from boreal forest landscapes: the importance of historical legacies for interpretation of ecosystem services
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Henrik	Hedenås	Sweden	Swedish University of Agricultural Sciences	Quantity and spatial extent of ecosystem services within the Vilhelmina model forest landscape
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	Karin	Ohman	Sweden	Department of Forest Resource Management, Swedish University of Agricultural Sciences	Long term forest planning with consideration to fragmentation
Forest Biodiversity and Ecosystem Services	59 The benefits of introducing the ecosystem service concept in forest management and planning at different spatial scales	James	Watson	United States	West Virginia University	Species Richness and Forest Productivity: A Large-scale geospatial analysis

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Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Brendan	Mackey	Australia	Griffith University	Sustainable pathways for primary forest under a changing climate: ecological, social and economic constraints
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Stephan A.	Pietsch	Austria	University of Natural Resources and Life Sciences	Past, presence and possible futures of the western Congolian lowland rainforest (WCLRF)
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Lucas	Mazzei	Brazil	Embrapa Amazônia Oriental	Forest resilience depends on the stand variations: forest dynamics of an Amazonian forest 30 years after logging
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Sven	Guenter	Costa Rica	CATIE	Dry forests of Ecuador, potential for natural forest management and carbon sequestration?
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Jean-Paul	Laclau	France	CIRAD, UMR Eco&Sols	Adaptation of eucalypt trees to water and nutrient deficiencies: insights from Brazilian experiments question conventional recommendations
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Plinio	Sist	France	Cirad	Current state and new trends in the silviculture and sustainable management of tropical production forests
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Martin	Mendoza	Mexico	Colegio de Postgraduados	HARVEST REGULATION FOR MULTIRESOURCE MANAGEMENT, OLD AND NEW APPROACHES
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	EKeoba	Isikhuemen	Nigeria	University of Benin, Benin City, Nigeria	TROPICAL SHELTERWOOD SYSTEM AND ITS IMPACT ON THE HETEROGENOUS FORESTS OF WEST AFRICA: THE NIGERIAN EXPERIENCE.
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Manuel	Guariguata	Peru	Center for International Forestry Research	Multiple-use forest management in Madre de Dios, Peru: The sustainability of Brazil nut production and timber in an integrated system
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Sheila E.	Ward	United States	Mahogany for the Future, Inc.	Managing high-value tropical timber species for carbon capture
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Gbènakpon Aubin Yamonwan Guénilé	Amagnidé	Benin	Département de Génie de l'Environnement, Ecole Polytechnique d'Abomey-Calavi, Université d'Abomey-Calavi, 01 BP 2009 Cotonou (République du Bénin)	Ecological consequences of tree-logging in natural tropical vegetation: a case study of Wari-Marô Forest Reserve (Benin)
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Aline	Canetti	Brazil	Embrapa	Mezilaurus itauba sustainable management in Brazilian Amazon
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Marcelino	Carneiro Guedes	Brazil	Embrapa Amapá	Natural regeneration management of "pau mulato" in amazonian estuary floodplains forests
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Rodrigo	Hakamada	Brazil	University of São Paulo	Eucalyptus stocking and soil preparation in a frontier region at north of Brazil: necessity of changing concepts from traditional regions
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	EVALDO	MUÑOZ-BRAZ	Brazil	EMBRAPA	Potential of natural forest production in Sinop County at Amazonia region, Brazil
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Mariana	Oliveira	Brazil	UFPR	Growth pattern of Qualea albiflora and Goupia glabra in Amazon forest, Mato Grosso State, Brazil
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Liz	Ota	Brazil	UNESP	Species' grouping for timber management in Brazilian Eastern Amazon
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Andreia	Santos	Brazil	Embrapa	Diameter growth dynamic of Trattinnickia burseraefolia
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Edson	Vidal	Brazil	ESALQ/University of Sao Paulo	How maintain the productive value of Amazonian rainforests
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Samreth	Vanna	Cambodia	Forestry Administration	Stand dynamics, growth and yield of evergreen forest in Cambodia – a case study in Koh Kong province
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	NNANGA MEBENGA	RUTH LAURE	Cameroon	UNIVERSITY OF YAOUNDE I	Development of Pericopsis elata's seedling around seed bearer in a logging forest of South East Cameroon
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Yi	Ding	China	Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	The vegetation recovery of tropical rain forests under different commercial logging manners on Hainan Island, China
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Miguel Angel	Quimbayo Cardona	Colombia	University of Tolima	TEMPERATURE EFFECTS ON TREE AND BIRDS RICHNESS IN A MANAGED FOREST FOR TIMBER IN EAST AMAZONIA (BRAZIL)
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Miguel Angel	Quimbayo Cardona	Colombia	University of Tolima	FOREST STRUCTURE AND BIODIVERSITY OF MANAGED TROPICAL RAINFOREST FOR TIMBER IN EAST AMAZONIA (BRAZIL)

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Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Coffi Florent	DOSSA GBO	France	Laboratoire des Sciences Forestières	Structure and Ecological Characteristics of the Pobè Forest in the South-east of Benin
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Sunday Berlioz	KAKPO	France	Laboratoire des Sciences Forestières (LSF/FSA/UAC) Chair of Silviculture, Faculty of Environment and Natural Resources, University of Freiburg	Structure and Spatial Distribution of Cola millenii, Dialium Guineense and Afzelia Africana in the Bonou and Itchede Forests.
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Angela Luciana	de Avila	Germany	University of Natural Resources and Life Sciences, Vienna	Post-logging stand dynamics of a tropical rain forest in the Brazilian Amazon
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Franziska	Schier	Germany	Chair of Forest Utilization/Uni-Freiburg	Characteristics, Structure, and Tree Species Diversity of a Tropical Exploitation Forest after 40 Years of Regeneration
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	van tuong	tran	Germany	Forestry Research Institute of Ghana	Sustainability in conventional logging of natural forest in Vietnam: Issues and way forward
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Gloria	Djaney Djagbletey	Ghana	IUCN	Carbon Stock Recovery of a Natural Forest after Selective Logging: Contributions by Ecological Guilds
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Daniel	Galeano	Honduras	Govt. Model Science College. Jabalpur, M.P.	Benefits of using portable equipment for sawing and cable transport in small-scale harvesting in tropical rainforest of Honduras.
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Radhika	Urmalia	India	Faculty of Forestry, University of Gadjah Mada	EFFECT OF DIFFERENT PLANTING PRACTICES OF TECTONA GRANDIS L.F. ON ITS GROUND FLORA
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Widiyatno	Widiyatno	Indonesia		The Challenges and Opportunities of Selective Cutting and Strip Planting Silviculture System to Improve Productivity of Secondary Tropical Rain Forest in Indonesia
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Massimiliano	Sanfilippo	Italy	COSPE NGO	A simplified method for yield regulation of miombo woodlands in the context of Participatory Forest Management
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Gufrin	Amlin	Malaysia	University of Technology MARA (UiTM), Shah Alam, Malaysia	Tree Diversity and Soil Nutrient Studies of Logged-Over Forest in Peninsular Malaysia
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Ismail	Harun	Malaysia	Forest Research Institute Malaysia	Selective Management System in Peninsular Malaysia: Improvement needed to its silvicultural system based on recent research findings
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Abd Rahman	Kassim	Malaysia	Forest research Institute Malaysia	Tree population dynamics of second growth dipterocarp forest after selective harvesting
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	SAMSUDIN	MUSA	Malaysia	FOREST RESEARCH INSTITUTE MALAYSIA (FRIM)	Implementing a Silvicultural Selection System in Managing Tropical Forests
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Mohd Effendi	Wasli	Malaysia	Universiti Malaysia Sarawak	Effect of site condition and soil physical properties on the growth performance of planted Shorea macrophylla in reforestation site at Sampadi Forest Reserve
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Sunday	Adeduntan	Nigeria	The Federal University of Technology Akure	CHANGES IN TREE DIVERSITY DUE TO INTENSITY OF LOGGING IN TROPICAL RAINFOREST OF AKURE RESERVE NIGERIA
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Adeola Aarinola	Olabiwonnu	Nigeria	Federal University of Technology, Akure, Nigeria	Biodiversity and Regeneration Potential of Understorey Species in Enriched and Degraded Forests in Ondo State, Nigeria
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Andrea	Chavez	Peru	Universidad Nacional Amazonica de Madre de Dios	Linking National Forestry Reform to Actual Timber Management in Southeastern Peru
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Daniel	Lussetti	Sweden	Swedish University of Agricultural Science	18 years of post-logging recovery in a mixed dipterocarp forest Sabah, Borneo: evaluation of modified RIL and climber cutting.
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Chongrak	Wachrinrat	Thailand	Kasetsart University	Species Diversity of Teak Plantation under Different Stages of Silvicultural Practices, Phrae Province, Thailand.
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Karen	Kainer	United States	University of Florida	Testing a silvicultural recommendation: Brazil nut responses 10 years after liana cutting
Forest Biodiversity and Ecosystem Services	64 What future for tropical silviculture?	Néstor	Gutierrez	Venezuela	Instituto de Investigaciones para el Desarrollo Forestal (INDEFOR). Universidad de Los Andes, Mérida, Venezuela	Impact of logging operations on the remnant forest of a humid tropical forest in the Imataca forest reserve, Venezuela
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Marc-Andre	Gonze	France	IRSN	Modelling of Radionuclides Transfer and Ambient Dose Rates in Fukushima Forest Ecosystems : a preliminary study
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Yves	Thiry	France	Andra	Biogeochemical cycling of radiocaesium in contaminated forest area: an overview

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Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Shinji	Kaneko	Japan	Forestry and Forest Products Research Institute	Distribution and migration of radiocesium in the forest ecosystem after the Fukushima Dai-ichi Nuclear Power Plant (NPP) accident
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Hideki	Ogawa	Japan	Fukushima Forestry Research Center	Inside contamination of Japanese cedar tree by radiocesium from Fukushima Nuclear Power Plant Accident
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Ludmila	Zhirina	Russian Federation	The Director of the Scientific Non-governmental Organization Viola	Dendrological method as a biological indicator of radioactive contamination of forests
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Sergiy	Zibtsev	Ukraine	National University of Life and Environmental Sciences of Ukraine	Managing the irradiated forest of the Chernobyl Exclusion Zone for nature conservation, fire protection, and biomass fuel production
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Yves	Thiry	France	Andra	Impact of forest vegetation on long term recycling of radionuclides at polluted sites
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Ganna	Shutenko	Ireland	PhD student at the University College Dublin, Funded of Irish Research Council	Mesofauna as bioindicator and recultivator of radioactive contamination soil of pine and birch forests near Chernobyl
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Kenji	Fukuda	Japan	the University of Tokyo	Radiocesium contamination in Satoyama forests in Kashiwa city, suburb of the Tokyo metropolitan area
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Tsutomu	Kanasashi	Japan	Nagoya university	Seasonal change of cesium 137 in different age needles and male flowers of Japanese cedar (<i>Cryptomeria japonica</i>) in Fukushima
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Satoru	Miura	Japan	Forestry and Forest Products Research Institute	Radiocesium inventory of forested land in Japan just before Fukushima Daiichi Nuclear Power Plant accident
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Tadafumi	Niizato	Japan	Japan Atomic Energy Agency	Predominant factor in the depth profile in forest soil of radiocaesium, released by the Fukushima Daiichi Nuclear Power Plant Accident
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Naoki	Okada	Japan	Kyoto University	Functional differences between ectomycorrhizal and saprophytic fungi with respect to the distribution of ¹³⁷ Cs in forest soil
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Tsutomu	Takano	Japan	Forestry and Forest Products Research Institute	Acquisition of radioactive cesium in the stems of trees in Japan
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Chisato	TAKENAKA	Japan	professor	Transport of Cs in Japanese bamboo -Perspective on decontamination of radiocaesium from bamboo forests-
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Hirohisa	Yoshida	Japan	Tokyo Metropolitan University	Transportation of radiocesium from forest to agricultural fields
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Mayumi	Yoshimura	Japan	Forestry and Forest Products Research Institute	Radioactive contamination of aquatic animals in stream impacted by the Fukushima nuclear power plant accident
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Stanislav	Zhirin	Russian Federation	Postgraduate student, the Scientific Non-governmental Organization VIOLA	Forest Management on the territory with the radioactive contamination (case study Chernobyl, Russia)
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Nataliia	Zarubina	Ukraine	Institute for Nuclear Research of National Academy of Sciences of Ukraine	Accumulation of Cs-137 by higher fungi after the accident on the Chernobyl NPP
Forest Biodiversity and Ecosystem Services	77 Radioactive contamination in forest ecosystems and safe uses of forest products	Nataliia	Zarubina	Ukraine	Institute for Nuclear Research of National Academy of Sciences of Ukraine	Carrying out of remediation of forest soils with use of fruit bodies of the higher fungi
Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	Sonya	Odsen	Canada	University of Alberta	Partial retention harvest benefits songbird assemblages in the boreal forest of Canada
Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	Witold	Grzywiński	Poland	Poznań University of Life Sciences	The attractiveness of managed Scots pine forests in different age as a foraging site for bats
Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	Anu	Korosuo	Sweden	Swedish University of Agricultural Sciences, Department of Forest Resource Management	Long-term effects of forest management on reindeer grazing in northern Sweden: a scenario analysis approach
Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	NARE	M'tékounm	Togo	Laboratory of Botany and Plants Ecology, Faculty of science, University of Lomé.	Management of wildlife in Sarakawa Parc in Togo: Connection between habitat and wildlife
Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	Aniko	POLO-AKPISSO	Togo	Laboratory of Botany and Plant Ecology/Faculty of Sciences/University of Lomé	Wildlife distribution according to habitat features within Oti-Kéran National Park (Togo)

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Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	Amber	Roth	United States	Michigan Technological University	Bird and insect pollinators respond similarly to aspen forest stand development in northern Wisconsin, USA
Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	Alejandro	Royo	United States	USDA Forest Service	The Effects of Landscape Heterogeneity and Ungulate Density on Understory Vegetation in Northwestern Pennsylvania
Forest Biodiversity and Ecosystem Services	Forest management for wildlife conservation	Chris	Witt	United States	U.S. Forest Service	Pinyon jay nest and cache site selection in pinyon-juniper woodlands of the Great Basin
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Katinka	Ruthrof	Australia	Centre of Excellence for Climate Change, Woodland and Forest Health, Murdoch University	Intervention strategies for community driven restoration of an iconic canopy species with specific regeneration niche requirements
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Leonardo Augusto	Martins	Brazil	UNESP	Natural regeneration in a disturbed tropical seasonal forest fragment: implications for wildlife habitat restoration.
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Ricardo J.	Santiago-García	Costa Rica	Centro Agronómico Tropical de Investigación y Enseñanza (CATIE) University of Idaho	Effects of forest fragmentation on the successional dynamics of secondary forests in the San Juan-La Selva Biological Corridor, Costa Rica
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Jörg	Kunz	Germany	Chair of Silviculture, University of Freiburg	Regeneration patterns and persistence of the of the rare tree species Sorbus torminalis in Central European oak coppice forests
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Raffaella	Marzano	Italy	University of Torino, IT	Post-fire regeneration in mountain forests of the Alps: role of biological legacies and impact of restoration strategies
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Keisuke	Toyama	Japan	University of Tokyo	Current pictures and feasibility of quasi-clearcutting in Japan
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Susana	Maza Villalobos Méndez	Mexico	UNAM	Effects of ENSO and temporal rainfall variation on the dynamics of successional communities in old-field succession of a tropical dry forest
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	khalid	CHERKI	Morocco	HCEFLCD	Burn severity and post-fire regeneration modeling in Mediterranean forests - Case of Mâamora forest, Morocco-
Forest Biodiversity and Ecosystem Services	Forest regeneration: challenges and prospects	Harold	Zald	United States	Oregon State University, Department of Forest Ecosystems and Society	Regeneration composition and heterogeneity ten years after thinning and prescribed burning in a Sierra Nevada mixed-conifer forest, California, USA
Forest Biodiversity and Ecosystem Services	General Poster Session	Sandra	Bravo	Argentina	Facultad de Ciencias Forestales UNSE	Response of small individuals of hardwood species to surface fires in western Chaco region, Argentina
Forest Biodiversity and Ecosystem Services	General Poster Session	Jonathan	Henn	Argentina	Centro Austral de Investigaciones Cientificas	Invasive North American beaver (Castor canadensis) habitat selection and impact in Tierra del Fuego, Argentina
Forest Biodiversity and Ecosystem Services	General Poster Session	Julián Alberto	Sabattini	Argentina	Cátedra Ecología de los Sistemas Agropecuario (FCA UNER)	Environmental and vegetation units of native forests according to their edaphic conditions in a farm in Feliciano, Entre Rios, Argentina
Forest Biodiversity and Ecosystem Services	General Poster Session	Rafael Alberto	Sabattini	Argentina	Cátedra Ecología de los Sistemas Agropecuario (FCA UNER)	Degraded native forest characterization by remote sensing in a private field in Feliciano, Entre Rios, Argentina
Forest Biodiversity and Ecosystem Services	General Poster Session	Legi	Sam	Australia	Environmental Futures Centre, & School of Environment, Griffith University, Australia	Folivorous insect communities on Ficus (Moraceae) trees along an altitudinal gradient in Papua New Guinea
Forest Biodiversity and Ecosystem Services	General Poster Session	Mohammed Kamal	Hossain	Bangladesh	Institute of Forestry and Environmental Sciences, Chittagong University	Composition and Diversity of Tree Species in Kamalchari Natural Forest of Chittagong South Forest Division, Bangladesh
Forest Biodiversity and Ecosystem Services	General Poster Session	Mohammed Kamal	Hossain	Bangladesh	Institute of Forestry and Environmental Sciences, Chittagong University	Growth performance of four major plantation tree species and changes on soil properties of a private plantation forest in Chittagong, Bangladesh
Forest Biodiversity and Ecosystem Services	General Poster Session	Md. Enamul	Kabir	Bangladesh	Khulna University	Can Homegardens Conserve Biodiversity in Bangladesh?
Forest Biodiversity and Ecosystem Services	General Poster Session	Fiacre Codjo	AHONONGA	Benin	Programme d'Appui aux Parcs de l'Entente	Dynamic quality trophies of wild ungulates in hunting areas of Biosphere Reserve Pendjari
Forest Biodiversity and Ecosystem Services	General Poster Session	Emeline P.S.	ASSEDE	Benin	University of Abomey-Calavi/Laboratory of Applied Ecology	Relation between soil type and potential of regeneration in vegetation pattern of Sudanian zone
Forest Biodiversity and Ecosystem Services	General Poster Session	Alain	Gbètoho	Benin	Laboratory of Forest Sciences, Faculty of Agricultural Sciences (University of Abomey-Calavi)	Ecology and dynamics of tree species in the Lama forest reserve (southern Benin) for conservation and management strategies

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Forest Biodiversity and Ecosystem Services	General Poster Session	Isidore	GNONLONFOUN	Benin	Laboratory of Applied Ecology (University of Abomey-Calavi) Benin	Effect of inventory plots patterns and spatial distribution of recruitments in their dendrometric analysis in tropical forest
Forest Biodiversity and Ecosystem Services	General Poster Session	Isidore	GNONLONFOUN	Benin	Laboratory of Applied Ecology (University of Abomey-Calavi) Benin	Spatial pattern analysis of the recruitments in the Lama forest reserve in Southern-Benin
Forest Biodiversity and Ecosystem Services	General Poster Session	Nounagnon Gerard	GOUWAKINNOU	Benin	Laboratoire d'Ecologie Appliquée (LEA)	Phenology and fruit production of <i>Sclerocarya birrea</i> subsp. <i>birrea</i> in agroforestry parklands of Northern Benin
Forest Biodiversity and Ecosystem Services	General Poster Session	Thierry	Houehanou	Benin	Laboratory of Applied Ecology, University of Abomey Calavi	Ecological gap analysis of a protected area in Benin: an overview on plant resources (West Africa)
Forest Biodiversity and Ecosystem Services	General Poster Session	Méryas Dègbémabou	KOUTON	Benin	Centre National de Gestion des Réserves de Faune (CENAGREF)	Diversity and abundance of mammals in Pendjari Biosphere Reserve, Benin - West Africa
Forest Biodiversity and Ecosystem Services	General Poster Session	Koupamba Gisèle	SINASSON SANNI	Benin	Laboratory of Applied Ecology, Faculty of Agronomic Sciences, University of Abomey-Calavi, Benin	Which factors can explain changes in the distribution range of <i>Mimusops andongensis</i> Hiern in Benin?
Forest Biodiversity and Ecosystem Services	General Poster Session	ANANDA VIRGINIA	AGUIAR	Brazil	EMBRAPA FORESTRY	SEX RATIO AND STATUS NUMBER IN PROGENIES TEST OF DIOECIOUS TREE SPECIES
Forest Biodiversity and Ecosystem Services	General Poster Session	Eliana	Cardoso-Leite	Brazil	Federal University of San Carlos	Understory, ferns and lianas as indicators of the conservation status in remnants of Brazilian Atlantic Rain Forest
Forest Biodiversity and Ecosystem Services	General Poster Session	Celso	Darci Seger	Brazil	UFPR	FIRE BEHAVIOR ON PRESCRIBED BURNINGS IN PALMEIRA COUNTY GRASSLAND, PARANÁ STATE, BRAZIL.
Forest Biodiversity and Ecosystem Services	General Poster Session	Silvio	Ferraz	Brazil	University of São Paulo	How green are forest fragments inserted into tropical agricultural landscapes? Implications for ecosystem services provisioning
Forest Biodiversity and Ecosystem Services	General Poster Session	Magali	Futrlan Nehemy	Brazil	UNESP - São Paulo State University	Analysis of edge effect in a Brazilian Rainforest
Forest Biodiversity and Ecosystem Services	General Poster Session	Jose	Imana	Brazil	University of Brasilia	The employment of two methods of volume scaling for <i>Eremanthus incanus</i> Less.
Forest Biodiversity and Ecosystem Services	General Poster Session	Betina	Kellermann	Brazil	CNPq scholarship holder	The influence of native bamboos on forest regeneration in the Bamboo Forests of southern Brazil
Forest Biodiversity and Ecosystem Services	General Poster Session	ANDRE	LACERDA	Brazil	EMBRAPA	Forest succession stagnation in southern Brazil forests – the role of bamboos
Forest Biodiversity and Ecosystem Services	General Poster Session	Jessica Caroline	Maran	Brazil	Federal University of Paraná	Survival analysis in plantations of <i>Araucaria angustifolia</i> (parana-pine) derived from seedlings and seeds
Forest Biodiversity and Ecosystem Services	General Poster Session	Ranieri	Ribeiro Paula	Brazil	University of São Paulo	Variation throughout the year of N ₂ -fixation of <i>Acacia mangium</i> in pure stand or in association with <i>Eucalyptus grandis</i>
Forest Biodiversity and Ecosystem Services	General Poster Session	Rita	Sampaio	Brazil	UNESP	Dynamic forest of tree species in a fragment of mata atlantica rainforest
Forest Biodiversity and Ecosystem Services	General Poster Session	Kangbeni	DIMOBE	Burkina Faso	Laboratory of Botany and plant ecology/ Universities of Ouagadougou (Burkina) and 2Universität Rostock, Institut für Biowissenschaften, Allgemeine und Spezielle Botanik, D-18051 Rostock/ WASCAL	Assessment of vegetation structure under human pressure in the wildlife reserve of Bontioli (Burkina Faso, West Africa)
Forest Biodiversity and Ecosystem Services	General Poster Session	Assan	GNOUMOU	Burkina Faso	Université de Ouagadougou/Laboratoire de Biologie et écologie végétales	Woody Plant Diversity and Stand Structure in the Comoe-Leraba Reserve, Southwestern Burkina Faso (West Africa)
Forest Biodiversity and Ecosystem Services	General Poster Session	Saret	Khorn	Cambodia	Forestry Administration/MAFF	SPECIES COMPOSITION AND STAND STRUCTURE OF TREES IN NORTHERN CAMBODIA
Forest Biodiversity and Ecosystem Services	General Poster Session	Aaron	Bell	Canada	University of Alberta	Island size, isolation, and forest ground beetle (Coleoptera: Carabidae) diversity on the fire-prone landscape of Lac La Ronge
Forest Biodiversity and Ecosystem Services	General Poster Session	Vincent	Del Bel Belluz	Canada	University of Alberta	Response of ground-beetle (Carabidae) assemblages to harvest and wildfire in lodgepole pine forests of western Alberta, Canada

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Forest Biodiversity and Ecosystem Services	General Poster Session	Claudio	La Rocca	Canada	University of Alberta	Influence of forest management strategies and environmental conditions on epigeic arthropod biodiversity
Forest Biodiversity and Ecosystem Services	General Poster Session	Melanie J.	McCavour	Canada	Concordia University; UQAM	Fine woody debris (FWD) and biodiversity in managed forests: effects of the spatial distribution of FWD on invertebrates, small vertebrates, fungi, and plants
Forest Biodiversity and Ecosystem Services	General Poster Session	Jaime	Pinzon	Canada	University of Alberta	Small scale distribution in ground-dwelling arthropods reveals big picture patterns
Forest Biodiversity and Ecosystem Services	General Poster Session	Adison	Altamirano	Chile	Universidad de La Frontera	Where will forest loss occur? Identifying attractors of forest loss in temperate ecosystems of south-central Chile
Forest Biodiversity and Ecosystem Services	General Poster Session	Rolando	García	Chile	Facultad de Ciencias Agrarias y Forestales. Universidad Católica del Maule, Talca	Micropropagation of Ruil (<i>Nothofagus alessandrii</i>): Biotechnology applied for conservation and management of a threatened species.
Forest Biodiversity and Ecosystem Services	General Poster Session	jose	hernandez	Chile	INIA	Effect of nitrogen fertilization on morphological parameters <i>Balmsocarpon brevifolium</i> , <i>Oxalis gigantea</i> and <i>Balbisia peduncularis</i> : xerophytic species of importance in arid zones of Chile.
Forest Biodiversity and Ecosystem Services	General Poster Session	Alvaro	Promis	Chile	Department of Silviculture and Nature Conservation, University of Chile	Early performance of planted <i>Nothofagus antarctica</i> and <i>N. betuloides</i> and effects of browsing damage in northern Chilean Patagonia
Forest Biodiversity and Ecosystem Services	General Poster Session	Rodrigo	Vargas G	Chile	Instituto de Ecología y Biodiversidad, Chile	Identification of tree regeneration thresholds for invasive plant species management in the threatened forest of Robinson Crusoe Island, Chile.
Forest Biodiversity and Ecosystem Services	General Poster Session	Ruimei	Cheng	China	Research Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	Community Characteristics and Species Diversity of <i>Castanopsis fargesii</i> Community in Three Gorges Reservoir Area in China
Forest Biodiversity and Ecosystem Services	General Poster Session	Keyin	Sheng	China	Jiangxi Agricultural University	Evaluation of Soil Anti-erodibility <i>Eucalyptus grandis</i> Forest Land
Forest Biodiversity and Ecosystem Services	General Poster Session	Zuomin	Shi	China	Chinese Academy of Forestry	Successional Dynamics of Community Structure and Species Diversity after Clear-cutting of <i>Abies faxoniana</i> Forest Stands
Forest Biodiversity and Ecosystem Services	General Poster Session	Runguo	Zang	China	Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	The species and functional diversity variation along secondary succession of tropical lowland rain forest on Hainan Island, China
Forest Biodiversity and Ecosystem Services	General Poster Session	Xiao	Zheng	China	Institute of Applied Ecology, Chinese Academy of Sciences	A new forestry-climatic classification for forest suitability zoning in the Three-North regions, China
Forest Biodiversity and Ecosystem Services	General Poster Session	Jiaojun	ZHU	China	State Key Laboratory of Forest and Soil Ecology, Institute of Applied Ecology, Chinese Academy of Sciences	Methods for determining the thresholds of forest gaps (treefall gaps)
Forest Biodiversity and Ecosystem Services	General Poster Session	Loren Sptefannie	Baquero Carvajal	Colombia	Universidad Distrital Francisco José de Caldas	GROUND BEETLES (COLEOPTERA, CARABIDAE) ASSEMBLAGE IN FORESTS PLANTATIONS OF THE COLOMBIAN ORINOQUIA
Forest Biodiversity and Ecosystem Services	General Poster Session	Maira Alejandra	Beltrán Díaz	Colombia	Universidad Distrital Francisco José de Caldas	TERMITE RICHNESS IN <i>Pinus caribaea</i> Muell. PLANTATIONS IN THE COLOMBIAN ORINOQUIA
Forest Biodiversity and Ecosystem Services	General Poster Session	Jeimy Lorena	Bonilla Vargas	Colombia	Universidad del Tolima	Phenological evaluation of five commercial forest species of ecological importance in the forests of the Department of Tolima, Colombia
Forest Biodiversity and Ecosystem Services	General Poster Session	Omar	Melo Cruz	Colombia		Interspecific tree competition and functionality in tropical dry forest environments in the Alto Magdalena region, Colombia, South America
Forest Biodiversity and Ecosystem Services	General Poster Session	Nathaly	Rodríguez Santos	Colombia		Ecophysiology of seedling banks of tree species in contrasting environments of tropical rainforests in the Columbian Chocó Bioregion
Forest Biodiversity and Ecosystem Services	General Poster Session	Michael Antonio	Porras Jiménez	Costa Rica	ITCR	Structure and floristic composition of the cloud forest on Cocos Island National Park
Forest Biodiversity and Ecosystem Services	General Poster Session	MANGARA	Ali	Côte d'Ivoire (Ivory Coast)	Centre de Recherche en Ecologie à l'Université Université d'Abobo-Adjamé) 08 BP 109 Abidjan 08, Côte d'Ivoire	Germination tests of <i>Ricinodendron heudelotii</i> in the Fromager-region in the central western part of Côte d'Ivoire

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Forest Biodiversity and Ecosystem Services	General Poster Session	Miladys	Delgado	Cuba	Laboratorio de Biotecnología. Instituto de Investigaciones Agroforestales	Management of Cedar (<i>Cedrela odorata</i> L.) by means of in vitro propagation techniques.
Forest Biodiversity and Ecosystem Services	General Poster Session	Katerina	Tvardikova	Czech Republic	Biology Centre AS CR, v. v. i. Institute of Entomology Branisovska 31 CZ-370 05 Ceske Budejovice Czech Republic	Ecology of forest birds along a complete altitudinal rainforest gradient in Papua New Guinea
Forest Biodiversity and Ecosystem Services	General Poster Session	Ib	Johnsen	Denmark	University of Copenhagen	Epiphytes on <i>Pinus mugo</i> introduced around 1850 from the Alps to Danish coastal dune systems
Forest Biodiversity and Ecosystem Services	General Poster Session	Hussein	Aly	Egypt	Forestry Dept. Alexandria University	Taxonomy of Pine Trees Grown in Al-Jabal Al-Akdar Zone, LIBYA
Forest Biodiversity and Ecosystem Services	General Poster Session	Ermias	Lulekal	Ethiopia	Ghent University	Plant Species Composition and Vegetation Structure of Angetu Forest, Southeastern Ethiopia
Forest Biodiversity and Ecosystem Services	General Poster Session	mamo Kebede	Beshawored	Finland	University Lecturer	Flowering and fruiting phenology and floral visitation of four native tree species in the remnant moist Afromontane forest of Wondo Genet, south central Ethiopia
Forest Biodiversity and Ecosystem Services	General Poster Session	Harald	Schaich	Germany	University of Freiburg	Small-scale private forests provide increased structural diversity and carbon storage in Germany's Swabian Alb biosphere reserve
Forest Biodiversity and Ecosystem Services	General Poster Session	Daniel	Agyei	Ghana	Presbyterian University College, Ghana	Amphibians Richness and Distribution Along Mountainous Forest Ecosystem in Ghana
Forest Biodiversity and Ecosystem Services	General Poster Session	Esther Mensah	Opoku	Ghana	CSIR-Forestry Research Institute of Ghana	Sustainable regeneration of African mahogany: The effects of potting mixtures on vegetative propagation of <i>Khaya ivorensis</i> and <i>Khaya grandifoliola</i>
Forest Biodiversity and Ecosystem Services	General Poster Session	Emmanuel	Opuni Frimpong	Ghana	Forestry Research Institute of Ghana	Impact of Biochar on potting media for the rooting of <i>Khaya ivorensis</i> and <i>Khaya grandifoliola</i> leafy stem cuttings
Forest Biodiversity and Ecosystem Services	General Poster Session	MOHANAN	CHORAN	India	KERALA FOREST RESEARCH INSTITUTE	Macrofungi in different Forest Ecosystems of the Western Ghats, India: Diversity and Taxonomy
Forest Biodiversity and Ecosystem Services	General Poster Session	Shivanna	Honnurappa	India	University of Agricultural Sciences, Dharwad, Karnataka- India	PROVENANCE STUDY OF <i>Cassia fistula</i> L. FOR POD, SEED AND SEEDLING TRAITS.
Forest Biodiversity and Ecosystem Services	General Poster Session	Aniruddha	Majumder	India	Global Tiger Forum	Long term population monitoring of tiger (<i>Panthera tigris</i>) in a tropical deciduous forest of central India
Forest Biodiversity and Ecosystem Services	General Poster Session	Prakash	Masabathula	India	NFDB	Effect Of Exotic Forest Plantations And Their Harvesting On Aquatic Biodiversity And Livelihood Sustainability Of Forest Dependent Communities
Forest Biodiversity and Ecosystem Services	General Poster Session	Ombir	Singh	India	Forest Research Institute, Dehradun, Uttarakhand, India	Allelopathic potential of polypody fern in temperate forests of western Himalayas
Forest Biodiversity and Ecosystem Services	General Poster Session	Rahmawaty		Indonesia	University of Sumatera Utara	MAPPING OF FOREST PLANTS USING GEOGRAPHIC INFORMATION SYSTEM IN SUPPORTING NATURAL RESOURCES CONSERVATION IN TANGKAHAN NORTH SUMATRA INDONESIA
Forest Biodiversity and Ecosystem Services	General Poster Session	Haruni	Krisnawati	Indonesia	Forestry Research and Development Agency (FORDA)	Assessing dryland forest ecosystem services as potential carbon storage in West Rinjani Protection Forest, West Nusa Tenggara, Indonesia
Forest Biodiversity and Ecosystem Services	General Poster Session	Mohammadreza	Negahdarsaber	Iran	research institute of forest and rangland	Variations of vegetation biodiversity in wild pistachio forest among different altitudinal levels- Case Study
Forest Biodiversity and Ecosystem Services	General Poster Session	Nobuhiro	Akashi	Japan	Hokkaido Research Organization	An evaluation of the effects of sika deer on forest regeneration based on observation of browsed shoots
Forest Biodiversity and Ecosystem Services	General Poster Session	Takashi	Gomi	Japan	Tokyo University of Agriculture and Technology	Long- and short-term hydrogeomorphic processes alters the spatial variability of soil carbon and nutrient accumulations in headwater catchments of Japan
Forest Biodiversity and Ecosystem Services	General Poster Session	Hayato	Iijima	Japan	Yamanashi Forest Research Institute	Debarking of trees by deer are affected by deer density, tree size, species palatability, and maximum snow depth
Forest Biodiversity and Ecosystem Services	General Poster Session	Noor	Jemali	Japan	United Graduate School of Agriculture Sciences, Kagoshima University	Evaluating vegetation complexity at different site condition of subtropical forest of Okinawa Island Japan

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Forest Biodiversity and Ecosystem Services	General Poster Session	masaaki	naramoto	Japan	shizuoka university	The effects of CO2 transfer via sap flow and bark conductance on stem respiration
Forest Biodiversity and Ecosystem Services	General Poster Session	Atsushi	Yoshimoto	Japan	Professor/Institute of Statistical Mathematics	Using a Mean-Reverting Stochastic Model for Risk Evaluation of Sustaining Forest Management under Market Price Uncertainty
Forest Biodiversity and Ecosystem Services	General Poster Session	Jaehong	Hwang	Korea, Republic of	Korea Forest Research Institute	The characteristics of seedlings occurrence by different regeneration methods in a natural <i>Pinus densiflora</i> stand of South Korea
Forest Biodiversity and Ecosystem Services	General Poster Session	Jaehong	Hwang	Korea, Republic of	Korea Forest Research Institute	Effects of irrigation period on growth performances and photosynthesis of container seedlings of <i>Fraxinus mandshurica</i>
Forest Biodiversity and Ecosystem Services	General Poster Session	Jaehong	Hwang	Korea, Republic of	Korea Forest Research Institute	Variations in early seedling growth of <i>Quercus acutissima</i> in strip cut <i>Larix kaempferi</i> plantation
Forest Biodiversity and Ecosystem Services	General Poster Session	Jaehong	Hwang	Korea, Republic of	Korea Forest Research Institute	The comparison of early growth of <i>Pinus koraiensis</i> seedlings in harvested deciduous and evergreen coniferous plantations
Forest Biodiversity and Ecosystem Services	General Poster Session	Jong Kyu	Lee	Korea, Republic of	Kangwon National University	Fungal Biodiversity of Protected forests and Conservation Areas in Cambodia
Forest Biodiversity and Ecosystem Services	General Poster Session	Jong Kyu	Lee	Korea, Republic of	Kangwon National University	Diversity of Wood Inhabiting Fungi in Baekdudaegan Mountain Forests in Korea
Forest Biodiversity and Ecosystem Services	General Poster Session	Jae-hoon	Park	Korea, Republic of	Department of Biology, Kongju national university in Korea	Net primary production and Soil organic carbon distribution in <i>Quercus mongolica</i> community and <i>Pinus densiflora</i> community in Mt. Nam, Korea
Forest Biodiversity and Ecosystem Services	General Poster Session	Hyeon Cheol	Shin	Korea, Republic of	Southern Forest Resources Research Center, Korea Forest Research Institute	Effects of storage period and temperature control on seed germination of <i>Atractylodes japonica</i>
Forest Biodiversity and Ecosystem Services	General Poster Session	Kuk Man	Song	Korea, Republic of	Korea Forest Research Institute	Distribution and Vegetation Characteristics of Natural Habitat of the Warm Temperate Evergreen Tree(<i>Castanopsis sieboldii</i>) in the Korean Peninsula
Forest Biodiversity and Ecosystem Services	General Poster Session	Anda	Fescenko	Latvia	University of Latvia	Impact of forest continuity on herbaceous plant communities in biological diverse nemoral forest patches of northeastern Europe
Forest Biodiversity and Ecosystem Services	General Poster Session	mohd zaki	abdullah	Malaysia	Forest Research Institute Malaysia (FRIM)	HERITABILITY OF HEIGHT AND DIAMETER FOR SIX YEAR OLD SHOREA LEPROSULA
Forest Biodiversity and Ecosystem Services	General Poster Session	Y. C. Arthur	Chung	Malaysia	Sabah Forestry Department	Insect diversity and conservation of Nurod Urod Forest Reserve in Sabah, Malaysia
Forest Biodiversity and Ecosystem Services	General Poster Session	Md. Aktar	Hossain	Malaysia	Universiti Putra Malaysia	Propagation of <i>Entada rheedii</i> : a threatened climber species in Bangladesh with extremely thick and hard seed coat
Forest Biodiversity and Ecosystem Services	General Poster Session	ROSDI	KOTER	Malaysia	Forest research Institute Malaysia	PHENOLOGY OBSERVATION OF <i>MACARANGA TANARIUS</i> IN FOUR REGIONS IN PENINSULAR MALAYSIA
Forest Biodiversity and Ecosystem Services	General Poster Session	Mohd Nazip	Suratman	Malaysia	Faculty of Applied Sciences, Universiti Teknologi MARA	Spatial Distribution and Demographic Structure of the Critically Endangered Dipterocarpaceae in Fragmented Habitat in Malaysia
Forest Biodiversity and Ecosystem Services	General Poster Session	KOUYATE	Amadou Malé	Mali	Institute of Rural Economy	Evaluation of the watered <i>Detarium microcarpum</i> behavior in plantation
Forest Biodiversity and Ecosystem Services	General Poster Session	Sergio	Nicasio	Mexico	UNAM	The role of landscape connectivity on terrestrial mammal conservation in a fragmented tropical rainforest
Forest Biodiversity and Ecosystem Services	General Poster Session	Sunita	Ranabhat	Nepal	Green Governance Nepal	Impact of forest management on carbon stock: A comparative study in the Sal (<i>Shorea Robusta</i>) Forests of Nepal.
Forest Biodiversity and Ecosystem Services	General Poster Session	Aladesanmi Daniel	Agbelade	Nigeria	Department of Forestry, Wildlife and Fisheries Management, Ekiti State University, P.M.B. 5363, Ado Ekiti, Ekiti State	Assessment of Tree Species Diversity and Growth Analysis of Trees Species in Igbo-Olodumare, Ondo State, Nigeria.
Forest Biodiversity and Ecosystem Services	General Poster Session	Adejoke	Akinyele	Nigeria	University of Ibadan	Effect of pre-treatment and sowing media on germination of <i>Tetrapleura tetrapleura</i> (Schum. & Thonn) seeds
Forest Biodiversity and Ecosystem Services	General Poster Session	Israel Olatunji	Asinwa	Nigeria	Forestry Research Institute of Nigeria	Distribution and Densities of <i>Vitellaria paradoxa</i> C.F.Gaertn. and <i>Parkia biglobosa</i> (Jacq.) Benth in the Agro ecosystems of Oyo State, Nigeria
Forest Biodiversity and Ecosystem Services	General Poster Session	Olufunke	Olayode	Nigeria	Ekiti State University, Ado-Ekiti, Nigeria	SEEDLING EMERGENCE AND GROWTH OF AFRICAN LOCUST BEAN (<i>Parkia biglobosa</i> R. BR. EX (G. DON) UNDER DIFFERENT LIGHT CONDITIONS
Forest Biodiversity and Ecosystem Services	General Poster Session	OLUWOLE JOHN	PELEMO	Nigeria	Forestry Research Institute of Nigeria	Multi-Species Matrix Model for Tree Projection in SNR2, Akure Forest Reserve, Nigeria

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Forest Biodiversity and Ecosystem Services	General Poster Session	Magne	Saetersdal	Norway	Norwegian Forest and Landscape Institute	Distribution of woodland key habitats in Norwegian landscapes.
Forest Biodiversity and Ecosystem Services	General Poster Session	Nelson Manguiat	Pampolina	Philippines	University of the Philippines Los Baños	Species and Ecosystem Diversity at Sacred Mountain National Park for Habitat Conservation in Marawi City, Philippines
Forest Biodiversity and Ecosystem Services	General Poster Session	Crusty	Tinio	Philippines	University of the Philippines Los Banos	Genetic variation in natural and planted populations of <i>Shorea guiso</i> (Dipterocarpaceae) in the Philippines revealed by microsatellite DNA markers
Forest Biodiversity and Ecosystem Services	General Poster Session	Teresa	Fonseca	Portugal	University of Trás-os-Montes e Alto Douro	Natural Regeneration in Mediterranean pines forests: a conceptual approach under climate change
Forest Biodiversity and Ecosystem Services	General Poster Session	Olga	Gavrilova	Russian Federation	Petrozavodsk State University	Methods of reforestation in Republic of Karelia
Forest Biodiversity and Ecosystem Services	General Poster Session	María	Hernández-Rodríguez	Spain	University of Valladolid	Fungal succession after fire in <i>Cistus ladanifer</i> L. ecosystems
Forest Biodiversity and Ecosystem Services	General Poster Session	María	Hernández-Rodríguez	Spain	University of Valladolid	Fungal production after fire in <i>Pinus pinaster</i> stands using classificatory models
Forest Biodiversity and Ecosystem Services	General Poster Session	Nissankage	Karunaratne	Sri Lanka	Forest Department	Floral Biodiversity with special Emphasis on Forest Dieback.in Dotolugala, Knuckles Forest Range , Sri Lanka
Forest Biodiversity and Ecosystem Services	General Poster Session	Eva	Domingo Gomez	Sweden	Swedish University of Agricultural Sciences (SLU)	Effects of tree retention on cavity-nesting birds and other vertebrates at the boreal forest in northern Sweden
Forest Biodiversity and Ecosystem Services	General Poster Session	Marco	Hernandez Velasco	Sweden	Dalarna University	Long night treatment for induction of cold hardiness using artificial lights - effects of photoperiod on seedlings' storability and energy consumption.
Forest Biodiversity and Ecosystem Services	General Poster Session	Therese	Johansson	Sweden	Swedish University of Agricultural Sciences	Epigaic beetle assemblages in boreal forests – relationships to environmental factors and management history
Forest Biodiversity and Ecosystem Services	General Poster Session	Akouèthè	AGBOGAN	Togo	Laboratoire de Botanique et Ecologie Végétale, Université de Lomé	Mechanisms of natural regeneration of <i>Sclerocarya birrea</i> and <i>Lannea microcarpa</i> , two edible fruit trees in savannah woodland in northern Togo
Forest Biodiversity and Ecosystem Services	General Poster Session	Kudzo Atsu	Guelly	Togo	University of Lome	<i>Pentadesma Butyracea</i> Sabine (Clusiaceae): a multipurpose tree on the Atakora range of Togo
Forest Biodiversity and Ecosystem Services	General Poster Session	Adjeya Banilé	KEBENZIKATO	Togo	Laboratoire de Botanique et Ecologie Végétale	Distribution and structure of <i>Adansonia digitata</i> L. (baobab) parklands in Togo (West Africa)
Forest Biodiversity and Ecosystem Services	General Poster Session	Mehmed Said	Özgelik	Turkey	Istanbul University, Faculty of Forestry	Effect of woody and shrub plants with different patch size on selected soil chemical properties in semi-arid lands
Forest Biodiversity and Ecosystem Services	General Poster Session	Julia	Burton	United States	Department of Forest Ecosystems and Society, Oregon State University	Multi-scale spatial controls of understory vegetation in Douglas-fir – western hemlock forests of western Oregon, USA
Forest Biodiversity and Ecosystem Services	General Poster Session	Sara	Goeking	United States	US Forest Service	Natural Regeneration of Whitebark Pine: Factors Affecting Seedling Density
Forest Biodiversity and Ecosystem Services	General Poster Session	Jolie	Goldenetz Dollar	United States	American Samoa Community College	Growth rates of trees at a wildlife habitat improvement project on Tutu'ila, American Samoa
Forest Biodiversity and Ecosystem Services	General Poster Session	Andrew	Gray	United States	USDA Forest Service, PNW Research Station	Stand canopy cover prediction from individual tree measurements: stocking, crown width, and overlap functions
Forest Biodiversity and Ecosystem Services	General Poster Session	John	Mull	United States	Weber State University	Effects of understory changes on ant community composition
Forest Biodiversity and Ecosystem Services	General Poster Session	Kristen	Pelz	United States	Colorado State University	Effects of canopy cover and browsing damage on aspen regeneration following MPB-caused lodgepole pine mortality across north-central Colorado, USA
Forest Biodiversity and Ecosystem Services	General Poster Session	Steven	Petersen	United States	Brigham Young University	Post-Fire Forest Succession in Relation to Fire Severity
Forest Biodiversity and Ecosystem Services	General Poster Session	Aaron	Rhodes	United States	Brigham Young University	Characterizing Aspen Regeneration by Presence of Ungulates, Topography, and Tree Species Composition
Forest Biodiversity and Ecosystem Services	General Poster Session	Bruce	Roundy	United States	Brigham Young University	Masticating pygmy conifers: Implications for system resilience
Forest Biodiversity and Ecosystem Services	General Poster Session	Hathai	Sangsupan	United States	Oregon State University	Environmental Limitations to Natural Regeneration in a Restored Seasonally Dry Tropical Forest

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Forest Biodiversity and Ecosystem Services	General Poster Session	Carolina	Jorge	Uruguay	Programa de Desarrollo Universitario Forestal. Centro Universitario de Tacuarembó. Universidad de la Republica	Spiders as indicators to evaluate the changes of a Pinus taeda plantation in a grassland biodiversity in Uruguay
Forest Biodiversity and Ecosystem Services	General Poster Session	Luisa	Delgado	Venezuela	INIA	Alternatives for tapiro seeds conservation (<i>Solanum sessiliflorum</i>), an promising species in agroforestry systems the state Amazon.
Forest Biodiversity and Ecosystem Services	General Poster Session	Pedro	Villa	Venezuela	INIA	Variation in floristic composition during secondary succession of forest in Cataniapo River Basin, Amazonas state, Venezuela
Forest Biodiversity and Ecosystem Services	General Poster Session	Pedro	Villa	Venezuela	INIA	Dynamics of physicochemical parameters during secondary succession of forest in the Cataniapo river basin, Amazonas state, Venezuela
Forest Biodiversity and Ecosystem Services	General Poster Session	Stephen	Syampungani	Zambia	Copperbelt University	Anthropogenic disturbance as a tool for plant diversity management in Miombo ecoregion
Forests and Climate Change	107 Forest management for adaptation to climate change	Craig	Nitschke	Australia	University of Melbourne	Climate change impacts in the temperate forests of Southeast Australia: can forest management reduce vulnerabilities?
Forests and Climate Change	107 Forest management for adaptation to climate change	Mariana	Pedro	Austria	BOKU	Testing the insurance hypothesis: Can tree species diversity buffer ecosystem services against disturbance impacts?
Forests and Climate Change	107 Forest management for adaptation to climate change	Johnson	Nkem	Cambodia	UNDP	Promoting adaptation in a REDD+ dominated tropical forestry systems
Forests and Climate Change	107 Forest management for adaptation to climate change	Mark	Johnston	Canada	Saskatchewan Research Council	Climate Change Impacts and Adaptation in the Canadian Forest Sector
Forests and Climate Change	107 Forest management for adaptation to climate change	Qinglin	Li	Canada	Forest Analysis and Inventory Branch, Ministry of forests, Lands, and Natural Resources Operations	A multiple values trade-offs framework for climate change adaptation
Forests and Climate Change	107 Forest management for adaptation to climate change	Tongli	Wang	Canada	University of British Columbia	ClimateAP and its use in projecting the climate niche and productivity of forest trees in future climates in Asia Pacific
Forests and Climate Change	107 Forest management for adaptation to climate change	Juanwen	Yuan	China	Guizhou University of Finance and Economics	Impact of and responses to climate change from the perspective of traditional forest knowledg in Guizhou province of China
Forests and Climate Change	107 Forest management for adaptation to climate change	Jean-Michel	Carnus	France	INRA	Adaptation of planted forests to climate change: from global to local approaches
Forests and Climate Change	107 Forest management for adaptation to climate change	Geerten	Hengeveld	Netherlands	Alterra	How fast can European forests adapt to climate change ?
Forests and Climate Change	107 Forest management for adaptation to climate change	Carina	Keskitalo	Sweden	Umeå universitet	The role of forestry in national climate change adaptation policy: cases from Sweden, Germany, France and Italy
Forests and Climate Change	107 Forest management for adaptation to climate change	Lucy	Rist	Sweden	SLU	Applying resilience thinking to production forest ecosystems
Forests and Climate Change	107 Forest management for adaptation to climate change	Gregor	Vulturius	Sweden	Stockholm Environment Institute	Effectiveness of climate change communication in promoting engagement with climate science and adaptation among forestry stakeholders
Forests and Climate Change	107 Forest management for adaptation to climate change	Regan	Suzuki	Thailand	RECOFTC - The Center for People and Forests	Community Forestry as an Approach to Climate Change Adaptation
Forests and Climate Change	107 Forest management for adaptation to climate change	David	Cleaves	United States	USDA Forest Service	Climate Adaptation and Forest Management: the US Forest Service Perspective
Forests and Climate Change	107 Forest management for adaptation to climate change	Kerry	Kemp	United States	University of Idaho	Overcoming adaptation barriers surrounding climate change in U.S. federal land management agencies: The importance of research-management communication and scale.
Forests and Climate Change	107 Forest management for adaptation to climate change	John	Kim	United States	United States Forest Service	Integrating Multi-discipline Models to Estimate Impacts of Climate Change and Mitigation Policies on the Global Forestry Economics Sector
Forests and Climate Change	107 Forest management for adaptation to climate change	Geoff	Stoneman	Australia	Department of Parks and Wildlife	Response in forest policy as a result of reduced risk of stream salinity associated with timber harvesting in a changing climate
Forests and Climate Change	107 Forest management for adaptation to climate change	Kunzang	Choden	Bhutan	Council for Renewable Natural Resources Research of Bhutan, Ministry of Agriculture and Forests, Thimphu, Bhutan	Local Perception on climate change and its impacts on forest and biodiversity in Bhutan

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Forests and Climate Change	107 Forest management for adaptation to climate change	Kalame	Fobissie	Cameroon	WWF - Central Africa Regional Programme Office	Adapting forest management to climate change: Local perspectives from Burkina Faso
Forests and Climate Change	107 Forest management for adaptation to climate change	Ian	MacLachlan	Canada	University of British Columbia	Genome-wide effects of selective breeding on adaptation of reforestation seedlots for future climates
Forests and Climate Change	107 Forest management for adaptation to climate change	Catherine	Ste-Marie	Canada	Natural Resources Canada	Forest Change – Informing Adaptation of Canada’s Forest Sector to Climate Change
Forests and Climate Change	107 Forest management for adaptation to climate change	Samuel	Francke	Chile	CONAF	Approach to adaptive and integrated management of forest ecosystems and watersheds, facing uncertain scenarios of climate change.
Forests and Climate Change	107 Forest management for adaptation to climate change	Xiangdong	Lei	China	Chinese Academy of Forestry	Effects of climate, competition and thinning on tree growth of semi-natural larch-spruce-fir forests in northeast China
Forests and Climate Change	107 Forest management for adaptation to climate change	Daniel	McInerney	France	LSCE	How will climate change impact forest productivity in France during the 21st Century?
Forests and Climate Change	107 Forest management for adaptation to climate change	Olivier	Picard	France	CNPF/IDF	Bringing science to practice: the French experience
Forests and Climate Change	107 Forest management for adaptation to climate change	Peter	Spathelf	Germany	Applied Silviculture, Faculty of Forest and Environment, Eberswalde University for Sustainable Development (HNEE)	Adaptive forest management – the key for forest adaptation to climate change?
Forests and Climate Change	107 Forest management for adaptation to climate change	Rasoul	Yousefpour	Germany	Max Planck Institute for Meteorology	The value of adaptation to climate change for European forestry
Forests and Climate Change	107 Forest management for adaptation to climate change	William Kwadwo	Dumenu	Ghana	CSIR-Forestry Research Institute of Ghana	Climate Change and Forest Dependent Communities in Ghana: Impacts, Adaptations and Social Vulnerabilities
Forests and Climate Change	107 Forest management for adaptation to climate change	Surajit	Baruah	India	Freelance Consultant, Environment & Biodiversity, South Sarania, Guwahati-781007, Assam, India	Urban deforestation afflicts resilience of Guwahati city to climate change and other disasters – A case study in the Eastern Himalayan region
Forests and Climate Change	107 Forest management for adaptation to climate change	Jyotish Prakash	Basu	India	West Bengal State University, Barasat, Kolkata	Adaptation to climate change & Non-Timber Forest Products – A Study of Forest Dependent Communities in Drought prone areas of West Bengal, India
Forests and Climate Change	107 Forest management for adaptation to climate change	Chairil A.	Siregar	Indonesia	Forest Research and Development Agency	Linking mitigation and adaptation: Learning from the First Indonesian Forestry A/R CDM – community based Project between Korea and Indonesia
Forests and Climate Change	107 Forest management for adaptation to climate change	Mostafa	Jafari	Iran	Director of Forest Research Division - RIFR and Head of TPS for LFCCs	Forest adaptation to climate change in Iran
Forests and Climate Change	107 Forest management for adaptation to climate change	Marcin	Jarzebski	Japan	The University of Tokyo	Adaptation to climate change through community forestry programs – Case studies in vulnerable uplands of the Philippines
Forests and Climate Change	107 Forest management for adaptation to climate change	Jong Hwan	Lim	Korea, Republic of	Korea Forest Research Institute	Dieback of evergreen coniferous forests due to climate change in Korea and their management options for adaptation
Forests and Climate Change	107 Forest management for adaptation to climate change	Dharam Raj	Uprety	Nepal	Multi Stakeholder Forestry Programme (MSFP),	Building climate resilience communities by integrating community practices into the local planning process in Nepal
Forests and Climate Change	107 Forest management for adaptation to climate change	Dean	Meason	New Zealand	Scion	Interactions between species and hazards from climate change: effects on productivity and financial return in New Zealand and Scotland plantations
Forests and Climate Change	107 Forest management for adaptation to climate change	Dejan	Stojanovic	Serbia	University of Novi Sad, Institute of Lowland Forestry and Environment	Growth decrease of oak floodplain forests as a response to change of water regime and climate
Forests and Climate Change	107 Forest management for adaptation to climate change	Ilaria	Germishuizen	South Africa	ICFR	A bioclimatic model for the optimisation of Eucalyptus nitens seed production in South Africa in a changing climate
Forests and Climate Change	107 Forest management for adaptation to climate change	Maria	Gonzalez-Sanchis	Spain	Universitat Politècnica de València	Adaptive water-oriented forest management using BIOME-BGC in Mediterranean Aleppo pine plantations
Forests and Climate Change	107 Forest management for adaptation to climate change	Karin	André	Sweden	Stockholm Environment Institute	Tool development for analysing forest owners’ strategies to manage risks and adapt to climate change
Forests and Climate Change	107 Forest management for adaptation to climate change	Yongyut	Trisurat	Thailand	Kasetsart University	Protected Areas Adaptation to Future Climate and Land Use Changes in Northern Thailand

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Forests and Climate Change	107 Forest management for adaptation to climate change	Kristine	Grayson	United States	Virginia Commonwealth University	Critical Thermal Limits for the Southern Spread of the Gypsy Moth
Forests and Climate Change	107 Forest management for adaptation to climate change	Andres	Susaeta	United States	University of Florida	Sustainability of slash pine forest stands in the southern United States under climate change
Forests and Climate Change	107 Forest management for adaptation to climate change	Mo	Zhou	United States	West Virginia University	Managing Central U.S. Hardwood Forests in a Changing Climate: Potentials and Challenges for Private Land Owners
Forests and Climate Change	107 Forest management for adaptation to climate change	Zohra	Bennadji	Uruguay	INIA Uruguay	Climate change impact in the Uruguayan forest sector: an empirical evidences analysis
Forests and Climate Change	110 Managing forest for fire in a changing climate	Cristina	Aponte	Australia	University of Melbourne, Australia	Long-term effects of repeated prescribed fires on aboveground carbon stocks in a temperate eucalypt forest
Forests and Climate Change	110 Managing forest for fire in a changing climate	Matthew	Chick	Australia	University of Melbourne	The season, severity, and frequency of prescribed fire shaping the community dynamics of heathland shrub species
Forests and Climate Change	110 Managing forest for fire in a changing climate	Thomas	Fairman	Australia	The University of Melbourne	Does logging and recurrent fires make temperate forests more fire-prone? Perspectives from long-term studies in East Victoria, Australia
Forests and Climate Change	110 Managing forest for fire in a changing climate	Yannis	Raftoyannis	Greece	Department of Forestry, Central Greece University of Applied Sciences	Greek fir forests, fire and climate change
Forests and Climate Change	110 Managing forest for fire in a changing climate	Sergiy	Zibtsev	Ukraine	Associate professor, National University of Life and Environmental Sciences of Ukraine	Innovative Techniques to Suppress Wildfires in the Black Sea Region
Forests and Climate Change	110 Managing forest for fire in a changing climate	Paula	Fornwalt	United States	USFS Rocky Mountain Research Station	Mulching treatments alter understory vegetation in forested ecosystems of the western U.S.
Forests and Climate Change	110 Managing forest for fire in a changing climate	Benedikt	Fest	Australia	The University of Melbourne	Planned burning vs. wildfire impact on soil methane flux – implications for forest fire management
Forests and Climate Change	110 Managing forest for fire in a changing climate	Rafaela	Assunção	Brazil	Universidade Federal do Paraná	Caloric values of species utilized in the composition of fuel breaks of Brazil
Forests and Climate Change	110 Managing forest for fire in a changing climate	Fengjun	Zhao	China	Research Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	Investigation of emissions from heated essential-oil-rich fuels
Forests and Climate Change	110 Managing forest for fire in a changing climate	Fengjun	Zhao	China	Research Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	Influencing factors on early vegetation restoration in burned area of Pinus pumila – larch forest
Forests and Climate Change	110 Managing forest for fire in a changing climate	Meti	Ekayani	Indonesia	Department of Resource Economics & Environment, Bogor Agricultural University	Assymetric communication between media and stakeholders and its influences to the ineffectiveness of forest fire risk management in Indonesia
Forests and Climate Change	110 Managing forest for fire in a changing climate	Imas	Sitanggang	Indonesia	Bogor Agricultural University	SPATIAL DATA MINING APPLICATION IN FOREST FIRE ASSESSMENT IN TROPICAL PEAT AREAS
Forests and Climate Change	110 Managing forest for fire in a changing climate	Mario	Elia	Italy	Dip. Scienze Agro-Ambientali e Territoriali, Università degli Studi di Bari	Quantifying management priorities in urban interfaces threatened by wildfires
Forests and Climate Change	110 Managing forest for fire in a changing climate	Harifidy	RAKOTO RATSIMBA	Madagascar	Département des Eaux et Forêts, Ecole Supérieure des Sciences Agronomiques, Université d'Antananarivo	Spatial analysis of forest fire and burnt area in the Northwest of Madagascar: role in forest management and biodiversity conservation
Forests and Climate Change	110 Managing forest for fire in a changing climate	Domingo M	MOLINA TERRÉN	Spain	University of Lleida - Spain	Trends in wildland fires and temperature in NE Spain
Forests and Climate Change	110 Managing forest for fire in a changing climate	Michael	Battaglia	United States	USFS Rocky Mountain Research Station	Mastication effects on fuels, plants, and soils in four western U.S. ecosystems: trends with time-since-treatment
Forests and Climate Change	110 Managing forest for fire in a changing climate	William	Elliot	United States	USDA Forest Service	Targeting Forest Management through Fire and Erosion Modeling
Forests and Climate Change	110 Managing forest for fire in a changing climate	Armando	González-Cabán	United States	USDA Forest Service, PSW Research Station	Potential impacts of climate change on fire socioeconomic vulnerability in the Mediterranean area
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Mathias	Schardt	Austria	Joanneum Research	Methods for EU-wide Mapping of Growing Stock and Above-Ground Biomass Based on Satellite Remote Sensing and Field Measurements

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Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Baozhang	Chen	Canada	University of British Columbia	Satellite-observed changes in terrestrial photosynthetic activity trends across the Asia-Pacific region associated with land cover and climate from 1982 to 2011
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Yong	Pang	China	Chinese Academy of Forestry	Forest Carbon Mapping using Multiple Source Remote Sensing Data in the Greater Mekong Subregion
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Bingfang	Wu	China	Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences	Forest Above Ground Biomass Estimation in China
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Henry	Neufeldt	Kenya	World Agroforestry Centre (ICRAF)	Assessing carbon stocks and socioeconomic indicators of complex landscapes
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Yadav Prasad	Kandel	Nepal	WWF Nepal	Estimating and monitoring of carbon stock evaluation for the mountainous forests of Nepal using LiDAR remote sensing
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Yousif	Hussin	Netherlands	University of Twente	Carbon mapping of regrowth in tropical rain forest using airborne Lidar data in Berau, East Kalimantan, Indonesia
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Svein	Solberg	Norway	Norwegian Forest and Landscape Institute, P.O. Box 115, N-1431 Ås, Norway	Forest carbon monitoring with satellite 3D SAR
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	GUILLERMO JOSE	MARTINEZ PASTUR	Argentina	CONICET	Decrease of terrestrial net primary production (NPP) in Southern Patagonia (Argentina) during the period 2000-2012
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Parvez	Rana	Bangladesh	UEF	A new concept for the biomass estimation of conifer dominated boreal forest using remote sensing data
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Yuan	Zeng	China	Institute of Remoten Sensing and Digital Earth, Chinese Academy of Sciences	Forest crown closure retrieval using an inverted geometric-optical model
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Tzu-Fang	Lin	China - Taipei	National Pingtung University of Science and Technology	Using MODIS Data to Estimate the Leaf Area Index of Different Forest Types in Taiwan
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Mauricio	Vega-Araya	Costa Rica	National University of Costa Rica	Forest ecosystems classification analysis with hyper-spectral data in Costa Rica
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Petr	Lukes	Finland	University of Helsinki	The effect of changing forests on seasonal patterns of the albedo in boreal forests
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Harish Chandra	Mishra	India	ANDHRA PRADESH FOREST DEPARTMENT, INDIA	ASSESSMENT OF TREE OUTSIDE FORESTS IN ANDHRA PRADESH, INDIA USING CARTOSAT-1 DATA
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Nazlin	Asari	Malaysia	Faculty of Applied Sciences, Universiti Teknologi MARA	Predictive Models for Estimating the Above Ground Biomass of Oil Palm Plantations using Landsat Thematic Mapper
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Manuel de Jesús	González-Guillén	Mexico	Colegio de Postgraduados	Identifying priority areas for carbon reservoirs in the Sierra Norte de Puebla, Mexico
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Pablito Marcelo	Lopez-Serrano	Mexico	UJED	GEOSPATIAL BIOMASS ESTIMATION IN THE SIERRA MADRE OCCIDENTAL IN DURANGO (MEXICO)
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Eduardo	Treviño	Mexico	Facultad de Ciencias Forestales, UANL	Evaluation of the Revegetation Process in forest fire Areas for the Monitoring and Modeling of aerial Biomass
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Yousif	Hussin	Netherlands	University of Twente	Comparison of point clouds from 3D airborne image matching and airborne Lidar in mapping carbon or tropical rain forest in Indonesia
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Tolulope	Olatoye	Nigeria	Forestry Research Institute of Nigeria	Geographical Information Systems Analysis of Landcover Change and Fuelwood Production in Gambari Forest Reserve, Nigeria.
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	FOUSSENI	FOLEGA	Togo	The Key Laboratory for Silviculture and Conservation of Ministry of Education, Beijing Forestry University, Beijing100083, People's Republic of China.	Western Africa tropical sudanian riparian forest contribution in ecosystem carbon balance performance in Togo
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Luca	Marini	United States	University of Idaho	Industrial forest mapping with satellite data
Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Brent	Mitchell	United States	USDA Forest Service RSAC	Considerations for using a plot based approach to model forest biomass and canopy structure at the landscape level using lidar technology

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Forests and Climate Change	117 Remote sensing in carbon balance evaluation and monitoring	Samuel	Rivera	United States	Research Associate - Utah State University	A Proposed Methodology for Analysis of Deforestation in REDD Projects: Experiences from Central America
Forests and Climate Change	138 Forests, fire and climate change dynamics	Benedikt	Fest	Australia	The University of Melbourne	Climate change and fire influence the methane uptake capacity in Australian eucalypt forest soils
Forests and Climate Change	138 Forests, fire and climate change dynamics	Nikolay	Khabarov	Austria	International Institute for Applied Systems Analysis (IIASA), Ecosystems Services and Management Program (ESM)	Forest Fires and Adaptation Options in Europe
Forests and Climate Change	138 Forests, fire and climate change dynamics	Mike	Flannigan	Canada	University of Alberta	Climate Change and Wildland Fires in the 21st Century
Forests and Climate Change	138 Forests, fire and climate change dynamics	Sylvie	Gauthier	Canada	Natural Resources Canada	Canadian boreal forest timber vulnerability to current and future fire risk
Forests and Climate Change	138 Forests, fire and climate change dynamics	Jian	Yang	China	Chinese Academy of Sciences	Response of wildfire to climate change and its implications in vegetation dynamics in Northeast Chinese boreal larch forests
Forests and Climate Change	138 Forests, fire and climate change dynamics	Hety	Herawati	Indonesia	Center for International Forestry Research	Climate change and tropical forest fires: Impacts and adaptation
Forests and Climate Change	138 Forests, fire and climate change dynamics	Susan	Conard	United States	US Forest Service, Fire Research Laboratory	Challenges and pitfalls in quantifying the interactions between fire and changing climate in the boreal zone
Forests and Climate Change	138 Forests, fire and climate change dynamics	Yongqiang	Liu	United States	USDA Forest Service	Large Fires in the United States under Changing Climate
Forests and Climate Change	138 Forests, fire and climate change dynamics	Matthew	Chick	Australia	University of Melbourne	The season, severity, and frequency of prescribed fire shaping the community dynamics of heathland shrub species
Forests and Climate Change	138 Forests, fire and climate change dynamics	Katinka	Ruthrof	Australia	Centre of Excellence for Climate Change, Woodland and Forest Health, Murdoch University	Drought-induced canopy collapse triggers increased fuel loadings: implications for fire behaviour in a Mediterranean-type eucalyptus forest
Forests and Climate Change	138 Forests, fire and climate change dynamics	Helen	Vickers	Australia	Department of Forest and Ecosystem Science, The University of Melbourne, Australia	Diversity, composition and distribution: how fire influences the shrubby understorey both now and in the future
Forests and Climate Change	138 Forests, fire and climate change dynamics	Antonio	Batista	Brazil	Universidade Federal do Paraná	Variation of FMA fire danger index due climate change in Paraná State, Brazil, in the period 2010 to 2100
Forests and Climate Change	138 Forests, fire and climate change dynamics	Antonio	Batista	Brazil	Universidade Federal do Paraná	Evaluation of the climate influence in the forest fire occurrences in the Lichinga district, northern of Mozambique.
Forests and Climate Change	138 Forests, fire and climate change dynamics	Celso	Darci Seger	Brazil	UFPR	CHARACTERIZATION OF FINE FUELS IN GRASS-WOODY STEPPE IN PARANÁ STATE, BRAZIL
Forests and Climate Change	138 Forests, fire and climate change dynamics	Gisele	Milaré	Brazil	Universidade Federal do Mato Grosso do Sul (UFMS)/Instituto Nacional de Colonização e Reforma Agrária (Incra)	Survey of burned area in Brazilian Savannas localized in Palmas, Tocantins, Brazil
Forests and Climate Change	138 Forests, fire and climate change dynamics	Ernandes	Saraiva	Brazil	UFPR/Capes	WEATHER RADAR: AN EFFICIENT TOOL FOR FOREST FIRE DETECTION
Forests and Climate Change	138 Forests, fire and climate change dynamics	Narayan	Dhital	Canada	Laval University	Adaptability of an ecosystem-based management to climate induced increase in fire frequency and growth anomalies in an eastern Canadian boreal forest
Forests and Climate Change	138 Forests, fire and climate change dynamics	Georgina	Rodriguez	Canada	LAVAL University	USING FINANCIAL INDICATORS TO MANAGE RISK IN TIMBER SUPPLY MODELLING
Forests and Climate Change	138 Forests, fire and climate change dynamics	Shiming	Li	China	Institute of Forest Resources Information Techniques, CAF	Mapping of Forest Disturbance in Northeast China Using Time-series Remote Sensing Data
Forests and Climate Change	138 Forests, fire and climate change dynamics	Xiaorui	Tian	China	Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	Forest fire danger changes for China mainland in past 30 years
Forests and Climate Change	138 Forests, fire and climate change dynamics	Valery	Gond	France	CIRAD	Vegetation greenness and nebulosity in Central Africa
Forests and Climate Change	138 Forests, fire and climate change dynamics	Him Lal	Shrestha	Nepal	Kathmandu University and ICIMOD	MODIS based forest fire burnt area assessment in Hind-Kush-Himalayan (HKH) region
Forests and Climate Change	138 Forests, fire and climate change dynamics	Jorund	Rolstad	Norway	Norwegian Forest and Landscape Institute	Historic forest fires as influenced by climate, vegetation, and man in boreal Scandinavia

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Forests and Climate Change	138 Forests, fire and climate change dynamics	Khulermaa	Kuular	Russian Federation	FSBIS Tuvinian Institute for Exploration Natural Resources SB RAS	MOUNTAIN FOREST OF TUVA ESTIMATION USING LANDSAT IMAGES
Forests and Climate Change	138 Forests, fire and climate change dynamics	Evgenii	Ponomarev	Russian Federation	V.N. Sukachev Institute of Forest	Satellite Remote Sensing of Wildfires in Siberia for Quantifying Local to Global Effects of Wildfires
Forests and Climate Change	138 Forests, fire and climate change dynamics	Kobsak	Wanthongchai	Thailand	Department of Silviculture, Faculty of Forestry, Kasetsart University	The Reconstruction of the Fire Behaviors and Its Effects in the Melaleuca Peat Forest Wildfire, Nakorn Sri Thamarat, Thailand
Forests and Climate Change	138 Forests, fire and climate change dynamics	Lee	MacDonald	United States	Colorado State University	The Chain of Climate Change, Forest Fires, Runoff and Erosion: Key Processes, Mitigation Prospects, and Information Needs
Forests and Climate Change	138 Forests, fire and climate change dynamics	Andrea	Melchiorre	United States	University of Idaho	Landsat-MODIS data fusion for automatic mapping of fire disturbances in forest environment
Forests and Climate Change	138 Forests, fire and climate change dynamics	Aaron	Rhodes	United States	Brigham Young University	Characterization of Fire Regimes in Utah's Subalpine Forests Using Remotely Sensed Data.
Forests and Climate Change	138 Forests, fire and climate change dynamics	Rupesh	Shrestha	United States	Boise State University	Potential vegetation dynamics under climate change in a semi-arid ecosystem in the Western United States
Forests and Climate Change	138 Forests, fire and climate change dynamics	Sam	St. Clair	United States	Brigham Young University	Burn severity controls post-fire resistance and resilience of forests against ungulate herbivory
Forests and Climate Change	138 Forests, fire and climate change dynamics	Tom	Stokes	United States	Auburn University	Relationships between ground cover biomass and prescribed fire in longleaf pine forests in the southeastern U.S.
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	George	Matusick	Australia	Centre of Excellence for Climate Change, Woodland and Forest Health, Murdoch University	Multi-year response to historic drought-induced canopy dieback in a Mediterranean-type forest in southwestern Australia
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Stephen	Mitchell	Canada	University of British Columbia	Strategies for improving hybrid-mechanistic windthrow models
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Ya-Li	Huang	China - Taipei	Graduate Institute of Bioresources, National Pingtung University of Science and Technology, Taiwan.	Spatial Analyze of Trends in Extreme Precipitation and Prediction the Landslide Susceptibility of National Forestland in Kaoping Basin, Taiwan.
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Alexia	Stokes	France	INRA	Natural hazards in forests - does time heal all wounds?
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Andreas	Bolte	Germany	Thünen Institute of Forest Ecosystems	Understory dynamics after disturbance accelerate succession from spruce to beech dominated forest
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Giorgio	Vacchiano	Italy	Università degli Studi di Torino	Impact of changing climate and disturbances on forests providing protection from gravitational hazards
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Jason	Grabosky	United States	Rutgers University	Rootplate geometry from New Jersey trees over-turned in Superstorm Sandy
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Frank	Telewski	United States	Department of Plant Biology	Thigmomorphogenesis: Increasing tree resistance to wind storms
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Peter	Weisberg	United States	University of Nevada, Reno	Influences of stocking level on forest mortality during wet and dry periods in water-limited forests
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	NELSON	ROSOT	Brazil	FEDERAL UNIVERSITY OF PARANÁ	IMPACTS OF NATURAL FOREST LANDSLIDES IN A RURAL COMMUNITY OF MORRETES, PR-BRAZIL
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Alvaro	Promis	Chile	Department of Silviculture and Nature Conservation, University of Chile	Canopy gaps and above- and belowground biomass in seedlings of evergreen and deciduous Nothofagus species in Tierra del Fuego, Chile
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Chonglu	Zhong	China	Professor, Research Institute of Tropical Forestry, Chinese Academy of Forestry	Casuarina Shelter Forest Adaptation to Typhoon Damage along Southern China Sea
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Paúl	Eguiguren Velepucha	Costa Rica	Tropical Agricultural Research and Higher Education Center (CATIE)	Growth response of managed tropical rain forests to climate variability and change
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Pauline	Défossez	France	INRA	Tree resistance to wind: the effects of soil conditions on tree anchorage

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Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Thierry	Fourcaud	France	CIRAD	Utilizing Space Age Digital Strain Measurement Technology to Identify Zones of Mechanical Weakness in Trees
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	NESPOULOUS	Jerome	France	INRA	The influence of plant root systems on subsurface flow: implications for slope stability
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	John	Kim	France	INRA UMR AMAP	Spatio-temporal heterogeneity of water and root distribution and their impact on the slope stability in a mixed mountains forest
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Zhun	Mao	France	IRSTEA	How does the asymmetry of root system architecture modify soil strength and slope stability?
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Ming	Yang	France	INRA	Modelling root successive breakage during tree uprooting with finite element method
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Tetsuya	Kubota	Japan	Kyushu university	The Influence of increasing rain due to climate change on forest slope stability in western Japan
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Masayoshi	Takahashi	Japan	Forestry and Forest Products Research Institute	Rehabilitation process of natural mixed forest after wind disturbance by typhoon in Hokkaido, Japan in northern, Hokkaido
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Hyeon Cheol	Shin	Korea, Republic of	Southern Forest Resources Research Center, Korea Forest Research Institute	Morphological and physiological characteristics of Stauntonia hexaphylla and Rhiphiolepis indica under soil water stress
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Janis	Donis	Latvia	Latvian State Forest research institute "Silava"	Management options for ice storm damaged young birch stands: case study in Latvia
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Nuno	Almeida Ribeiro	Portugal	University of Evora	Simulating forest dynamics and vulnerability of cork oak woodland production systems: A new index for vulnerability assessment and control.
Forests and Climate Change	143 Forest resistance and resilience in the face of natural hazards	Ionel	Popa	Romania	forest research and management institute	Drought effects on forest health and growth in the western part of the Eurasian steppe region
Forests and Climate Change	163 Desertification, land degradation and drought	Oumarou	OUEDRAOGO	Burkina Faso	University of Ouagadougou, Laboratory of Biology and Plant Ecology	Effect of land use gradient on sudanian woody vegetation layers in West Africa
Forests and Climate Change	163 Desertification, land degradation and drought	Qiaoling	YAN	China	State Key Laboratory of Forest and Soil Ecology, Institute of Applied Ecology, Chinese Academy of Sciences	Causal effects of shelter forests and water factors on desertification processes during 2000-2010 in the Horqin Sandy Land region, China
Forests and Climate Change	163 Desertification, land degradation and drought	Seyed Mohammad	Hosseini	Czech Republic	1Czech University of Life Sciences Prague	New afforestation techniques of forest development for semiarid regions
Forests and Climate Change	163 Desertification, land degradation and drought	Asia	Khamzina	Germany	University of Bonn	Rehabilitation of degraded agroecosystem services through forestry in irrigated croplands of Central Asia
Forests and Climate Change	163 Desertification, land degradation and drought	Vindhya Prasad	Tewari	India		Strategies to improve Degraded Arid Rangelands in Rajasthan, India
Forests and Climate Change	163 Desertification, land degradation and drought	Itshack	Moshe	Israel	JNF - KKL	Rehabilitation of degraded ecosystems in the semi-arid zone of Israel
Forests and Climate Change	163 Desertification, land degradation and drought	Sahibzada Irfanullah	Khan	Pakistan	Sustainable Land Management Programme	COMMUNITY BASED WATER MANAGEMENT FOR RAISING PLANTATIONS IN ARID AND SEMI-ARID MARGINAL ECOLOGICAL ZONES OF SOUTHERN PAKISTAN
Forests and Climate Change	163 Desertification, land degradation and drought	Claudia	Listopad	Portugal	Faculdade de Ciencias, Universidade de Lisboa	LiDAR-derived structural diversity indices as ecological indicators for managing semi-arid ecosystems at risk of desertification
Forests and Climate Change	163 Desertification, land degradation and drought	Richard	Gill	United States	Brigham Young University	Impacts of Altered Precipitation Frequency and Amount on Ecosystem Processes in the Subalpine
Forests and Climate Change	163 Desertification, land degradation and drought	DJENI	LEKOUN	Burkina Faso	DIOBASS BURKINA FASO	La technique de zaï arboré pour une restauration rapide du sol et des espèces végétales
Forests and Climate Change	163 Desertification, land degradation and drought	Oumarou	OUEDRAOGO	Burkina Faso	University of Ouagadougou, Laboratory of Biology and Plant Ecology	Effect of land use gradient on sudanian woody vegetation layers in West Africa
Forests and Climate Change	163 Desertification, land degradation and drought	Salifou	TRAORE	Burkina Faso	University of Ouagadougou, Department of Life and Earth Sciences, Laboratory of Biology and Plant Ecology	Soil carbon sequestration in Sahel Africa : projected C pool loss and gain magnitudes through forest degradation and afforestation

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Forests and Climate Change	163 Desertification, land degradation and drought	Leilei	Cheng	China	Institute of Desertification Studies, Chinese Academy of Forestry	The cost of desertification in China: A literature review
Forests and Climate Change	163 Desertification, land degradation and drought	Yiming	Feng	China	Chinese Academy of Forestry	Improving the CASA model and applying it to estimate the Net Primary Productivity of arid region ecology system
Forests and Climate Change	163 Desertification, land degradation and drought	Nan	Shan	China	Institute of desertification, CAF	The Research on Normalized Difference Vegetation Index(NDVI) Response to the Climate Changes in Beijing-Tianjin Sand Source Region
Forests and Climate Change	163 Desertification, land degradation and drought	Zhongjie	Shi	China	Chinese Academy of Forestry	NDVI-based vegetation growth trend and its response to climate change in Inner Mongolia, China
Forests and Climate Change	163 Desertification, land degradation and drought	wang	xuequan	China	Institute of Desertification Studies, Chinese Academy of Forestry	Technology model of alpine sand lands controlling on the China Tibetan Plateau
Forests and Climate Change	163 Desertification, land degradation and drought	Wenbin	Yang	China	Chinese academy of forestry	Dynamic variation of the rainfall infiltration in the deep soil of the drifting sand in main deserts (lands) of China
Forests and Climate Change	163 Desertification, land degradation and drought	Fatemeh	Azhdari	Iran	MS student, Department of Forestry, Faculty of Natural Resources, University of Tehran, Karaj, Iran	Introduction of Adaptable Tree Species to Arid Climate in Iran (Case Study: Fars Province, darab)
Forests and Climate Change	163 Desertification, land degradation and drought	Wonwoo	Cho	Korea, Republic of	CCDASA, Dongguk University	Selection of Poplar clones to Combat Desertification in Inner Mongolia, China
Forests and Climate Change	163 Desertification, land degradation and drought	Sol-E	Choi	Korea, Republic of	Korea University	The Change analysis of Myanmar dryland Land cover and Vegetation Temperature Condition Index
Forests and Climate Change	163 Desertification, land degradation and drought	Hyun-Kil	Jo	Korea, Republic of	Kangwon National University	Implementation of sustainable agroforestry in Mongolia
Forests and Climate Change	163 Desertification, land degradation and drought	Yegi	Jung	Korea, Republic of	Korea Univ.	Effects of soil amendments on survival rate and growth of Populus sibirica and Ulmus pumila seedling in a semi-arid region, Mongolia
Forests and Climate Change	163 Desertification, land degradation and drought	Ho Sang	KANG	Korea, Republic of	Seoul National University	Development of capacity building program in Thailand and Myanmar for combating desertification, land degradation and drought
Forests and Climate Change	163 Desertification, land degradation and drought	Hoduck	Kang	Korea, Republic of	CCDASA, Dongguk University	Collaborative research to combat desertification in arid and semi-arid areas
Forests and Climate Change	163 Desertification, land degradation and drought	Sinkyu	Kang	Korea, Republic of	Kangwon National University	Grazing and fire effects on Caragana microphylla density in the Mongolian steppes
Forests and Climate Change	163 Desertification, land degradation and drought	Myeong Ja	Kwak	Korea, Republic of	University of Seoul	The assessment of Populus spp. and Ulmus pumila for combating desertification in Mongolia
Forests and Climate Change	163 Desertification, land degradation and drought	Myeong Ja	Kwak	Korea, Republic of	University of Seoul	The species diversity of the steppes and the Sahara desert: central and southern Tunisia
Forests and Climate Change	163 Desertification, land degradation and drought	SONGHEE	LEE	Korea, Republic of	DONGGUK UNIVERSITY	Effects of plug cell trays, soil components and shading rates for seed germination and growth of Hippophae rhamnoides
Forests and Climate Change	163 Desertification, land degradation and drought	Enkhjargal	Damdinsuren	Mongolia	Ministry of environment and green development of Mongolia	Effect of jellyfish fertilizer on seedling growth
Forests and Climate Change	163 Desertification, land degradation and drought	Munkhnasan	Lamchin	Mongolia	Korea university	Estimation and Mapping of Desertification Using LANDSAT Imagery and Correlation of Some Variables on a Regional Scale
Forests and Climate Change	163 Desertification, land degradation and drought	BATKHUU	NYAM-OSOR	Mongolia	Department of Forest Sciences, National University of Mongolia	Growth performance of several woody species in afforestation site in dry steppe of Mongolia under different watering and fertilizer treatments
Forests and Climate Change	163 Desertification, land degradation and drought	Enkhchimeg	Tsedensodnom	Mongolia	Institute of Geocology, Mongolia	Growth characteristic of Ulmus pumila L. seedlings from different seed sources in Mongolia
Forests and Climate Change	163 Desertification, land degradation and drought	Enkhchimeg	Tsedensodnom	Mongolia	Institute of Geocology, Mongolia	Salt tolerance of Ulmus pumila L seedlings from geographically different seed sources
Forests and Climate Change	163 Desertification, land degradation and drought	Inkyin	Khaine	Myanmar (Burma)	Ministry of Environmental Conservation and Forestry, Myanmar. University of Seoul, Korea.	Assessment of current status of forest management on degradation in Myanmar with emphasis on social aspect to local people
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Philip	Burton	Canada	University of Northern British Columbia	Pushing the Envelope: Forest Management Strategies for Adapting to a Changing Climate in Canada
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Richard	Bradshaw	United Kingdom	University of Liverpool	Novel ecosystems resulting from altered fire regimes

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Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Kasten	Dumroese	United States	U.S. Forest Service	Role of assisted migration in forest ecosystems on the cusp of change
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Douglass	Jacobs	United States	Purdue University	Can we predict the ecological implications for restoration of an extirpated forest tree species under global change?
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Constance	Millar	United States	USDA Forest Service	Paleoclimatic Shifts and Novel Ecosystems
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Kevin	O'Hara	United States	University of California - Berkeley	Complex forest stand structures for risk reduction and adaptation
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Thomas	Rooney	United States	Wright State University	The influence of climate change on forest ungulates: the paradox of "restoring" novel ecosystems
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	John	Stanturf	United States	US Forest Service	Novel and neo-native, native and exotic, restoration and intervention, oh my!
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	CHEN	Yigang	China	Renming University of China	Exotic and native tree species in the process of forest restoration conflict and transformation—A case study on Changting
Forests and Climate Change	19 Novel Ecosystems and intervention: Adaptation to climate change	Charles	Goebel	United States	School of Environment & Natural Resources, The Ohio State University	Managing novel conifer plantations for multiple ecosystem services in the U.K. by focusing on novel disturbances
Forests and Climate Change	193 From understanding drivers to gaining leverage at the tropical forest margins: 20 years of ASB Partnership	Martin	YEMEFAK	Cameroon	IITA Cameroon	Assessing sustainability of Swidden systems in the tropical forest margins
Forests and Climate Change	193 From understanding drivers to gaining leverage at the tropical forest margins: 20 years of ASB Partnership	Markku	Kanninen	Finland	Department of Forest Sciences, VITRI, University of Helsinki	Theories of change and change in theory of managing landscapes within the past twenty years
Forests and Climate Change	193 From understanding drivers to gaining leverage at the tropical forest margins: 20 years of ASB Partnership	Sonya	Dewi	Indonesia	ICRAF, World Agroforestry Centre	Identifying policy levers of deforestation and recovery of tree cover from the driver analyses: a case study from Indonesia
Forests and Climate Change	193 From understanding drivers to gaining leverage at the tropical forest margins: 20 years of ASB Partnership	Beria	Leimona	Indonesia	World Agroforestry Center	Farmers' learning of private and common values of conservation contracts as determinant for performance-based of landscape rehabilitation
Forests and Climate Change	193 From understanding drivers to gaining leverage at the tropical forest margins: 20 years of ASB Partnership	Meine	van Noordwijk	Indonesia	World Agroforestry Centre (ICRAF) Southeast Asia Regional Office	Theories of change and change in theory within twenty years of ASB Partnership for the Tropical Forest Margins
Forests and Climate Change	193 From understanding drivers to gaining leverage at the tropical forest margins: 20 years of ASB Partnership	Sara	Namirembe	Kenya	ICRAF	Potential for reducing deforestation through agricultural intensification in landscape mosaics in sub-Saharan Africa
Forests and Climate Change	193 From understanding drivers to gaining leverage at the tropical forest margins: 20 years of ASB Partnership	Lucía	Morales	United Kingdom	School of Environment, Natural Resources and Geography, Bangor University	Assessing the drivers of forest degradation and forest change in tropical dry forest landscapes: a case study in Western Mexico.
Forests and Climate Change	222 Forest management options to tackle climate change	Hubert	Hasenauer	Austria	Institute of Silviculture, BOKU University of Natural Resources and Life Sciences	Assessing forest productivity: Terrestrial forest inventory versus MODIS satellite driven estimates
Forests and Climate Change	222 Forest management options to tackle climate change	Anatoly	Shvidenko	Austria	IIASA	Future of Russian forests: a need of transformative adaptation?
Forests and Climate Change	222 Forest management options to tackle climate change	Bart	Muys	Belgium	KU Leuven	Approaches to evaluate the carbon neutrality of the forest value chain
Forests and Climate Change	222 Forest management options to tackle climate change	Jean-Luc	PEYRON	France	ECOFOR	Synergies and trade-offs between forest adaptation and mitigation
Forests and Climate Change	222 Forest management options to tackle climate change	Michael	Koehl	Germany	University of Hamburg	Enhancing forest carbon mitigation potentials by forest management and timber utilization
Forests and Climate Change	222 Forest management options to tackle climate change	Shiva	Pandey	Nepal	University of Southern Queensland and ANSAB	Additional carbon sequestration and net contribution of local communities in the REDD+ pilot project in community forests in Nepal
Forests and Climate Change	222 Forest management options to tackle climate change	Godefridus M.J. (Frits)	Mohren	Netherlands	Wageningen University	Multiple-use forest management strategies for mitigation and adaptation to climate change: the EU-FORMIT project

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Forests and Climate Change	222 Forest management options to tackle climate change	Steven	Running	United States	Univ. of Montana	The role of forests in the global carbon budget
Forests and Climate Change	222 Forest management options to tackle climate change	Sishir	Gautam	Canada	Tree Canada	Carbon dynamics within a climatically stable forest ecosystem in Gabon
Forests and Climate Change	222 Forest management options to tackle climate change	Tony	Lempriere	Canada	Natural Resources Canada - Canadian Forest Service	The cost of climate change mitigation in Canada's forest
Forests and Climate Change	222 Forest management options to tackle climate change	Carolyn	Smyth	Canada	Natural Resources Canada - Canadian Forest Service	Assessing the climate change mitigation potential of residue-based bioenergy in Canada's forest sector
Forests and Climate Change	222 Forest management options to tackle climate change	Yixiang	Wang	China	Zhejiang A & F University	Initial effects of crop tree release treatment on carbon stocks in a southern China Chinese fir plantation
Forests and Climate Change	222 Forest management options to tackle climate change	Sanna	Härkönen	Finland	University of Helsinki	Simulating effects of forest management to the European forest carbon stocks and carbon balance
Forests and Climate Change	222 Forest management options to tackle climate change	Annikki	Mäkelä	Finland	University of Helsinki	Developing modular methods for predicting forest growth responses to environmental change
Forests and Climate Change	222 Forest management options to tackle climate change	Mesele	Tesemma	Finland	Department of Forest Sciences, University of Helsinki	Carbon stocks in indigenous agroforestry systems in the Rift Valley escarpment of Ethiopia
Forests and Climate Change	222 Forest management options to tackle climate change	Patrick	Opoku	Ghana	Ghana	An Investigations into the interactions between Climate Change Initiatives in Ghana
Forests and Climate Change	222 Forest management options to tackle climate change	Giacomo	Grassi	Italy	JRC european Commission	Application of the CBM model to estimate Europe's current and future forest carbon sequestration
Forests and Climate Change	222 Forest management options to tackle climate change	Nophea	Sasaki	Japan	University of Hyogo	Full Accounting for Carbon Stocks in Managed and Unmanaged Forest Stands
Forests and Climate Change	222 Forest management options to tackle climate change	Rajan	Kotru	Nepal	ICIMOD	Adapting forest ecosystems in Kailash Sacred Landscape of Hindu Kush Himalayas for sustained flow of ecosystem services
Forests and Climate Change	222 Forest management options to tackle climate change	Gert-Jan	Nabuurs	Netherlands	Alterra, Wageningen University and Research	First signs of carbon sink saturation in European forest biomass: options for management
Forests and Climate Change	222 Forest management options to tackle climate change	Ellen	Soldal	Norway	Norwegian University of Life Sciences	Inclusion of carbon cycle and albedo in LCA for bioenergy
Forests and Climate Change	222 Forest management options to tackle climate change	Ellen	Soldal	Norway	Norwegian University of Life Sciences	Combining forest models with LCA for optimization of the forest's GHG mitigation effect
Forests and Climate Change	222 Forest management options to tackle climate change	Karol	Bronisz	Poland	Laboratory of Dendrometry and Forest Productivity, Faculty of Forestry, WULS	Estimating carbon storage in forest ecosystems in Poland basing on data from national forest inventory
Forests and Climate Change	222 Forest management options to tackle climate change	David	Ellison	Sweden	Swedish University of Agricultural Sciences (SLU)	Fully Mobilizing Forest Potential in the Kyoto Process: On Potential Future Convergence Across the REDD+ and LULUCF Frameworks
Forests and Climate Change	222 Forest management options to tackle climate change	Harald	Bugmann	Switzerland	Forest Ecology, ETH Zurich	Why aren't we making progress with predicting future forest dynamics?
Forests and Climate Change	222 Forest management options to tackle climate change	Marco	Mina	Switzerland	Forest Ecology, ETH Zurich	Which management under climate change? An assessment of the provisioning of ecosystem services in mountain forests
Forests and Climate Change	222 Forest management options to tackle climate change	Felix	Kalaba	Zambia	Copperbelt University	Floristic composition, species diversity and carbon storage in charcoal and agriculture fallows and management implications in Miombo woodlands of Zambia
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Phil	Polglase	Australia	CSIRO	Increases in soil carbon and C/N ratio in pine forests 34 years after phosphorus fertilizer addition: measurement and modeling
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Cristiane	Lemos	Brazil	International Paper	Improve the 3-PG model in Eucalyptus fertility modifier using twin-plots
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Arthur	Groot	Canada	Canadian Forest Service	Using a light-capture based tree growth model to optimize uneven-aged silviculture of Picea mariana in Canada
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Nick	Smith	Canada	The University of British Columbia	Growth and survival of seedlings near clusters of retained overstory trees on forest plantations in Pacific temperate rainforests
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Hua	Yang	China	confucius	A Selective Cutting Decision Model for optimizing Spatial Structure of Spruce-Fir Forest
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Valentine	Lafond	France	IRSTEA	Modeling uneven-aged management of heterogeneous forests within individual based and spatially explicit simulation models.

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Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Shinichi	Tatsumi	Japan	The University of Tokyo	Modeling forest dynamics under single-tree selection system in Japanese mixedwood stands: harvesting impacts on understory vegetation and tree recruitment
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Paula	Soares	Portugal	Centro de Estudos Florestais, Instituto Superior de Agronomia, Universidade de Lisboa, Tapada da Ajuda, 1349 017 Lisboa, Portugal	Implementation of thinnings in individual tree and diameter distribution growth models; an application to maritime pine stands in Portugal
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Rodrigo	Hakamada	Brazil	University of São Paulo	Water deficit is a good predictor of maximum stocking in Eucalyptus clonal plantation in Brazil
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Cristiane	Lemos	Brazil	International Paper	Zoning productivity and growth constraints for Eucalyptus forest plantation in Southeast of Brazil
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Mariana	Pires Franco	Brazil	Forest Science Department, Luiz de Queiroz School of Agriculture, University of São Paulo (ESALQ/USP). Pádua Dias avenue, 11, PO Box 9, 13418-900 Piracicaba, Sao Paulo, Brazil. Tel. +55 19 2105 8628	Impact of alternative fertilization with sodium on growth and wood quality of Eucalyptus grandis plantations in Brazil.
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Arun	Bose	Canada	University of Quebec	Trembling aspen (<i>Populus tremuloides</i> Michx.) tree growth responses to partial cutting treatments in the eastern Canadian boreal mixedwood
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Arun	Bose	Canada	University of Quebec	Does partial cutting create greater structural complexity in boreal mixedwood forests of eastern Canada?
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Petros	Georgiadis	Denmark	Copenhagen University	Effects of fertilization treatments on biomass yield of SRC willow in two subsequent rotations
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Anders Tærø	Nielsen	Denmark	Forest & Landscape, IGN, Univ. of Copenhagen	Site quality and climate factors in stand level modeling of biomass growth of hybrid poplar in Southern Scandinavia
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Mario	Dobner Jr.	Germany	Albert-Ludwigs University	Crown thinning effects on growth of <i>Pinus taeda</i> stands in southern Brazil
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Fumiaki	Kitahara	Japan	FFPRI	The relationship between replanted tree growth and frequency of bush clearing in replanted Sugi (<i>Cryptomeria japonica</i>) forests.
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Shinichi	Tatsumi	Japan	The University of Tokyo	Neighborhood analysis of the growth and survival of underplanted Korean pine in Olgan larch plantations in northeastern China
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Peter O.	Adesoye	Nigeria	University of Ibadan, Nigeria	Potentials of Canopy Stratification in Modeling Planted Forests in a Changing World: Application to Pine Plantations in Nigeria.
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Margarida	Tomé	Portugal	Forest Research Centre, School of Agriculture, Technical University of Lisbon	Comparing spatially and non-spatially explicit algorithms to implement thinnings in an individual tree growth model for cork oak stands
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Tomáš	Hlásny	Slovakia	National Forest Centre	Coupled effect of climate change and forest management on spruce forests in the Central Europe: Model testing and implications
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Serdar	Carus	Turkey	University of Suleyman Demirel, Faculty of Forestry, Department of Forest Engineering	ALTERATION OF VOLUME INCREMENT ACCORDING TO BASAL AREA AND SOCIAL STEM CLASSES ON BRUTIAN PINE (<i>Pinus brutia</i> Ten.) PLANTATIONS IN WESTERN TURKEY
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	James	Arney	United States	Forest Biometrics Research Institute	The Forest Projection and Planning System (FPS)
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Nathaniel	Osborne	United States	Oregon State University	Distribution and morphology of knots in Douglas-fir lumber resulting from a range of silvicultural regimes
Forests and Climate Change	226 Implementation of silvicultural treatments and their effects into forest growth models	Victor Hugo	Morales Peña	Venezuela	Universidad de los Andes	STATISTICAL EFFICIENCY OF SPATIAL MODELS FOR THE EVALUATION OF <i>Pachira quinata</i> PROGENY TESTING. IREL EXPERIMENTAL STATION. BARINAS, VENEZUELA.
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Eko	Maiguo	Australia	University of Melbourne, Australia	Assessment of Vulnerability and Impacts of Climate Change on Tropical Forests in Papua New Guinea (PNG)
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Charles	Nock	Canada	Center for Forest Research, UQAM	Testing for evidence of northward tree species range expansion in response to climate change in Québec using forest inventory data

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Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Pavel	Cudlin	Czech Republic	Global Change Research Centre AS CR	Can the shift of vegetation zones be thought of an efficient adaptation mechanism or just a wishful thinking?
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Aleksi	Lehtonen	Finland	Finnish Forest Research Institute (Metla)	Climate change shifts environmental space and limits transferability of treeline models
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Nadezhda	Tchebakova	Russian Federation	Forest Institute of SB RAS	Siberian potential forest types and fire load projected from IPCC climates in the 21st century
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	William	Hargrove	United States	USDA Forest Service	Global Tree Range Shifts Under Forecasts from Two Alternative GCMs Using Two Future Scenarios
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Lara	Kueppers	United States	Lawrence Berkeley National Laboratory/University of California, Merced	Linking seedling ecophysiology and demography to predict subalpine tree establishment with climate change, at and beyond alpine treeline
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Constance	Millar	United States	USDA Forest Service	Contrasting Modes of Response to Historic and Contemporary
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Niels	Brouwers	Australia	Murdoch University, Centre of Excellence for Climate Change, Woodland and Forest Heath	The impact of a changing climate on Net Primary Production of Mediterranean forests in southwest Western Australia
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Helen	Vickers	Australia	Department of Forest and Ecosystem Science, The University of Melbourne, Australia	A matter of scale? Predicting the distribution of shrub species at the local or landscape level using a national dataset
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Jean Didier	Akpona	Benin	Laboratory of Applied Ecology	Ecological adaptation of the shea butter tree (<i>Vitellaria paradoxa</i> C.F. Gaertn.) along climatic gradient in Benin, West Africa
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Marcos Silveira	Wrege	Brazil	Embrapa	Changes in dimensions and zones occupied by native species of the Southern Rain Forest in Brazil due to global climate change
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	SALI	BOUROU	Cameroon	Centre Régional de la Recherche du NORD (Cameroun)	Tamarind density and distribution: evaluation for climate change adaptation
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Daniel	McKenney	Canada	Natural Resources Canada	Changes in Ranges: Shifts and trends in North American plant hardiness zones and climate envelopes
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	David	Roberts	Canada	University of Alberta, Department of Renewable Resources	Glacial refugia and migration requirements for western North American trees in complex landscapes
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Edith	Arellano Nicolás	Costa Rica	CATIE	Functional diversity assessment of lianas along the Caribe-Villa Mills altitudinal gradient, Costa Rica
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Bryan	Finegan	Costa Rica	CATIE	Towards climate-smart forest landscape management in the neo-tropics: climate, soil and spatial effects on vegetation in three altitudinal gradients
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Meine	van Noordwijk	Indonesia	World Agroforestry Centre (ICRAF) Southeast Asia Regional Office	Rainbow water and influence of terrestrial evapotranspiration on downwind rainfall patterns: emerging scientific evidence and complex geopolitics
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Dhananjaya	Lamichhane	Nepal	Ministry of Forest and Soil Conservation, Nepal	Climate Change Impacts on Forests and Biodiversity in Western Himalaya of Nepal
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	SANGITA	PANT	Nepal	Central Department of Environmental Science, Tribhuvan University	Response of <i>Pinus wallichiana</i> to Climate Change: a Case Study from Manaslu Conservation Area (MCA), Western Nepal
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Jogeir N.	Stokland	Norway	The Norwegian Forest and Landscape Institute	The spatial extent of peatland as a response to climatic and topographic factors
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Christian Bianchi	Strømme	Norway	Norwegian University of Life Sciences	Temperature and UV-B radiation affect bud phenology in <i>Populus tremula</i>
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Carmen	Osorio	Peru	independent	Effects of climate change on suitable habitat of trees. Analysis into two ecoregions
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Antonio D	Del Campo	Spain	Universidad Politécnica de Valencia	Integrated approach for Aleppo pine assisted migration toward expected climate change in the Mediterranean basin (Spain)
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	William	Anderegg	United States	Princeton University	Modeling climate-induced tree mortality in the western United States
Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Michael	SanClements	United States	NEON	Challenges and opportunities in detecting phenological signals with digital imagery across diverse ecosystems.

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Forests and Climate Change	232 Vegetation zone shifts in response to climate change	Ben	Soderquist	United States	Department of Forest, Range, and Fire Sciences, University of Idaho	Simulating the dependence of aspen net primary productivity on redistributed snow.
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Geraldine	Bocqueho	Austria	IIASA	REDD-PAC: Building an integrated land-use model for assessing REDD+ policies
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Feudjio Tsague	Mireille Pascaline	Cameroon	World Agroforestry Centre	Politics of agricultural development in Cameroon facing environmental challenges: Options for the REDD+ mechanism
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	MILENA	NINO	Colombia	ONF ANDINA	Taking REDD + into the field: how to reduce emissions from deforestation in forest under private land tenure and diversified production systems
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Vitagesu Tekle	Teegne	Finland	European Forest Institute	Evolution of drivers of deforestation and forest degradation in Central African forests: exploring possible policy options to address forest loss
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Gustavo	Perez-Verdin	Mexico	Instituto Politecnico Nacional	Forest fragmentation in Mexico: An evaluation of the theory of collective action
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Leonida	Bugayong	Philippines	Forestry Development Center, University of the Philippines Los Banos	Potentials of REDD-plus in Conserving and Protecting the Remaining Philippine Forests
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Rebecca	Mant	United Kingdom	UNEP-WCMC	Assessing potential biodiversity impacts of policies that address drivers of deforestation to achieve REDD+ objectives
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Kalifi	Ferretti-Gallon	United States	Center for Global Development	What Have We Learned from Econometric Studies of Drivers of Deforestation?
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Forrest	Fleischman	United States	Department of Ecosystem Science & Management, Texas A&M University, and Texas Agrilife Research	Comparing the effectiveness of national level forest policies across Central America.
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Andre	Rodrigues de Aquino	United States	World Bank	Missing the forest for the trees: How national level governance failings are compromising Madagascar's REDD+ potential
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Andrey	Krasovskii	Austria	Ecosystems Services and Management Program (ESM), International Institute for Applied Systems Analysis (IIASA)	Discount Options as a Financial Instrument Supporting REDD+
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Aline	Mosnier	Austria	IIASA	REDD+ projects in the Democratic Republic of Congo: impacts on future emissions, income and biodiversity
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Michael	Obersteiner	Austria	Ecosystems Services and Management Program (ESM), International Institute for Applied Systems Analysis (IIASA)	Addressing the Drivers of Deforestation: Exploring Synergies between REDD+ and forest policy
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Stephan A.	Pietsch	Austria	University of Natural Resources and Life Sciences	Carbon offsetting by small holder farmers in the Congo basin : economic and policy constraints
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Carmen M.	Schmid	Austria	University of Natural Resources and Life Sciences	AgriCarb: an option for rural development in Gabon
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Joana	Carlos Bezerra	Brazil	The State University of Campinas	The Polarisation of the REDD+ debate: the North-South Divide
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Kangbeni	DIMOBE	Burkina Faso	Laboratory of Botany and plant ecology/ Universities of Ouagadougou (Burkina) and 2Universität Rostock, Institut für Biowissenschaften, Allgemeine und Spezielle Botanik, D-18051 Rostock/ WASCAL	The use of 3S techniques to identify and control the deforestation and forest degradation drivers in the reserve of Bontoli
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Kevin	Enongene	Cameroon	World Wide Fund for Nature (WWF) Central Africa Regional Programme Office (CARPO)	The role of REDD+ in supporting the transition to a Green Economy in the Congo Basin.
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	David	Eteme	Cameroon	RFGI (IUCN- CODESRIA-Université de l'Illinois) et Université de Yaoundé II Soa	Establishment of REDD+ in Cameroon: what are the institutional arrangements?

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Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Kalame	Fobissie	Cameroon	WWF - Central Africa Regional Programme Office	A comparative analysis of international REDD+ policy approaches by the Congo Basin countries
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Maria	Becerra	Colombia	IFSA	Deforestation causes in the Huila department of Colombia (A jurisdictional REDD+ approach)
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Guillaume	ZEENDER	Colombia	ONF Andina	Building consensus on REDD activities at a jurisdictional scale: case study in Huila, Colombia
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Sophia	Carodenuito	Germany	UNIQUE forestry and land use	Analyzing direct and underlying drivers of deforestation and forest degradation for REDD+ in Cameroon: Methodology development and pilot test
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Johanna	Wehkamp	Germany	Mercator Research Institute on Global Commons and Climate Change	Lost in proposals: An institutional analysis of REDD+ in the African context
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Jyotish Prakash	Basu	India	West Bengal State University, Barasat, Kolkata	REDD plus and Livelihood Security of Forest dependent people An Empirical Study in the Drought Prone Regions of West Bengal, India
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Fitri	Nurfatriani	Indonesia	Forest Research and Development Agency-Ministry of Forestry	Stakeholder Analysis of Benefit Distribution Mechanism on REDD (Reducing Emission from Deforestation and Degradation)
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Ping	Yowargana	Indonesia	President's Delivery Unit for Development Monitoring and Oversight	Developing an integrated REDD+ policy package to effectively address deforestation in Indonesia
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Harifidy	RAKOTO RATSIMBA	Madagascar	Département des Eaux et Forêts, Ecole Supérieure des Sciences Agronomiques, Université d'Antananarivo	Relevance of REDD initiatives for local communities in a low biomass forest. Case of tapia woodland, Central part of Madagascar
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Victor	Adekunle	Nigeria	Federal University of Technology, Akure, Nigeria	WOOD HARVESTING RATE, POLICIES AND CULTURAL HAULAGE METHODS IN SOUTHWEST NIGERIA: IMPLICATION ON CARBON SEQUESTRATION
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Anatoliy	Nijnik	United Kingdom	Environmental Network Ltd	Analysing experts' opinion regarding opportunities and challenges of tackling deforestation in the tropics
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Leo	Bottrill	United States	Crowd Cover	Using Collaborative Mapping to Monitor REDD+ and Drivers of Deforestation in the Democratic Republic of Congo
Forests and Climate Change	242 Addressing the drivers of deforestation: Exploring synergies between REDD+ and forest policy	Hai	Le	Viet Nam	Vietnam Forestry University	Key Drivers of reforestation success in tropical developing countries: The case from the Philippines
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Robert	Waterworth	Australia	Australian Government	Methods of integrating remote sensing and ground data in carbon accounting systems
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Thelma	Krug	Brazil	National Institute for Space Research-INPE	IPCC Guidance for the Preparation of National Forest Sector GHG Inventories
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Werner	Kurz	Canada	Natural Resources Canada, Canadian Forest Service	Canada's National Forest Carbon Monitoring, Accounting and Reporting System: Experiences and Next Steps
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Giacomo	Grassi	Italy	JRC european Commission	The EU greenhouse gas inventory: experience and challenges when dealing with 28 different national forest inventories
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Marcela	Olguín	Mexico	Proyecto Mexico-Noruega, Comision Nacional Forestal	Plans for integrating carbon accounting models and intensive carbon monitoring sites into a Tier 3 approach in Mexico
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Dmitry	Zamolodchikov	Russian Federation	Lomonosov's Moscow State University	National forest sector greenhouse gas inventory: Russian example
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	John	Coulston	United States	USDA Forest Service	Relative contributions of land use and land cover change to forest carbon stock change

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Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Kenneth	Skog	United States	USDA Forest Service	Estimating carbon stored in harvested wood products for greenhouse gas inventories - IPCC requirements and advances in national methods
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Robert	Waterworth	Australia	Australian Government	A decision making framework for designing a carbon accounting system
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Jean Pierre	Ometto	Brazil	National Institute for Space Research	The experience from Brazil on producing the National forest sector greenhouse gas inventories
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Dooahn	Kwak	Canada	Natural Resources Canada, Canadian Forest Service	Applying CBM-CFS3 to South Korean forest for carbon budget estimation
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Sheila Edith	Zamora Lopez	Germany	University of Hamburg	National greenhouse gases inventories in a scope of REDD+: study of case in Nicaragua.
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Till	Neeff	Italy	CD-REDD Project	Capacity development for the AFOLU sector of national GHG inventory systems and MRV in developing countries
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Yuko	Tsunetsugu	Japan	Forestry and Forest Products Research Institute	Estimation of carbon emission and removal from the harvested wood products pool following the 2013 IPCC KP Supplement in Japan
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Raehyun	KIM	Korea, Republic of	Korea Forest Research Institute	Development of country specific EF and NFI system for National GHG Inventory in forest sector, Korea
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Kim	Moonil	Korea, Republic of	Korea University	Predicting Forest Carbon Storage and Sequestration Based on National Forest Inventory Using Forest Growth Model
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Thomas	Paul	New Zealand	Scion	New Zealand's plantation forest inventories for Kyoto and UNFCCC reporting – Five years of measuring and modelling in a changing landscape
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Gro	Hylen	Norway	Norwegian Forest and Landscape Institute (NFLI)	Annual Changes in Forest Longitudinal Data for Use in Greenhouse Gas Reporting Under the UNFCCC and Its Kyoto Protocol
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Aaron	Smith	Norway	Norwegian Forest and Landscape Institute	The effects of biomass function choice on carbon pools reported in the Norwegian national greenhouse gas inventory
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Jose Alan	Castillo	Philippines	DENR-ERDB	Carbon Dioxide Sequestration Potential of the National Greening Program of the Philippines
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	Rodel	Lasco	Philippines	ICRAF	Forest sector greenhouse gas inventories in the Philippines: what went wrong?
Forests and Climate Change	248 National forest sector greenhouse gas inventories following IPCC guidance and guidelines: Requirements, methods, and national examples	zhen	yu	United States	west virginia university	Snow dynamics suppressed the carbon emission in North America
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Dmitry	Schepaschenko	Austria	IIASA	Global forest map: exploring the synergy of remote sensing, crowd sourcing and statistics
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Hassan Camil	David	Brazil	Universidade Federal do Paraná	ORIGIN AND METHODOLOGICAL ASPECTS OF NATIONAL FOREST INVENTORY IN BRAZIL (NFI-BR)
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Yeda	Oliveira	Brazil	EMBRAPA	Brazilian National Forest Inventory: remote sensing and landscape analysis approaches for nationwide forest monitoring and assessment
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Danilo	Granja	Ecuador	Ecuador Ministry of the Environment	Development of Carbon Monitoring Methods in Ecuador

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Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Satoru	Miura	Japan	Forestry and Forest Products Research Institute	A new soil erosion survey method in the national forest inventory of Japan
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Torbjorn A	Lestander	Sweden	Swedish University of Agricultural Sciences	Mapping forests as renewable chemicals for biorefineries
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Sean	Healey	United States	US Forest Service	Preliminary Results of the Global Forest Biomass Survey
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Brad	Smith	United States	U.S. Forest Service	Going beyond national-level statistics: A new data infrastructure for ecoregion-level forest resource assessment
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Evgeny	Lopatin	Finland	University of Eastern Finland	Mapping the extent of conifers dominating high conservation value forests in Finland using Landsat data
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Evgeny	Lopatin	Finland	University of Eastern Finland	Russian Federation forest resources assessment based on free medium resolution remote sensing data
Forests and Climate Change	250 New developments and use of the UN-sponsored Global Forest Resource Assessment	Andrew	Lister	United States	USDA Forest Service FIA	Measurement and Monitoring of Carbon in Peru: Methods and Plans for MRV
Forests and Climate Change	253. Complying with the IPCC Good Practice Guidance for tropical carbon stock inventories	Svetlana	Saarela	Finland	University of Helsinki	Model-based inference for growing stock estimation in a LiDAR sample survey in Kuortane, Finland.
Forests and Climate Change	253. Complying with the IPCC Good Practice Guidance for tropical carbon stock inventories	Martin	Herold	Netherlands	Wageningen University	Assessing REDD+ performance and evolving monitoring needs
Forests and Climate Change	253. Complying with the IPCC Good Practice Guidance for tropical carbon stock inventories	Erik	Næsset	Norway	Norwegian University of Life Sciences	Estimation of biomass and change in biomass and corresponding uncertainties in sample surveys assisted by airborne laser scanning
Forests and Climate Change	253. Complying with the IPCC Good Practice Guidance for tropical carbon stock inventories	Goran	Stahl	Sweden	Swedish Agricultural University	Properties of the stock change method for estimating greenhouse gas emissions from forests
Forests and Climate Change	253. Complying with the IPCC Good Practice Guidance for tropical carbon stock inventories	Hans-Erik	Andersen	United States	USFS	Use of multi-temporal, multi-level remote sensing and field data for retrospective estimation of biomass in remote regions
Forests and Climate Change	253. Complying with the IPCC Good Practice Guidance for tropical carbon stock inventories	Ron	McRoberts	United States	U.S. Forest Service	Techniques for using maps to enhance estimates of forest/non-forest change
Forests and Climate Change	253. Complying with the IPCC Good Practice Guidance for tropical carbon stock inventories	LOURDES	BREVA	Philippines	Department of Environment and Natural Resources- Ecosystems Research and Development Bureau	CARBON STORAGE POTENTIAL OF A MANGROVE FOREST IN PADRE BURGOS, QUEZON, PHILIPPINES
Forests and Climate Change	27 Forest owners and climate change adaptation	Ulrike	Pröbstl-Haider	Austria	University of Natural Resources and Life Sciences Vienna	Understanding and directing small-scale private forest owner behaviour towards climate change adaptation
Forests and Climate Change	27 Forest owners and climate change adaptation	Philippe	DEUFFIC	France	IRSTEA	Acting as a forest owner in a climate of uncertainty
Forests and Climate Change	27 Forest owners and climate change adaptation	Jeannette	Eggers	Sweden	Swedish University of Agricultural Sciences	Scenarios for forest management in a rural municipality in Sweden, with respect to different private forest owners categories
Forests and Climate Change	27 Forest owners and climate change adaptation	Kerstin	Hemström	Sweden	Linnaeus University	Forest owner perceptions of climate change effects on forest management
Forests and Climate Change	27 Forest owners and climate change adaptation	Gregor	Vulturius	Sweden	Stockholm Environment Institute	Explaining differences in perception of climate risks and adaptation measures among forest owners and forestry advisors
Forests and Climate Change	27 Forest owners and climate change adaptation	Klaus	Puettmann	United States	Department of Forest Ecosystems and Society, Oregon State University	Alternative silviculture: Doing good here and there; why not everywhere?
Forests and Climate Change	27 Forest owners and climate change adaptation	Stephanie	Snyder	United States	USDA forest service	Family forest landowner interest in carbon management and markets: Insights from the US and Norway
Forests and Climate Change	27 Forest owners and climate change adaptation	Osmo	Mattila	Finland	University of Helsinki	Paths for new services - Important factors in owning forests for Finnish NIPF owners in the context of ecosystem services
Forests and Climate Change	27 Forest owners and climate change adaptation	Yohan	Lee	Korea, Republic of	Korea Rural Economic Institute	What is the baseline of forest carbon stocks in South Korea: overestimation or underestimation?
Forests and Climate Change	27 Forest owners and climate change adaptation	Puskar	Khanal	United States	Mississippi State University	Characterizing climate change and forest carbon sequestration attitudes of NIPF landowners in the southern United States
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Thu-Ba	Huynh	Australia	University of Melbourne	REDD+ and Community Adaptive Capacity in the Central Highlands of Vietnam.

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Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Tek	Maraseni	Australia	University of Southern Queensland	An assessment of the impacts of the REDD+ pilot project on community forests user groups (CFUGs) and their community forests in Nepal
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Amy	Duchelle	Brazil	CIFOR	Local participation in global conservation: Villagers' knowledge and perceptions of incipient REDD+ initiatives
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Wanggi	Jaung	Canada	University of British Columbia	Evaluating socio-economic equity of REDD+ in a rights-based approach: Rapid equity appraisal matrix
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Ian	Thompson	Canada	Canadian Forest Service	Improved understanding of the role of biodiversity in ecosystem services leads to better REDD forest management
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Kwame Antwi	Oduro	Ghana	Forestry Research Institute of Ghana	Analyses of potential livelihood outcomes, farming practices and conflicts in natural resource use under a REDD+ implementation in Ghana
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Kazuhiro	Harada	Japan	University of Hyogo	Collaborative forest management with effective REDD+ social safeguards: An experience from a national park in East Java, Indonesia
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Constance	McDermott	United Kingdom	Environmental Change Institute, University of Oxford	Integrating REDD+ Governance: Lessons at global, national and local scales
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Bhaskar	Vira	United Kingdom	University of Cambridge	Social and economic considerations relevant to REDD+
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Kevin	Enongene	Cameroon	World Wide Fund for Nature (WWF) Central Africa Regional Programme Office (CARPO)	Developing Guidelines for Free, Prior and Informed Consent (FPIC) for the National REDD+ Process in Cameroon: A Methodological Approach
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Mucahid	Bayrak	China	The Chinese University of Hong Kong	Localizing REDD+ and Benefit Sharing Mechanisms in Vietnam: Two case studies in Central Vietnam
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Kwame Antwi	Oduro	Ghana	Forestry Research Institute of Ghana	Distribution of potential REDD+ benefits from agricultural lands in forests and forest-savanna transition zones of Ghana
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Promode	Kant	India	Institute of Green Economy, Noida, India	Too Safe to Survive: Going Overboard on Free and Prior Informed Consent
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Sitti	Latifah	Indonesia	University of Mataram	Ensuring Social Safeguards: Forest Use Rights of Local Communities and Participatory Process of Lombok KPH REDD+ feasibility study in Indonesia

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Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Stephy	Makungwa	Malawi	Lilongwe University of Agriculture and Natural Resources	Priority sites for carbon forestry in densely populated and impoverished tropical countries. A case of Malawi
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Amadu	Lawal	Nigeria	Federal University of Technology Akure	Carbon Storage in a Natural Forest Regenerated Through Enrichment Planting and a Degraded Forest: A Comparison Approach
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Etienne	Delattre	Thailand	RECOFTC - The Center for People and Forests	Understanding equity in forests and climate change for grassroots stakeholders: a framework
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Elizabeth	Blanchard	United States	University of Cambridge	Interrogating Safeguards for Jurisdictional REDD+: A Study of Overseas Jurisdictional REDD+ Offsets in California's Global Warming Solutions Act
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Deborah	Davenport	United States	Georgia State University	Forests, Carbon and People: The Unmeasurable in Search of the Unattainable?
Forests and Climate Change	46 Understanding the relationships among biodiversity, carbon, and people for REDD+ forests: The importance of environmental and social safeguards	Pamela	Jagger	United States	University of North Carolina at Chapel Hill	Multi-level Policy Dialogues and Actions for REDD+ Social Safeguards: Observations from a Global Comparative Study on REDD+
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Valerie	LeMay	Canada	The University of British Columbia	Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Kyle	Lochhead	Canada	University of British Columbia	Approaches for estimating stand and tree-level variables for use in large scale National Forest Inventories
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Petteri	Packalen	Finland	Faculty of Science and Forestry, University of Eastern Finland	Variable Selection Strategies for Nearest Neighbor Imputation in Remote Sensing Based Forest Inventory
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Piermaria	Corona	Italy	University of Tuscia	A MONTE CARLO APPRAISAL OF FOUR DIFFERENT INTERPOLATION METHODS TO COUPLE REMOTELY SENSED AND GROUND DATA
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Goran	Stahl	Sweden	Swedish Agricultural University	Restricted imputation for improved forest scenario analysis
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	John	Coulston	United States	USDA Forest Service	Ensemble approaches to the nearest neighbor problem
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Nicholas	Crookston	United States	USDA Forest Service	The R package yalmpu supports several approaches to solving the k-NN imputation problem. The package has been credited with making the
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Nan	Pond	United States	Michigan Technological University	Small-area estimation across large areas of forest
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Melissa	Fedrigo	Australia	The University of Melbourne	Combining lidar structure and ecology data in predictive ecosystem mapping models for improved estimates of landscape-scale forest carbon
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Naissa	Luz	Brazil	FAPEG	RapidEye object-based image classification and landscape ecology analysis to support geospatial component of Brazilian National Forest Inventory

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Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Pierre	Bernier	Canada	Canadian Forest Service, Natural Resources Canada	Assessing forest change across Canada using successive kNN-based maps of imputed forest inventory data
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Nicolas	Mansuy	Canada	Natural Resources Canada /Canadian Forest Service	Building digital soil maps of Canadian managed forests at 250 m of resolution using the k-nearest neighbour method.
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Matti	Maltamo	Finland	University of Eastern Finland	Improving the accuracy of species specific stand attribute prediction in k-nn framework
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Fabian	Fassnacht	Germany	University of Freiburg	Forest biomass estimation from remote sensing data - assessment of the influence of various environmental and data-related factors on the modeling process.
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Géza	Király	Hungary	University of West Hungary, Faculty of Forestry, Dept. of Surveying and Remote Sensing	Comparative assessment of riparian forests based on remote sensing in a Hungarian-Slovakian cross-border area
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Him Lal	Shrestha	Nepal	Kathmandu University and ICIMOD	Comparison of Landcover classification using Medium resolution and high resolution imageries
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Kevin	Megown	United States	USDA Forest Service	Land Use and Land Cover Change Estimation - A Sample Strategy Monitoring
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Jacob	Strunk	United States	College of Forestry, Oregon State University	Comparison of Regression Estimation with Lidar and Double-Sampling with Multi-Temporal Landsat for Forest Inventory: A Case Study in Southwest Oregon
Forests and Climate Change	49 Using multi-source remotely sensed data and nearest neighbor techniques to improve inference for natural resource applications.	Dan	Unger	United States	Arthur Temple College of Forestry and Agriculture	MEASURING TREE HEIGHT USING PICTOMETRY® HYPERSPATIAL MULTISPECTRAL IMAGERY
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Nicolas	Picard	Cameroon	COMIFAC	Allometric equations for biomass estimation in central African rain forests: state of the art and challenges
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	David	Pare	Canada	Natural Resources Canada	Uncertainty in estimating the timing of greenhouse gas emission balance of forest bioenergy
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Kyle	Eyvindson	Finland	University of Helsinki	Assessment of Scenario Generation Approaches for Forest Management Planning Through Stochastic Programming
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Mathias	Christina	France	CIRAD, UMR Eco&Sols	Modeling the intra-stand variability of carbon and water fluxes in clonal Eucalyptus plantations
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Betha	Lusiana	Indonesia	World Agroforestry Centre (ICRAF)	Scaling of uncertainty in carbon emission estimates and implications for locally appropriate designs to reduce emissions from degradation, deforestation and agroforestation in landscape mosaics
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Oswaldo	Carrillo	Mexico	Proyecto Mexico-Noruega, Comision Nacional Forestal	Forest carbon stock change uncertainty estimation in Mexico
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Johannes	Breidenbach	Norway	Norwegian Forest and Landscape Institute	Quantifying uncertainties in national estimates of living biomass – a comparison of methods
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Holger	Lange	Norway	Norwegian Forest and Landscape Institute	Testing of soil carbon models using repeated inventories
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Warren	Cohen	United States	USDA Forest Service, Pacific Northwest Research Station	Characterizing Uncertainty in Forest Disturbance Maps Derived from Landsat Time Series
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	George	Gertner	United States	University of Illinois	Total Error Propagated and Partitioned in a Lidar Driven Single Tree Growth Model
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Carlos	Gonzalez-Benecke	United States	University of Florida	Parameterization of 3-PG model for slash pine trees: Assessing climate change effects on stand dynamics and productivity
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Sean	Healey	United States	US Forest Service	A Systematic Framework for Monte Carlo Simulation of Remote Sensing Errors Map in Carbon Assessments
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Ron	McRoberts	United States	U.S. Forest Service	The effects on large area forest volume estimates of uncertainty in individual tree volume model predictions

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Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Joshua	Roberti	United States	NEON	Quantifying sources of uncertainty through traceable and empirical approaches at the National Ecological Observatory Network
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Bogdan	Strimbu	United States	Louisiana Tech University	Distribution of errors along stem in carbon estimation using hemispherical photography
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	chonggang	xu	United States	Los Alamos National Laboratory	Uncertainty and sensitivity analysis of a tree mortality monitoring system
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Anne	Griebel	Australia	University of Melbourne	Novel automated terrestrial Lidar sensor decreases forest measurement uncertainties when used in a multi-method approach.
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Anatoly	Shvidenko	Austria	IIASA	A system for assessing live biomass of Northern Eurasian forests: methodology, models, results, and uncertainties
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Sylvanus	Mensah	Benin	University of Abomey-Calavi	Combined effect of tree spatial patterns and inventory plot patterns in dendrometric analysis of tropical vegetation types
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Eric Bastos	Görgens	Brazil	University of Sao Paulo	Wood volume estimation for eucalyptus plantations using ALS metrics and stand age
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Jose	Imana	Brazil	University of Brasilia	HYPOMETRIC RELATIONSHIP FOR THE SAVANNA IN SOUTHERN TOCANTINS STATE, BRAZIL
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Paolo	Moser	Brazil	Universidade Regional de Blumenau	Height-diameter mathematical models comparisons for three subtropical forest types in southern Brazil
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Yen Jen	Lai	China - Taipei	The Experimental Forest, National Taiwan University	The annual net ecosystem exchange in a subtropical broadleaf plantation in southern Taiwan.
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Nestor	Sagui	Costa Rica	CATIE	Generation of mathematic models for carbon estimates for Pinus tecunumanii Eguluz, and, Juglans olanchana Standl in natural forests.
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Aleksi	Lehtonen	Finland	Finnish Forest Research Institute (Metla)	Towards precise estimation of foliar biomass turnover rates in Finland
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Svetlana	Saarela	Finland	University of Helsinki	Comparing probability-proportional-to-size and simple random sampling designs in model-assisted estimation of growing stock in a boreal forest area in Finland.
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Basile	Herpigny	France	IRSTEA	Dendrometric indicators of understory vegetation along ecological gradients: do nonlinear models outperform linear ones?
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Raehyun	KIM	Korea, Republic of	Korea Forest Research Institute	Estimation of uncertainty for carbon emission factors by major species in Korea
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Jungkee	Pyo	Korea, Republic of	kongju national university	A study on methods of uncertainty assessment for carbon accounting for Pinus densiflora in the Republic of Korea
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Hugh	Bgisby	New Zealand	Lincoln University	Assessing the stability of carbon pools from small forest owners with temporary sequestration using Monte Carlo simulation
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Dean	Meason	New Zealand	Scion	Modelling the uncertainty of climate change impacts on Eucalyptus fastigata productivity in New Zealand
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	João HN	Palma	Portugal	Instituto Superior de Agronomia, Universidade de Lisboa	The impact of climate change on Eucalyptus globulus plantations productivity. Bayesian model averaging of two process-based models.
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Elena	Parfenova	Russian Federation	Forest Institute of SB RAS	A bioclimatic model of main conifer tree species height in the Altai-Sayan mountains, central Siberia
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Katarina	Merganicova	Slovakia	TU Zvolen	Can detailed physiological measurements be efficiently used in forest modeling?
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Björn	Erhagwen	Sweden	Swedish University of agricultural sciences SLU	Temperature response of litter and soil organic matter decomposition is determined by chemical composition of organic material
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Zuyuan	Wang	Switzerland	Swiss Federal Research Institute WSL	Quantification of the alpine tree-line shift over the last 25 years using remote sensing data
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Barbara	Bomfim	United States	University of California Davis	COMPARISON OF METHODOLOGIES FOR QUANTIFYING DEFORESTATION: A STUDY CASE OF CHICO MENDES RESEX, BRAZILIAN AMAZON
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Janae	Csavina	United States	NEON	Uncertainty in an uncertain world: Using scientific judgment for evaluating uncertainty in measurement results.
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Grant	Domke	United States	USDA Forest Service	The effect of varying estimation procedures on downed dead wood carbon stock estimates using the national forest inventory of the United States

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Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Elizabeth	Freeman	United States	US Forest Service	Random Forests and Stochastic Gradient Boosting for Predicting Tree Canopy Cover: Comparing Tuning Processes and Model Performance
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Jingjing	Liang	United States	West Virginia University	Matrix Model of Forest Dynamics: An Overview and Outlook
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Gretchen	Moisen	United States	US Forest Service	The history of forest disturbance in the US: Annual maps of causal agent from Landsat time series
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Warren	Moser	United States	USDA, Forest Service	Opportunities and challenges in evaluating medium-term climatic impacts: The U.S. Northern Forest Futures Project
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	David	Parrott	United States	University of Kentucky	Effects of terrain and canopy cover on LiDAR derived DEMs in the Northern Cumberland Plateau
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Kristen	Potter	United States	Northern Arizona University	Microclimatic challenges in global change biology
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Ben	Poulter	United States	Montana State University	Addressing global carbon cycle uncertainties with forest management
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Karen	Schleeweis	United States	US Forest Service	Classifying causal agents of forest disturbance with attention to rare classes
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Todd	Schroeder	United States	US Forest Service	Testing alternative response designs for training forest disturbance and attribution models
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Derek	Smith	United States	NEON	A transferable framework to interpret quality results of large data sets
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Jeffrey	Taylor	United States	NEON	Estimating Uncertainty for Measurements of Long-Term Climate Impacts on Forested Ecosystems across the Continent
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Craig	Wayson	United States	SilvaCarbon	Fake forests and quantifying uncertainty in allometric equations for the 'real world'
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Marcella	Windmuller-Campione	United States	Utah State University	Structural and Compositional Patterns in Forest Communities in the Intermountain West
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Ruth	Yanai	United States	SUNY-ESF (College of Environmental Science and Forestry)	Uncertainty in Forest Carbon and Nutrient Budgets
Forests and Climate Change	58 Quantifying uncertainty in forest measurements and models: Approaches and applications	Jesus	Flores	Venezuela	Universidad de Los Andes	Methodological approach for aboveground biomass estimation using remote sensing data in a dry-humid tropical forest from Venezuela
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Cheikh	Mbow	Kenya	ICRAF	Land use change in the Sahel. How agroforestry can contribute to biodiversity and building ecosystem corridors in West Africa?
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	João HN	Palma	Portugal	Instituto Superior de Agronomia, Universidade de Lisboa	Using 3PG to assess climate change impact on the management plan optimization of eucalyptus plantations. Case study in Southern Brazil.
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Lucy	Rist	Sweden	SLU	A new paradigm for adaptive management
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Marc	Hanewinkel	Switzerland	Swiss Federal Institute for Forest, Snow and Landscape Research WSL	Impact of climate change on major forest ecosystem services in Europe
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Bhaskar	Vira	United Kingdom	University of Cambridge	Socio-economic and policy issues of climate change for forests in Asia
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Stella	Bogino	Argentina	State University of San Luis	Sex-related, growth-climate association of Araucaria angustifolia in subtropical planted forests in Argentina
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Md. Shams	Uddin	Bangladesh	Winrock International, Bangladesh	Climate change impacts on Sundarbans mangrove ecosystem services and dependent livelihoods in Bangladesh
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Lorge	Acosta	Cuba	Instituto de Investigaciones Agroforestales	Scenarios of future climate for the Camagüey province, Cuba. Possible influence on the forest plantations of mediterranean distribution.
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Pekka	Kauppi	Finland	University of Helsinki	Carbon budget of state owned forests in Finland, overcoming deforestation and forest degradation
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Shivanna	Honnurappa	India	University of Agricultural Sciences, Dharwad, Karnataka- India	"Shelterbelts system of Agroforestry" – Improves Microclimate, Crop Yields, Carbon Sequestration, mitigate Climate Change in dry land ecosystem of peninsular India

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Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Prayoto	Sikumbang	Indonesia	Riau Forestry Service	Analysis of Land Cover Change in Riau province to determine the cause of forest conversion
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Tolulope	Daramola	Nigeria	International Forestry Students Association (IFSA)	Opportunities for Climate Change Mitigation Through Afforestation and Reforestation of Degraded Lands in The Sub-Saharan Africa
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	FAYE	Laurice Codou	Senegal	CIVIL ENGINEERING DEPARTMENT, KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, KUMASI	Vegetation change in Boundou Natural Community Reserve, Region of Tambacounda/Senegal from 1974 to 2010
Forests and Climate Change	71 Climate Change: A driver for land-use change and adaptive forest management on six continents	Laura	Leites	United States	Penn State University	Species and populations growth responses to changed climate: implications for adaptive forest management
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Vanessa	Silva Mascorro	Canada	University of British Columbia	Quantifying forest disturbances as input to carbon budget models in southeast Mexico
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Haruni	Krisnawati	Indonesia	Forestry Research and Development Agency (FORDA)	INCAS: an integrated system to support greenhouse gas emission monitoring and reporting from land sector in Indonesia
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Yasumasa	Hirata	Japan	Forestry and Forest Products Research Institute	Use of remote sensing for forest monitoring at a national level in REDD+ implementation
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	HAMDAN	OMAR	Malaysia	FRIM	ADVANCE AND CHALLENGE OF REMOTE SENSING IN ASSESSING TROPICAL FOREST BIOMASS OF MALAYSIA
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Jaime	Paneque-Gálvez	Mexico	CIGA-UNAM & ICTA-UAB	Measuring tropical forest degradation from high-resolution remote sensing imagery and field data for building a REDD+ MRV system in Mexico
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Tron	Eid	Norway	Department of Ecology and Natural Resource Management, Norwegian University of Life Sciences	The development of allometric models for prediction of above- and belowground biomass for all major forest types in Tanzania
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Luigi	Boschetti	United States	University of Idaho	REDD+ and Wildland Fires: the contribution of satellite observation systems.
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Andrew	Lister	United States	USDA Forest Service FIA	Strategies for Forest Measurement and Monitoring in Colombia
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Vathana	KHUN	Cambodia	University of Hyogo	Estimation of Biomass Expansion Factors for Deciduous Forest in Cambodia
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	James	Halperin	Canada	University of British Columbia	Modeling forest biomass baselines in Miombo forests of southern Africa: approaches and uncertainties
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Zhanqing	Hao	China	institute of applied ecology, Chinese Academy of Sciences	Tree biomass stocks and dynamics and their relation to soil nutrients in an old growth temperate forest in China
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	wenjie	wang	China	NEIGAE	Larch forest in northeastern China: carbon sink capacity and soil importance
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Dan	Zhao	China	Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences	Above ground biomass estimation based on LIDAR and HJ data in subtropical forest
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Sheila Edith	Zamora Lopez	Germany	University of Hamburg	A geostatistical approach to integrate the national forest inventories and monitoring issues in a scope of REDD+
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Tyas Mutiara	Basuki	Indonesia	Forestry Research Institute for Watershed Management	Estimating biomass using leaf area index from hemispherical photograph in tropical Dipterocarp forests
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Tetsuji	Ota	Japan	Kyushu university	Estimating above-ground biomass using airborne LIDAR in tropical seasonal forests for REDD+ implementation
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Chemuku	Wekesa	Kenya	Kenya Forestry Research Institute, Coast Eco-Region Research Programme	Forest structure and carbon storage potential of remnant forest fragments in Kenya
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	MIHAE	YOON	Korea, Republic of	Korea University	Detection and quantification of forest carbon in intact tropical rain forests of Brunei Darussalam using remote sensing for REDD+
Forests and Climate Change	74 Advances in forest carbon measurements and monitoring for building REDD+ MRV systems	Rosa	Goodman	United Kingdom	University of Leeds	The importance of tree crowns and implications for forest carbon stocks in southwestern Amazonia

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Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Silvio	Schueler	Austria	Austrian Federal Research Center for Forest	Utilizing the intraspecific variation in climate response to select appropriate Douglas fir provenances for European plantations in future climates
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Miriam	Isaac-Renton	Canada	University of Alberta, Department of Renewable Resources	Europe-wide analysis of Douglas-fir provenance trials: insights into assisted migration to address climate change
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Palle	Madsen	Denmark	University of Copenhagen	Refugial populations – a source of increased genetic diversity for improved forest adaptation capacity
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Andreas	Bolte	Germany	Thünen Institute of Forest Ecosystems	Adaptive forest management in global temperate forests – pathways for a cooperative network concept
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Julia	Sohn	Germany	Univeristy of Freiburg	Potential of thinning to mitigate drought stress in trees – a meta-analysis
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Michal	Zasada	Poland	Warsaw University of Life Sciences SGGW. Faculty of Forestry	Performance of the selected Northern-American tree species introduced in Central Europe
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Ruben D.	Manzanedo	Switzerland	University of Bern	Forest Biodiversity And Local Adaptation In Dominant European Tree Species
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Andreas	Rigling	Switzerland	Swiss Federal Institute for Forest, Snow and Landscape Research WSL	Field experiments and models as decision support for forest management under increasing drought risk
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	peter	hobson	United Kingdom	Writtle College	Identifying potential tipping points in forest ecosystems using vegetation function traits and microclimatic indicators
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Elie	Padonou	Benin	University of Abomey-Calavi	Using species distribution models to select climate change resistant species for ecological restoration of bowé in West Africa
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	ADJAHOSSOU	Sessi Gilles Christian	Benin	Laboratoire d'Ecologie Appliquée (LEA)	Suitable habitats an endangered African tree species across protected area network and implication for its conservation in Benin
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Christophe	ORAZIO	France	European Forest Institute	Research Infrastructure & Network for Monitoring and Adapting European Atlantic Forests under Climate Change (REINFFORCE)
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Norbert	Asche	Germany	Wald und Holz NRW	Identifying Forests Susceptible to Climate Change in NW-Germany
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Tamalika	Chakraborty	Germany	University of Freiburg	European beech trees have developed an adaptive strategy of survival through crown die-back under stress of drought and plant competition
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Jörg	Kunz	Germany	Chair of Silviculture, University of Freiburg	Responses in physiology and growth of minor central European tree species to drought events
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Mostafa	Jafari	Iran	Director of Forest Research Division - RIFR and Head of TPS for LFCCs	Forest vulnerability to climate change in Iran
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Kristine	Garcia	Philippines	World Agroforestry Centre-Philippines	Predicting geographic distribution and habitat suitability due to climate change of selected threatened forest tree species in the Philippines
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Dorota	Dobrowolska	Poland	Forest Research Institute	Silver fir (Abies alba Mill.) - native or alien tree species in the north Poland

Congress Theme	Session Title	First Name of Presenting Author	Last Name of Presenting Author	Country of Residence	Affiliation/Organization	Presentation Title
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Karin	André	Sweden	Stockholm Environment Institute	The role of social networks in communicating knowledge on climate change adaptation among forestry stakeholders in Sweden
Forests and Climate Change	75 Adaptive forest management under climate change – networking from local to global scales in the temperate zones	Ruben D.	Manzanedo	Switzerland	University of Bern	New Technique To Assess Local Adaptation In Mature Forests
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Laura	Gray	Canada	University of Alberta	Geographic patterns of genetic variation in white spruce (<i>Picea glauca</i>): developing breeding and deployment strategies under climate change
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Steve	Grossnickle	Canada	NurseryToForest Solutions	Ecophysiology of Northern Spruce Species: Implications for management under climate change
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Josef	Urban	Czech Republic	Mendel University in Brno	Ecophysiological aspects of growing Douglas fir in central Europe
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Harri	Mäkinen	Finland	METLA	Environmental control of growth variation in Norway spruce in Finland
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Julia	Sohn	Germany	Univeristy of Freiburg	Mitigation of drought by thinning: short-term and long-term effects on growth and physiological performance of Norway spruce (<i>Picea abies</i>)
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Martin	Ahlström	Sweden	Swedish University of Agricultural Sciences	Long-term volume increment, ingrowth and changes in the stand structure in partially harvested uneven-aged Norway spruce stands in Northern Sweden
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Bill	Mason	United Kingdom	Forest Research	Use of Continuous Cover Forestry enhances delivery of ecosystem services and adaptation to climate change in Sitka spruce planted forests.
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Suborna	Ahmed	Canada	University of British Columbia	Systematic Review of Impacts of the White Spruce Tree Improvement Program in the Boreal Forest of Canada: A Meta-Analytical Approach
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Philip	Comeau	Canada	Univ. of Alberta	Development and dynamics of young aspen-spruce mixedwood stands in western Canadian Boreal Forests
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Tessie	Tong	Canada	FPinnovations	Case study: Impact of Climate Change on Industrially Relevant White Spruce Wood Traits Determined with SilviScan™
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	li	yanli	China	Beijing Forestry University	Seedling and sapling regeneration characteristics and spatial distribution pattern of spruce-fir forests in the Changbai Mountains of northeastern China
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Vilém	Podrázský	Czech Republic	CULS Prague	Ecological and economic impacts of Douglas-fir cultivation in the Central Europe
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Tuula	Jyske	Finland	Finnish Forest Research Institute	Intra-annual phloem and xylem formation, and primordial shoot development in Norway spruce saplings exposed to elevated CO ₂ and temperature
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Harri	Mäkinen	Finland	METLA	Intra-annual xylem formation of Norway spruce and Scots pine across latitudinal gradient in Finland
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Harri	Mäkinen	Finland	METLA	Thinning of Norway spruce stands under changing climate
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Povilas	Žemaitis	Lithuania	Institute of forestry, Lithuanian research centre for agriculture and forestry	Damages risk assessment of Norway spruce forests with different site and stands characteristics: towards sustainability assessment and sustainable management
Forests and Climate Change	79 Sustainable management of spruce dominated ecosystems in response to climate change	Michael	Bunnell	United States	Brigham Young University	Forest diversity and patterns of spruce survival following a spruce beetle epidemic
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Fernanda	Adame	Australia	Griffith University	The value of the protection and restoration of mangroves in Mexico as a climate change mitigation strategy
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Kristell	Hergoualc'h	Peru	CIFOR	Land-use change threats and knowledge of climate affecting variables in tropical peat swamp forests: A comparison between Indonesia and Peru
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Steve	Frolking	United States	University of New Hampshire	Simulating the impacts of climate change and land conversion on the carbon balance of tropical peatlands in Indonesia
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	John	Hribljan	United States	Michigan Technological University	Carbon Stocks and Dynamics in the High Altitude Mountain Peatlands of South America
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Boone	Kauffman	United States	Oregon State University	The Global Significance and Future of Tropical Forested Wetlands

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Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Richard	MacKenzie	United States	United State Forest Service	Sediment and C accumulation rates in mangrove forests
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Victor	Rivera-Monroy	United States	Louisiana State University	Assessing Mangrove Vulnerability across Geomorphic Settings in the Americas: Carbon Sequestration Myths, Hopes, and Dreams
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Matthew	Warren	United States	USDA Forest Service	Ecosystem carbon storage of Indonesia's peat swamp forests
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Vien Ngoc	Nam	Viet Nam	Nong Lam University	A preliminary account of carbon stocks in mangrove ecosystems in the Mekong deltas
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Dixon	Gevana	Korea, Republic of	College of Agriculture and Life Sciences, Seoul National University	Stand Density for Better Tree Carbon Stocks in Monospecific Mangrove Plantation in the Philippines
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	JOSE ALAN	CASTILLO	Philippines	ECOSYSTEMS RESEARCH AND DEVELOPMENT BUREAU	BLUE CARBON OF SELECTED PLANTATION AND NATURAL STANDS OF MANGROVE FORESTS IN THE PHILIPPINES
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Dixon	Gevana	Philippines	College of Forestry and Natural Resources, University of the Philippines Los Baños	To thin or not to thin: Potential economic benefits of carbon stocks and wood in community-managed mangrove plantations in Bohol, Philippines
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Abu	Mahmood	United Kingdom	PhD Candidate, Geography Department, Durham University	Vegetation dynamics and forest degradation monitoring for REDD+: the case for the world largest mangrove
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Randall	Kolka	United States	USDA Forest Service - Northern Research Station	Sustainable Wetlands Adaptation and Mitigation Program (SWAMP)
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Erik	Lilleskov	United States	USDA Forest Service Northern Research Station	Approaches to Regional and Continental Estimates of Carbon Stocks and Fluxes in Tropical Wetland Forests and Mountain Peatlands
Forests and Climate Change	81 Tropical forest wetlands, climate, and land-use change: Adaptation and mitigation opportunities	Carl	Trettin	United States	US Forest Service	Carbon Stocks in Mangroves within the Zambezi Delta, Mozambique
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	André	Arsenault	Canada	Natural Resources Canada, Canadian Forest Service, Atlantic Forestry Centre	How much dead wood is enough in Canadian forests? A review of the science and policy.
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Philip	Comeau	Canada	Univ. of Alberta	Can mixedwood management mitigate climate change impacts on spruce in western Canada's boreal forests?
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Louis	De Grandpre	Canada	Natural Resources Canada	Ecosystem consequences of the northward expansion of the eastern spruce budworm
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Werner	Kurz	Canada	Natural Resources Canada, Canadian Forest Service	Boreal at Risk: From Boreal Science to Public Policy
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Tod	Ramsfield	Canada	Natural Resources Canada / Canadian Forest Service	Understanding the interactions between climate change, heart rot and carbon sequestration in Populus tremuloides in the boreal forest
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Craig D.	Allen	United States	USGS	Report from the Global Frontlines: Does Climate Change During this Century Imperil All Historic Forests Across Planet Earth?
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Kier	Klepzig	United States	USDA Forest Service	Preventing damage from a southern pest in northern forests: The future of the southern pine beetle prevention program?
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Dylan	Parry	United States	State University of New York	Climate, Adaptation, and the Northward Range Expansion of Gypsy Moth
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Maggie	Glasgow	Canada	University of Alberta	Can different in situ oil sands exploratory (OSE) construction techniques improve forest community regrowth in northern Alberta, Canada?
Forests and Climate Change	83 Boreal at risk: Integrative science as a strong foundation for public policy development	Anneli	Viherä-Aarnio	Finland	Finnish Forest Research Institute, Vantaa Unit	Internal development of Norway spruce buds from dormancy to bud burst - new tools for phenological modeling
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Cris	Brack	Australia	Australian National University	Do we have to measure all those trees again? The potential for variable probability sampling.
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	David	Mannes	Australia	Forestry Tasmania	Evolution and Maintenance of a Permanent Plot system in an evolving political and technical landscape.
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Juha	Metsaranta	Canada	Natural Resources Canada, Canadian Forest Service	A synthesis of recent model evaluation activities conducted in support of Canada's National Forest Carbon Monitoring, Accounting, and Reporting System
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Juha	Heikkinen	Finland	Finnish Forest Research Institute (Metla)	National biomass and carbon inventory based on sample plots

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Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Tim	Ritter	Germany	Department of Ecoinformatics, Biometrics and Forest Growth ; University of Göttingen ; Büsgenweg 4 ; Göttingen 37077 ; GERMANY	Efficient sampling techniques for the estimation of deadwood volume and carbon storage in managed forests
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Masahiro	Iwaoka	Japan	Tokyo University of Agriculture and Technology	Difference of carbon balance through forest management and timber utilization at different cutting periods
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Katarina	Merganicova	Slovakia	TU Zvolen	Sources of sampling errors due to the changes of sampling design in forest monitoring
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Denis	Alder	United Kingdom	Denis Alder Consulting	Review of a REDD baseline assessment and pilot study for carbon stock monitoring in Guyana
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Andrew	Gray	United States	USDA Forest Service, PNW Research Station	Challenges with quantifying causes of forest carbon flux from remeasured inventories
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Maria G. F.	Reis	Brazil	Universidade Federal de Viçosa	WOOD CARBON STORAGE IN A SEMIDECIDUAL SEASONAL SECONDARY FRAGMENT IN THE ATLANTIC FOREST DOMAIN, IN BRAZIL, OVER 20 YEARS
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Cintia	Souza	Brazil	Embrapa	Contribution of forest management to carbon sequestration in Brazilian Amazon
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Cintia	Souza	Brazil	Embrapa	Carbon stock and dynamics of pioneers and non-pioneers forest species in an undisturbed forest in Brazilian Amazon
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Cintia	Souza	Brazil	Embrapa	Contribution of families Sapotaceae, Burseraceae and Lecythidaceae in the carbon sequestration of an unmanaged forest in Brazilian Amazon
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Limin	Dai	China	Institute of Applied Ecology, Chinese Academy of Sciences	Forest carbon storage and tree biomass dynamics under the Natural Forest Protection Project in northeastern forest region of China
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Li	Zhou	China	Institute of Applied Ecology, Chinese Academy of Sciences	Estimates of forest biomass carbon storage in Liaoning Province of Northeast China: A Review and Assessment
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Wangming	Zhou	China	Institute of Applied Ecology, Chinese Academy of Sciences	Biomass carbon storage and its sequestration potential of Natural Forest Protection Project afforestation in China
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Po Neng	Chiang	China - Taipei	The Experimental Forest, National Taiwan University	Temporal and spatial variation of soil respiration in a subtropical broadleaves forest in Taiwan
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Bin	You	Germany	Albert-Ludwigs-University Freiburg	Influence of extreme storm events on forest soil carbon stock changes in Baden-Wuerttemberg, Germany
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Harish Chandra	Mishra	India	ANDHRA PRADESH FOREST DEPARTMENT,INDIA	NEAR REALTIME ANNUAL VEGETATION MONITORING IN ANDHRA PRADESH, INDIA USING LISS III DATA
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Somanta	Chan	Japan	University of Hyogo	Carbon Stocks and Species Diversity in Natural Forests in Cambodia
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Yuji	Kominami	Japan	Forestry and forest products research institute	Potential change of NEP caused by tree species change under the climate change in Japan
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Luis Alejandro	Lopez-Ochoa	Mexico	Universidad Autonoma de Nuevo Leon	Evaluation of Permanent Sites for the Monitoring and Modeling of Biomass and CO2 in Mexico's Mixed Forests
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Benedicto	Vargas-Larreta	Mexico	Instituto Tecnológico de El Salto. DGEST	Biomass and Forest Carbon accounting in Cold-Temperate Ecosystems in Northern Mexico
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Funmilayo	Popo-ola	Nigeria	University of Port Harcourt	Above ground carbon sequestration capacity of Tectona grandis stand in Omo Forest Reserve, Ogun State, Nigeria
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Shierel	Vallesteros	Philippines	Nueva Vizcaya State University	Estimation of Aboveground Biomass in Mount Makiling Forest Reserve using Landsat ETM+ Data
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Petro	Lakyda	Ukraine	Professor, Director of Education and Research Institute of Forestry and Park Gardening, National University of Life and Environmental Sciences of Ukraine	Deposited Carbon in Ukrainian Forests: Current Stock and Midterm Forecast
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Jock	Blackard	United States	US Forest Service	Comparing alternatives for intensifying sampling intensity in forest inventories

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Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Andrew	Hudak	United States	USDA Forest Service	Biomass and carbon stores estimated in 2011 and 1934 at Priest River Experimental Forest, northern Idaho, USA
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Gretchen	Moisen	United States	US Forest Service	The role of remote sensing in US forest inventories: past, present and future
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Christopher	Woodall	United States	USDA Forest Service	Recent Technical Changes to the United States Forest Carbon Inventory
Forests and Climate Change	9 Forest biomass and carbon inventory on successive occasions	Christopher	Woodall	United States	USDA Forest Service	Carbon Flux of Down Woody Materials in Forests of the Eastern United States
Forests and Climate Change	92 Gender, participation and climate change	Tiani	Anne Marie	Cameroon	CIFOR	Does forest decentralization strengthen women's adaptive capacity to climate change in the Congo Basin? Insight from Cameroon
Forests and Climate Change	92 Gender, participation and climate change	Maureen	Reed	Canada	University of Saskatchewan	Response to climate change in Canadian forest-based communities: Does gender matter?
Forests and Climate Change	92 Gender, participation and climate change	Liliana	Vanegas	Colombia	ONF Andina	Gender integration in climate change adaptation in the Pato Balsillas Farmer's reserve, in Caquetá, Colombia.
Forests and Climate Change	92 Gender, participation and climate change	Esther	Mwangi	Indonesia	Center for International Forestry Research (CIFOR)	Challenges, opportunities and outcomes of women's participation in forest governance: Lessons from CIFOR's Research
Forests and Climate Change	92 Gender, participation and climate change	Terry	Sunderland	Indonesia	CIFOR	Challenging perceptions about men, women and forest product use: A global comparative study
Forests and Climate Change	92 Gender, participation and climate change	Madhu	Ghimire	Nepal	Ministry of Forests and Soil Conservation	Forest Governance, Gender and Social Inclusion and REDD+ in Nepal
Forests and Climate Change	92 Gender, participation and climate change	Peter	Cronkleton	Peru	CIFOR	Gender dimensions in the management of smallholder forest landscapes in the Peruvian Amazon
Forests and Climate Change	92 Gender, participation and climate change	Sheona	Shackleton	South Africa	CIFOR	Are women more vulnerable to climate change and other interacting stressors in the rural Eastern Cape, South Africa?
Forests and Climate Change	92 Gender, participation and climate change	Alba Saray	Perez Teran	Cameroon	CIFOR	Equatorial Guinea's rural women's vulnerability to climate change
Forests and Climate Change	92 Gender, participation and climate change	Ernest	Foli	Ghana	Forestry Research Institute of Ghana	Developing strategies for REDDES activities in selected pilot areas in Cameroon, Ghana and Nigeria
Forests and Climate Change	92 Gender, participation and climate change	Niken	Sakuntaladewi	Indonesia	Centre for Forestry Research and Development on Climate Change and Policy	Land Tenure and Community-based Adaptation to Climate Risk
Forests and Climate Change	92 Gender, participation and climate change	Kalpna	Shrestha	Nepal	eGTech Pvt Ltd	Gender perspective on the contribution of CF intervention in peoples' livelihood in Nepal
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	Stella	Bogino	Argentina	State University of San Luis	Fire impact on the structure and dynamic of Prosopis caldenia woodlands in the Argentinean pampas
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	Franck	Sinsin	Benin	Laboratoire d'Ecologie Appliquée, Faculté des Sciences Agronomiques, Université d'Abomey-Calavi, 01 BP 526 Cotonou (République du Bénin)	Tree-Ring: A Suitable Implement For Fire History Reconstruction In Savanna Woodland And Dry Forest
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	HE	SHANG	China	Chinese Academy of Forestry	Responses of the radial growth of trees to climate change at the timberline in southeast Tibetan Plateau
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	Raul	Solis	Mexico	Faculty of Forest Sciences-UJED	Tree-growth response to ENSO in Mexico Northern
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	A. Park	Williams	United States	Los Alamos National Laboratory	Forest Ecosystem Reorganization Underway in the Southwestern US: A Preview of Widespread Forest Changes in the Anthropocene?
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	PATRICIA	MATTOS	Brazil	EMBRAPA	Site selection for dendroclimatological studies with Bertholletia excelsa
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	jinmei	xu	China	Chinese Academy of Forestry	Response of cellulose microfibril angle in tree ring of Picea crassifolia to climate
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	Ana	Briceño	Colombia	National University of Colombia	Wood anatomy and dendroclimatological potential of trees of the dry tropical forests of Colombia
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	Thulasidas	P.K	India	Kerala Forest Research Institute, Peechi	Ring-width variability and growth rate of natural teak provenances from India

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Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	Galina	Antonova	Russian Federation	V.N. Sukachev Institute of Forest, SB RAS	SEASONAL DISTRIBUTION OF PROCESSES RESPONSIBLE FOR RADIAL DIAMETERS AND WALL THICKNESS OF SCOTS PINE TRACHEIDS
Forests and Climate Change	Dendrochronology: detecting and modelling climate change and fire impacts	Pichit	Lumyai	Thailand	Kasetsart University	Climatic Effects on Teak Growth in Northern Thailand
Forests and Climate Change	Modeling and simulation systems	Nicholas	Crookston	United States	USDA Forest Service	Considering climate change: Growth and yield forecasting using Climate-FVS
Forests and Climate Change	Modeling and simulation systems	Nikolay	Khabarov	Austria	International Institute for Applied Systems Analysis (IIASA), Ecosystems Services and Management Program (ESM)	REDD Options as a Risk Management Instrument under Policy Uncertainty and Market Volatility
Forests and Climate Change	Modeling and simulation systems	David	Greenberg	Canada	Commission for Environmental Cooperation / Canadian Forest Service	New tools for the use of spatially-explicit forest disturbance data in the estimation of forest carbon budgets within North America
Forests and Climate Change	Modeling and simulation systems	Sebastian	Palmas	Mexico	University of Florida	Exploring economic optimization for managed tropical forests using individual-based modeling: an exercise with data from Quintana Roo, Mexico.
Forests and Climate Change	Modeling and simulation systems	Wim	de Vries	Netherlands	Alterra, Wageningen University and Research centre	Assessing the impact of air quality and climate change on carbon sequestration and biodiversity of forest ecosystems in Europe
Forests and Climate Change	Modeling and simulation systems	Even	Bergseng	Norway	Norwegian University of Life Sciences	Combining process modeling and national inventory plots for estimating climate change effects on boreal forest growth – case Norway
Forests and Climate Change	Modeling and simulation systems	Margarida	Tomé	Portugal	Forest Research Centre, School of Agriculture, Technical University of Lisbon	Estimating the fertility rating parameter of the 3PG model from soil properties. Application to Eucalyptus globulus in Portugal
Forests and Climate Change	Modeling and simulation systems	Bishnu	Poudel	Sweden	Mid Sweden University	Modelling forest management in Sweden: trade-offs between carbon benefit and biodiversity conservation
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Klaus	Katzensteiner	Austria	BOKU University Vienna	Humus dynamics in timberline ecotones - Case studies from the Austrian Alps
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Andreas	Schindlbacher	Austria	Forest Research Center	Warming effects on soil C-cycling: Recap after nine years of artificial soil warming in a temperate spruce forest
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Francis	Dube	Chile	University of Concepcion	Carbon loss and degradation indicators in Nothofagus forests of the Andes and Coastal range in the Mediterranean region of Chile
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Syed Ashraf	Alam	Finland	Department of Forest Sciences, VITRI, University of Helsinki	Biomass and soil carbon stocks of Sudanese Acacia savanna woodland
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Jeyanny	Vijayanathan	Malaysia	Forest Research Institute Malaysia	Estimation of Forest Floor Carbon Stocks in a Tropical Montane Forest
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Lise	Dalsgaard	Norway	Norwegian Forest and Landscape Institute	Estimating soil carbon dynamics in northern forests for reporting to the United Nations Framework Convention on Climate Change (UNFCCC)
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Hobie	Perry	United States	USDA Forest Service	Estimating forest floor carbon content in the United States
Forests and Climate Change	Monitoring soil carbon stocks and dynamics at variable spatial scales	Lizzie	Mujuru	Zimbabwe	Bindura University	Soil organic carbon and nitrogen sequestration over an age sequence of Pinus patula plantations in Eastern Highlands of Zimbabwe
Forests and Climate Change	General Poster Session	Tek	Maraseni	Australia	University of Southern Queensland	A comparative analysis of global stakeholders' perceptions of the governance quality of the CDM and REDD+
Forests and Climate Change	General Poster Session	George	Matusick	Australia	Centre of Excellence for Climate Change, Woodland and Forest Health, Murdoch University	Frost pocket effect results in severe canopy damage in a Mediterranean-type forest in southwestern Australia
Forests and Climate Change	General Poster Session	Adam	Moreno	Austria	University of Natural Resources and Life Sciences Vienna	A new European climate dataset
Forests and Climate Change	General Poster Session	Parvez	Rana	Bangladesh	UEF	Effect of field plot location on estimating tropical forest attributes of Nepal using ALS (Airborne Laser Scanning) data
Forests and Climate Change	General Poster Session	Julie	Morin-Rivat	Belgium	Univ. Liège - Gembloux Agro - Bio Tech	Knowing the past to anticipate the future: soil charcoal as a proxy to model the evolution of tropical forests

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Forests and Climate Change	General Poster Session	Faustin	ASSONGBA	Benin	Université d'Abomey-Calavi (UAC) / Faculté des Sciences Agronomiques, Laboratoire d'Ecologie Appliquée	Influence of climate change on the geographic distribution of <i>Dialium guineense</i> Willd. (Fabaceae) in Benin
Forests and Climate Change	General Poster Session	Gilbert	ATINDOGBE	Benin	Faculty of Agronomic Sciences, University of Abomey-Calavi	Assessment and identification of factors influencing deadwood in Benin
Forests and Climate Change	General Poster Session	Vinicius	Castro	Brazil	ESALQ/USP	Effect of water availability on the radial profile of wood density by X-ray densitometry for <i>Eucalyptus grandis</i> , at 36 months old in Brazil
Forests and Climate Change	General Poster Session	CAROLINE	CAUM	Brazil	UNESP - BOTUCATU	COMPARATIVE WOOD ANATOMY OF <i>Cordia trichotoma</i> (BORAGINACEAE) FROM SEEDS OF TWO PROVENANCES AND ANALYSIS OF ITS GROWTH RINGS
Forests and Climate Change	General Poster Session	Jose	Imana	Brazil	University of Brasilia	Structure diametric of one planted forest through probability density functions
Forests and Climate Change	General Poster Session	Aurélio	Lourenço Rodrigues	Brazil	Federal University of Paraná - UFPR	Influences of meteorological variables on the diametric growth of <i>Araucaria angustifolia</i> (Bertol.) O. Kuntze in Southern Brazilian Highlands
Forests and Climate Change	General Poster Session	Joseph Félix	KOUEDJI MONTHE	Cameroon	Action For Sustainable Development	Floristic diversity and Carbon stock in the northern part of the Lobéké National Park
Forests and Climate Change	General Poster Session	Weifeng	Wang	Canada	McGill University	Modeling legacies of harvest on carbon fluxes and stocks in northern temperate forests using an ecosystem model
Forests and Climate Change	General Poster Session	Qingwang	Liu	China	Institute of Forest Resources Information Techniques, CAF	The variations analysis of forest canopy closure estimated from airborne LiDAR data
Forests and Climate Change	General Poster Session	CHENGYI	ZHANG	China	National Climate Center, CMA	Establishment of complete daily time series of precipitation and its change characteristics during 1960-2010 in East Forest Region in China
Forests and Climate Change	General Poster Session	Li	Zhou	China	Institute of Applied Ecology, Chinese Academy Sciences	Changes in carbon density for three old-growth forests on Changbai Mountain, Northeast China
Forests and Climate Change	General Poster Session	Chiang	Wei	China - Taipei	Associate Research Fellow/ National Taiwan University Experimental Forest	Spatio-temporal distribution of rainfall at NTU Experimental Forest for climate change in central Taiwan
Forests and Climate Change	General Poster Session	JUI-CHU	YU	China - Taipei	THE EXPERIMENTAL FOREST National Taiwan University	Study of Litterfall dynamics of Xitou CO ₂ flux research site in Taiwan
Forests and Climate Change	General Poster Session	Omar	Melo Cruz	Colombia		Growth, biomass accumulation and functionality of <i>Gmelina arborea</i> (L.) Roxb, in climate change scenarios for Colombia.
Forests and Climate Change	General Poster Session	VICTOR	MENA	Colombia	UNIVERSIDAD TECNOLÓGICA DEL CHOCÓ	Allometric models for estimating aboveground biomass in secondary forests located in San Vicente de Chucuri, Santander, Colombia
Forests and Climate Change	General Poster Session	Jani	Laturi	Finland	Finnish Forest Research Institute	Modelling the Economics of the Reference Levels for Forest Management Emissions in the EU
Forests and Climate Change	General Poster Session	Jussi	Lintunen	Finland	Finnish Forest Research Institute	On the Economics of Forest Carbon: Renewable and Carbon Neutral But Not Emissions Free
Forests and Climate Change	General Poster Session	Anneli	Viherä-Aarnio	Finland	Finnish Forest Research Institute, Vantaa Unit	Variability of trend estimates of spring phenology in relation to time series length
Forests and Climate Change	General Poster Session	Antonello	Lobianco	France	INRA	Long term projections of the French forest assets under climatically-induced uncertainty
Forests and Climate Change	General Poster Session	Henning	Buddenbaum	Germany	Environmental Remote Sensing and Geoinformatics, Trier University	Measuring Photosynthesis of Beech Seedlings with Field Imaging Spectroscopy
Forests and Climate Change	General Poster Session	Mustafa	M. El-Abbas	Germany	Dresden university of Technology, Faculty of Environmental Sciences, Germany	Remote sensing, GIS and successive inventory for forest resource assessment in the Blue Nile region, Sudan
Forests and Climate Change	General Poster Session	Hodabalo	Pereki	Germany	Laboratory of Botany and Plant Ecology (University of Lome, Togo) and Hamburg University of Applied Sciences (Germany)	Tropical dry forests above-ground biomass measurements in West Africa, Abdoulaye Wildlife Reserve (Togo)
Forests and Climate Change	General Poster Session	Stefan M.	Stängle	Germany	Forest Research Institute Baden- Württemberg	Modelling bark thickness and volume for Norway spruce (<i>Picea abies</i> [L.] Karst) in SW-Germany

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Forests and Climate Change	General Poster Session	Johannes	Stoffels	Germany	Environmental Remote Sensing and Geoinformatics, Trier University	Perspectives of integrating multi-phenological and multi-sensory remote sensing data into operational forest management
Forests and Climate Change	General Poster Session	Emmanuel	Ebanyenle	Ghana	CSIR - Forestry Research Institute of Ghana, UPO 63, KNUST, Kumasi_Ghana	Effects of elevated atmospheric CO2 and / or O3 on wood density of paper birch and trembling aspen
Forests and Climate Change	General Poster Session	Jyotish Prakash	Basu	India	West Bengal State University, Barasat, Kolkata	Agroforestry and Climate Change An Empirical Study in Drought and Mountain regions of West Bengal, India
Forests and Climate Change	General Poster Session	Sujatha	Mangalappilly Parameswaran	India	Kerala Forest Research Institute	SOIL CARBON STORAGE POTENTIAL OF VARIOUS FOREST ECOSYSTEMS IN THE SOUTHERN WESTERN GHATS, INDIA
Forests and Climate Change	General Poster Session	Shama Jabeen	Mir	India	Forest Research Institute	Growing stock and soil vegetation interrelationship under Shisham (Dalbergia sissoo) and Eucalyptus (Mysore gum) plantations in north India
Forests and Climate Change	General Poster Session	Rahmawaty		Indonesia	University of Sumatera Utara	BIOMASS POTENTIAL AND CARBON FIXATION IN AGROFORESTRY SYSTEMS IN GUNUNG LEUSER NATIONAL PARK NORTH SUMATRA INDONESIA
Forests and Climate Change	General Poster Session	Reza	Akhavan	Iran	Research Institute of Forests and Rangelands, Tehran, Iran	Three Experiences of Geostatistics Application for Estimation and Mapping of Forest Stock in the Caspian Region of Northern Iran
Forests and Climate Change	General Poster Session	Maryam	Salehi	Iran	University of Tehran	The influence of forest tree mixture on the potential of carbon storage in Hyrcanian forest
Forests and Climate Change	General Poster Session	Ghavamudin	Zahedi Amiri	Iran	University of Tehran	Determination of soil carbon sequestration by using humic content in pure and mixed stands of beech in kheyroud forest/ Iran
Forests and Climate Change	General Poster Session	Azita	Binti Ahmad Zawawi	Japan	University of The Ryukyus	Estimating stand heights and crown structure of subtropical broadleaved forest using LIDAR data in Okinawa island, Japan
Forests and Climate Change	General Poster Session	Takafumi	Miyama	Japan	Forestry and Forest Products Research Institute, Japan	Nocturnal isoprene emission from deciduous trees in Japan
Forests and Climate Change	General Poster Session	Shem	Kuyah	Kenya	World Agroforestry Centre (ICRAF)	Estimating aboveground tree biomass in three different miombo woodlands and associated land use systems in Malawi
Forests and Climate Change	General Poster Session	Jaehong	Hwang	Korea, Republic of	Korea Forest Research Institute	Effects of open-field experimental warming using the infrared lamp on seed germination characteristics of major coniferous species in Korea
Forests and Climate Change	General Poster Session	SEUNG HYUK	LEE	Korea, Republic of	Biology / Kongju National University	Ecosystem service in Worak National Park, Korea - Net Ecosystem Production and Distribution of Organic carbon -
Forests and Climate Change	General Poster Session	Changyoung	Oh	Korea, Republic of	Korea Forest Research Institute	Changes in physiological responses of the Pinus densiflora and Quercus acutissima under elevated CO2 concentration
Forests and Climate Change	General Poster Session	Hyeon Cheol	Shin	Korea, Republic of	Southern Forest Resources Research Center, Korea Forest Research Institute	Cold tolerance assessment of Raphiolepis indica var. umbellata by predicting cold kill temperature and field planting test in South Korea
Forests and Climate Change	General Poster Session	Herimanitra Patrick	Rafidimanantsoa	Madagascar	Ecole Supérieure des Sciences Agronomiques - Water and Forestry Department	Forest aboveground biomass estimates in Madagascar: new insights from the use of wood specific gravity data
Forests and Climate Change	General Poster Session	Seca	Gandaseca	Malaysia	Universiti Putra Malaysia	Soil Carbon Storage in Different Species Dominance of Sarawak Mangrove Forest, Malaysia
Forests and Climate Change	General Poster Session	Oscar Alberto	Aguirre Calderón	Mexico	Facultad de Ciencias Forestales, U.A.N.L.	EVALUATION OF CARBON CONTENT IN FORESTS OF NORTH EASTERN MEXICO
Forests and Climate Change	General Poster Session	Tsogtbaatar	Jamsran	Mongolia	Institute of GeoEcology	A SPATIO-TEMPORAL ASSESSMENT OF FOREST COVER CHANGES IN MONGOLIA USING REMOTELY SENSED DATA
Forests and Climate Change	General Poster Session	JOSE ALAN	CASTILLO	Philippines	ECOSYSTEMS RESEARCH AND DEVELOPMENT BUREAU	BIOMASS AND CARBON SEQUESTRATION OF SELECTED NATURAL MANGROVE FORESTS IN THE PHILIPPINES
Forests and Climate Change	General Poster Session	Shierel	Vallesteros	Philippines	Nueva Vizcaya State University	Point to Surface Mapping of Selected Soil Properties using different Interpolation Techniques
Forests and Climate Change	General Poster Session	Nils	Henriksson	Sweden	Swedish university of agricultural sciences	A reversible alternative to girdling for reducing phloem carbon transport in carbon allocation studies.
Forests and Climate Change	General Poster Session	Bishnu	Poudel	Sweden	Mid Sweden University	Forest management scenarios and their effects on ecosystem services: modelling results from Sweden
Forests and Climate Change	General Poster Session	Jean-Michel	Roberge	Sweden	Swedish University of Agricultural Sciences (SLU)	Simulating the long-term effects of tree retention and forest set-asides on the availability of biodiversity structures at the landscape scale

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Forests and Climate Change	General Poster Session	Nicole	Suty	Sweden	Swedish University of Agricultural Sciences	New approach for extracting growth trends and climate information from radial increment of Scots pine and Norway spruce
Forests and Climate Change	General Poster Session	Sapit	Diloksumpun	Thailand	Kasetsart University	Teak (<i>Tectona grandis</i> Linn.f) Biomass and Carbon Stocks in FIO Thong Pha Phum Plantation, Western Thailand
Forests and Climate Change	General Poster Session	FOUSSENI	FOLEGA	Togo	The Key Laboratory for Silviculture and Conservation of Ministry of Education, Beijing Forestry University, Beijing100083, People's Republic of China.	Study on tropical sudanian area major agroforestry landscape pattern involvement in carbon sequestration balance in Togo
Forests and Climate Change	General Poster Session	Collins	Bulafu	Uganda	makerere university kampala	Structural changes are more important than compositional changes in driving biomass changes in Ugandan forest fragments.
Forests and Climate Change	General Poster Session	Lucía	Morales	United Kingdom	School of Environment, Natural Resources and Geography, Bangor University	Towards an understanding of shifting cultivation systems as a form of forest degradation
Forests and Climate Change	General Poster Session	Catherine	norris	United Kingdom	writtle college	Developing indicators of thermodynamic function in temperate forest ecosystems
Forests and Climate Change	General Poster Session	Warren	Cohen	United States	USDA Forest Service, Pacific Northwest Research Station	An Historically Consistent and Broadly Applicable MRV System Based on Lidar Sampling and Landsat Time-series
Forests and Climate Change	General Poster Session	Grant	Domke	United States	USDA Forest Service	Exploring options for the estimation of forest carbon stocks from 1990 to the present using the national forest inventory of the United States
Forests and Climate Change	General Poster Session	Humphrey	Kalibo	United States	University of Nebraska, Lincoln	Investigating the Interception of Photosynthetically Active Radiation (PAR) among Selected Deciduous Trees at Prairie Pines Preserve, Lincoln, NE
Forests and Climate Change	General Poster Session	Gregory S.	Latta	United States	Oregon State University	Evaluating additionality and leakage issues from voluntary participation in forest carbon offset programs
Forests and Climate Change	General Poster Session	Andrew	Lister	United States	USDA Forest Service FIA	The United States Government's SilvaCarbon Program: Technology Transfer for MRV Development
Forests and Climate Change	General Poster Session	Lisa	Samuelson	United States	Auburn University	Forest Carbon Stocks in Longleaf Pine Forests in the Southern United States
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Wenfei	Liu	China	Nanchang instiute of technology	The impacts of forest changes on flow regimes in the upper reach of Poyang River basin
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Ping	Zhou	China	Guangdong Academy of Forestry	Effect of forest changes on river discharge and sediment in a large scale watershed
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Aida	Bargués Tobella	Sweden	Swedish University of Agricultural Sciences (SLU), Department of Forest Ecology and Management, SE90183 Umeå, Sweden	Mind the gap: Trees can improve groundwater recharge in the seasonally dry tropics
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Pinar	Pamukçu	Turkey	Istanbul University	Prediction of Channel Erosion in Watersheds along Urban-Rural Transition
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Christopher	Anderson	United States	Auburn University	The effect of land use change on the ecosystem services provided by headwater wetlands in Alabama
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	John	Frank	United States	U.S. Forest Service	How much do bark beetles change the annual water cycle of a spruce-fir forest?
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Jason	Hubbart	United States	University of Missouri	Floodplain forest restoration: rethinking management legacies for flood mitigation and consumptive water use in flood prone lands
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Latif	Kalin	United States	Auburn University	Role of Land Use/Cover and Water Quality on West Nile Virus Incidence
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Mingfang	Zhang	China	University of Electronic Science and Technology of China	The hydrological responses to cumulative forest disturbances in six large watersheds, B.C. Interior, Canada
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Yuandong	Zhang	China	Chinese Academy of Forestry	The impact of forest vegetation change on water yield in the subalpine region of southwestern China
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Guoyi	Zhou	China	South China Botanic Garden, Chinese Academy of Sciences	Forest recovery on runoff and river discharge at different scales in subtropical area of China
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Nestor	Veas	Ecuador	CATIE	Using hydrological modeling to estimate erosion in a premontane primary rainforest. San Lorencito Watershed, Tilaran, Costa Rica.

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Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Daniel	Hawtree	Germany	Technische Universität Dresden / Università degli Studi di Padova	Model-Based Assessment of Land-Use / Land-Cover Change on Water Quality and Economic Outcomes in an Agricultural Watershed in North-Central Portugal
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Md. Mohitul	Hossain	Germany	MSc European Forestry Student, University of Freiburg	Water erosion vulnerability of upland watersheds under different forest covers in the Chittagong Hill Tracts, Bangladesh
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Hunggul Y.S.H	Nugroho	Indonesia	Forestry Research Institute of Macassar, Forestry Research and Development Agency, Indonesian Ministry of Forestry	WATERYIELD QUALITY AFTER LANDUSE CONVERSION
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Hatma	Suryatmojo	Indonesia	Faculty of Forestry, Gadjah Mada University.	Hydrological Investigations of Forest Disturbance and Land Cover Impacts in the Intensive Forest Management System
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Ismariah	Ahmad	Malaysia	Forest Research Institute Malaysia	PES : THE WATERSHED SERVICES OF TROPICAL FOREST
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Oyediran Olusegun	Oyebola	Nigeria	University of Ibadan, Ibadan, Nigeria	Spatial Characteristics of Physico-Chemical Parameters of a reservoir adjoined by Degraded Watershed Forest
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Nathaniel	Alibuyog	Philippines	Mariano Marcos State University	Predicting the hydrologic response of the Abra River basin to land use and climate changes using the SWAT model
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Kosmowska	Amanda	Poland	Department of Geomorphology, Institute of Geography and Spatial Management, Jagiellonian University	Short-term variability of the spring and stream water chemical composition in catchment with different antropopressure (Carpathian, southern Poland)
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Laura	Benegas	Sweden	Swedish University of Agricultural Sciences (SLU), Department of Forest Ecology and Management, SE90183 Umeå, Sweden.	Effects of trees on infiltrability and preferential flow in two contrasting cases in Central American tropics
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Natalie	Ceperley	Switzerland	Ecole Polytechnique Fédérale de Lausanne (EPFL)	Ecohydrology of a (small) mixed-savanna mixed purpose catchment in Burkina Faso
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Dokrak	Marod	Thailand	Kasetsart University	Interaction on Land Use Changes to Hydrological Characteristics of Mae Klong Head Watershed, western Thailand
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	ABDULLAH EMIN	AKAY	Turkey	Kahramanmaras Sutcu Imam University	Analysis of Land Use/Land Cover Changes on Riparian Area due to Urbanization Effects in a Dam Watershed in Kahramanmaras, Turkey
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Betül	Uygur	Turkey	Istanbul University, Faculty of Forestry	Quantification of water related ecosystem services in watershed planning
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Kevin	Bishop	United States	Swedish University of Agricultural Sciences (SLU)	Forests and the Hydrological Regime: What can we tell policy-makers about how changing tree cover influences runoff
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Ian	Housman	United States	US Forest Service	Using forest landcover disturbance detection as a proxy for monitoring water quality in the Lake Michigan and Superior Basins
Forest and Water Interactions	127 Land Use/Land Cover Change and hydroecology: Consequences at variable spatial scales.	Latif	Kalin	United States	Auburn University	Flood Generating Areas: How much is Land Use/Cover Responsible?
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Antonio D	Del Campo	Spain	Universidad Politécnica de Valencia	Bringing water quantification into the management of semiarid forests: a need for implementing adaptive silviculture and watershed services programs
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Guiomar	Ruiz-Pérez	Spain	Research Institute of Water and Environmental Engineering, Universitat Politècnica de València, Spain	Mediterranean vegetation-water interactions: a model comparison at different scales
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Juan Carlos	Santamarta	Spain	Escuela Técnica Superior de Ingeniería Agraria	Evaluation of hydrological parameters in forest soil of volcanic areas
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Ferhat	Gokbulak	Turkey	Istanbul University	Thinning Effect on Monthly Runoff in a Forested Watershed
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Hayati	Tekin	Turkey	General Directorate of Forestry (OGM)	Improvement of Forest Management towards Optimizing Water Production in Marmara Region of Turkey
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Betül	Uygur	Turkey	Istanbul University, Faculty of Forestry	Timber harvest effect on selected physical water characteristics in a forested watershed

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Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	lining	Song	China	Institute of Applied Ecology, Chinese Academy of Sciences	Isotopic analysis of water uptake of Pinus sylvestris var. mongolica trees in a semiarid sandy region of Northeast China
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	serpil	acarturk	Turkey	Ministry of Forestry and Water Affairs	INTEGRATED WATERSHED REHABILITATION WORKS AND MAIN PROJECTS IN TURKEY
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Semih	EDIS	Turkey	Cankiri Karatekin University	ANALYSIS OF LOW FLOWS IN SEMI-ARID WATERSHEDS, CASE STUDY: CENTRAL ANATOLIA, TURKEY
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	Bayram	Hopur	Turkey	Kradeniz Technical University / Ministry of Forestry and Water Affairs	A KEY PROJECT ON CLEAN WATER PRODUCTION: ANATOLIA WATERSHED REHABILITATION PROJECT
Forest and Water Interactions	18 Hydroecological studies in the Mediterranean region	ibrahim	Yurtseven	Turkey	Istanbul University, Faculty of Forestry	Trends of Long Term Precipitation And Runoff Data in Two Watersheds Covered with Oak-Beech Forest Ecosystems
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Herve	PIEGAY	France	CNRS	Riparian forest conservation and restoration: a few examples from Eastern France
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Paul	Anderson	United States	USDA Forest Service	Streamside buffers moderate effects of forest thinning on riparian microclimates and stream temperatures in western Oregon, USA
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Colden	Baxter	United States	Idaho State University	Toward a spatial ecology of stream-riparian food webs to inform riparian management that will sustain biodiversity
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Kathleen	Dwire	United States	USDA Forest Service Rocky Mountain Research Station	Fuels and fuel-reduction treatments in riparian conifer forests: challenges of maintaining streamside and aquatic habitats
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Christopher	Frissell	United States	Flathead Lake Biological Station, Univ. of Montana (Affiliate Faculty)	Riparian Buffer Design for Control of Nutrient Pollution from Forest Management
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Malcolm	North	United States	USFS PSW Research Station	Historic and current fire patterns in Sierra Nevada riparian forests
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Deanna	Olson	United States	US Forest Service	Climate change and forest thinning with riparian buffers: relationships to shrinking headwater stream habitat
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Michael	Pollock	United States	National Oceanic and Atmospheric Administration	Does thinning restore late-successional forest structure?
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	John	Stella	United States	SUNY College of Environmental Science and Forestry (SUNY-ESF, Syracuse)	The critical role of fluvial disturbance for riparian forest development along large rivers in dry regions (California, USA)
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Jorge	Martin-Garcia	Spain	University of Valladolid - Sustainable Forest Management Research Institute	THE ROLE OF POPLAR PLANTATIONS ON BIODIVERSITY IN RIPARIAN LANDSCAPES
Forest and Water Interactions	238 Sustaining riparian biodiversity and ecosystem services in a changing climate	Mary	Rowland	United States	USDA Forest Service, PNW Res. Station	Effects of Wild Ungulate Herbivory on Riparian Restoration for Salmonids
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Md. Wasiul	Islam	Bangladesh	Khulna University	Prospects of Strengthening Social Forestry in the Coastal Areas through Introducing Mangrove Species at Shyamnagar Upazila in Satkhira District, Bangladesh
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Thinn	Thinn	Japan	ASAFAS, Kyoto University	Local Mangrove Forest Management of Cyclone-Affected Areas in Myanmar
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Seca	Gandaseca	Malaysia	Universiti Putra Malaysia	Botanical Surveys in Awat-Awat Mangrove Forest, Sarawak, Malaysia
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	HONORATO	PALIS	Philippines	ECOSYSTEMS RESEARCH AND DEVELOPMENT BUREAU	SUSTAINABLE STANDING CROP TANBARK HARVEST METHOD FOR CERIOPS TAGAL (PERR) C.B. ROBINSON
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Nelson Manguiat	Pampolina	Philippines	University of the Philippines Los Baños	Species and Functional Diversity of Mangrove Forest for Conservation Planning of Alibijaban Wilderness Island in San Andres Quezon, Philippines
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Deepani	Alawathugoda	Sri Lanka	Forest Department, Sri Lanka	Restoration of mangrove ecosystem in abandoned shrimp ponds in Sri Lanka: A case study
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Abdala	Liingilie	Tanzania	World Agroforestry Centre-Tanzania	Impacts of salt making activities on Mangrove Ecosystem in Lindi Municipal, Tanzania
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Tanushree	Biswas	United States	RSAC	Monitoring forest change analyzing change in resistant Z-score using Landsat data : case studies from Bangladesh and Montana

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Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	A.S.M. Helal Uddin	Ahmed Siddiqui	Bangladesh	Bangladesh Forest Research Institute	Cumulative Effect of Climate Change and Pathological Causes on Degradation of Major Tree Species in the Sundarbans.
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Md. Mizanur	Rahman	Bangladesh	Chairman, Co-management council, Chandpai-IPAC, Sundarbans	Impact of Climate Change on the Nypa Palm of Sundarbans
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Md Shawkat Islam	Sohel	Bangladesh	Christian-Albrechts-University of Kiel, Germany	Ecohydrology: A framework for overcoming the environmental impacts of shrimp aquaculture on the mangrove forest areas of Bangladesh
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Emmanuel	SUKA	Cameroon	Ministry of Environment, Protection of Nature and Sustainable Development	Effects of Climate Change on Coastal Forest Ecosystems and Marine Environment of Cameroon
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Chonglu	Zhong	China	Professor, Research Institute of Tropical Forestry, Chinese Academy of Forestry	Selection of provenance/ family/ clone for casuarina shelter forests on degraded lands along coastal areas in China
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Juan	Yumar	Cuba	Forestry Research Institute	Importancia de la protección de Rhizophora mangle para las comunidades costeras, ante la acción de ciclones tropicales.
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Debjyoti	Chatterjee	India	Institute of Wood Science & Technology, Malleswaram P.O., Bangalore 560 003, India	Pollination entomology of <i>Avecinnia officinalis</i> L. - a major mangrove plant in Karnataka coast, India
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Remadevi	O.K.	India	Institute of wood science and technology, 18th cross, Malleswaram P.O., Bangalore 560 003, Karnataka, India	Insect plant relationships and the role of insects in mangrove conservation
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Binsar Liem	Sihotang	Indonesia	International Forestry Students' Association (IFSA), Universitas Gadjah Mada - Indonesia	LOCAL COMMUNITY INITIATIVE IN PRESERVING THE SUSTAINABILITY OF MANGROVE FOREST ECOSYSTEM AT KALITOKO, MAYALIBIT, RAJA AMPAT, WEST PAPUA - INDONESIA
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Esmail	Kouhgard	Iran	Forestry Dept., Bushehr branch Islamic Azad University, Bushehr, Iran	Site conditions of Grey mangrove (<i>Avicennia marina</i>) at Nayband National Marine Park
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Kanji	Mizutani	Japan	Forestry and Forest Products Research Institute	A proposed coastal pine reforestation model on the Great East Japan Earthquake
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Raja Barizan	Raja Sulaiman	Malaysia	Forest Research Institute Malaysia (FRIM)	A SUCCESS MODEL FOR REHABILITATING ERODED COASTAL MANGROVES IN PENINSULAR MALAYSIA USING INNOVATIVE PLANTING TECHNIQUES
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	Gloria Isela	Hernandez-Melchor	Mexico	Colegio de Postgraduados	Implementation of the systems approach in the analysis of mangrove deforestation in Tabasco, Mexico
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	LEAH	ENDONELA	Philippines	University of the Philippines Los Banos	Lateral Root and Shoot Formation in <i>Rhizophora styloza</i> Griff. (<i>Rhizophoraceae</i>) Geared Towards Effective Mangrove Conservation and Management in the Philippines
Forest and Water Interactions	255. Ecology and management of coastal forests and mangroves	LEAH	ENDONELA	Philippines	University of the Philippines Los Banos	Lateral Root and Shoot Formation in <i>Rhizophora styloza</i> Griff. (<i>Rhizophoraceae</i>) Geared Towards Effective Mangrove Conservation and Management in the Philippines
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Richard	Harper	Australia	Murdoch University	Optimising water co-benefits from forest carbon mitigation
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Geoff	Stoneman	Australia	Department of Parks and Wildlife	Long-term response of streamflow and groundwater to timber harvesting and declining rainfall in a small forest catchment in south-western Australia
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Bilasse	Zongo	Burkina Faso	Laboratory of Biology and Ecology of Plants/University of Ouagadougou	Forestry reserves and the regulation of water quality and algae structure of ponds in a sub-saharan region of Africa
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Oscar	Abelleira Martinez	Costa Rica	University of Idaho and CATIE	Quantifying tradeoffs between water use and carbon sequestration in Costa Rica's seasonally-dry forests to inform Payments for Ecosystem Service programs.
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	SITI AISAH	SHAMSUDDIN	Malaysia	FOREST RESEARCH INSTITUTE MALAYSIA	Water Yield and Stormflow Characteristics after Establishment of <i>Hopea odorata</i> Forest Plantation in a Small Forested Catchment in Peninsular Malaysia

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Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Hjalmar	Laudon	Sweden	SLU	Intensified forestry in Sweden: How will it affect the sustainability of forest soils and waters?
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Johanna	Lundström	Sweden	Swedish University of Agricultural Sciences	Long-term forest planning taking stream water quality into consideration
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Giuliana	Zanchi	Sweden	Lund University	MODELLING THE EFFECTS OF FOREST MANAGEMENT ON WATER QUALITY IN SWEDEN
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Regan	Suzuki	Thailand	RECOFTC - The Center for People and Forests	Forests and water: Contemporary science and its relevance for community forestry in the Asia-Pacific region
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Thomas	Brown	United States	Rocky Mountain Research Station	Importance of Forests to Water Quality in the United States
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Peter	Robichaud	United States	US Forest Service	After The Smoke Clears: Evaluating Post-fire Erosion Risk and Rehabilitation Options
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Sarah	Schwab	United States	Stephen F. Austin State University	In-Stream E-Coli Bacteria Loading From Forest and Pasture Land Uses in the Attoyac River, East Texas, USA
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Jie-Sheng	Tan-Soo	United States	Duke University	Conversion of Tropical Rainforests to Oil Palm and Rubber Increased Flooding in Peninsular Malaysia
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	RONALDO	MAGALHÃES	Brazil	INSTITUTO ESTADUAL DE FLORESTAS DE MINAS GERAIS - IEF	THE IMPORTANCE OF FOREST TO CONSERVATION OF WATER - AN ECONOMIC APPROACH
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Lara	Melo	Brazil	Universidade Federal do Paraná	Environmental Fragility of the Iguaçú River Watershed, Paraná, Brazil
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Rosemeri	Moro	Brazil	UEPG	RIPARIAN FORESTS IN PITANGUI RIVER: A HIGH HETEROGENEOUS LANDSCAPE AT SOUTH BRAZIL
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Barry	White	Canada	Government of Alberta	Enabling environmental excellence in Alberta through LiDAR derived wet areas mapping
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	samuel	francke	Chile	conaf	Soil and water conservation practices and their Interactions, have an outstanding effect on Pinus radiata plantations productivity of site on granitic eroded soils in central Chilean zone, Watershed Maule River
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Carolina	Ojeda	Chile	universidad de valparaíso	Geomorphology, urban expansion, landscape and natural risks in Reñaca Stream Basin, Chile
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Hongxu	Wei	China	Northeast Institute of Geography and Agricultural Ecology, Chinese Academy of Sciences	Newly transplanted Larix olgensis Henry stock with greater root biomass has higher early nitrogen flux rate
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	María Angélica	Palomino	Colombia	Universidad Santo Tomás	HYDRO-MORPHOLOGICAL INDEX AND TROPIC STATUS APPLIED TO URBAN WATERSHED MANAGEMENT IN A VOLUNTEER STREAM MONITORING EXERCISE
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Jean Francois	LeCoq	Costa Rica	CIRAD	Science – Stakeholders dialogue for climate change adaptation: Building a conceptual model of actor/ resource interaction to generate a shared understanding of landscape dynamics
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Karem	Rivero	Dominican Republic	Instituto Tecnológico de Santo Domingo	Environmental governance and socioeconomic contributions of the provision of water-related ecosystem services in the Model Forests of Yaque del Norte, Dominican Republic
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	DANIEL	ETONGO	Finland	Viiikki Tropical Resources Institute, Helsinki University	Watershed Degradation in the Ndiain Basin Area of the South West Region of Cameroon: Implication for Development and Livelihoods
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Tiina M.	Nieminen	Finland	Finnish Forest Research Institute	Forest management on acid sulfate soils and water protection
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Julien	Fiquepron	France	CNPF/IDF	Forest practices for drinking water: an efficient way to produce cheap, high quality drinking water
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	SANJAY	SHARMA	India	SCHOOL OF ENERGY & ENVIRONMENTAL STUDIES [DEVI AHILYA UNIVERSITY], INDORE, MADHYA PRADESH	Assessment of Using Forest to Protect & Provide Clean Water Supply In India

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Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	BUDI HADI	NARENDRA	Indonesia	Research and Development Center for Conservation and Rehabilitation, Ministry of Forestry, Indonesia	Restoring the eco-hydrological function of the forest on a small karst island: case study on Nusa Penida Island, Bali (Indonesia)
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Siti Nurhidayu	Abu Bakar	Malaysia	Faculty of Forestry	Hydro-geomorphic disturbance and recovery in a 20-year time-series from a selectively-logged catchment near Danum Valley, Malaysian Borneo
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	ISRAEL	CANTU SILVA	Mexico	UNIVERSIDAD AUTONOMA DE NUEVO LEON	Interception loss, Throughfall and Stemflow in Tamaulipan Thornscrub at Species Level, Northeastern Mexico
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Patricia	Hernández-de la Rosa	Mexico	Colegio de Postgraduados	PRIORITY AREAS FOR WATER RECHARGE IN TEMPERATE FOREST ECOSYSTEMS IN MEXICO
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Stanislaw	Malek	Poland	University of Agriculture in Krakow, Forest Faculty, Department of Forest Ecology	The effect of plant cover on alimentation areas on spring water chemistry in South of Poland
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Urša	Vilhar	Slovenia	Slovenian Forestry Institute	Is forest type affecting throughfall during extreme precipitation events?
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Anneli	Ågren	Sweden	Swedish University of Agricultural Science	Towards optimized buffer zones - digital terrain indices as a tool for predicting the most sensitive areas
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	serpil	acarturk	Turkey	Ministry of Forestry and Water Affairs	A KEY PROJECT ON SOIL REHABILITATION AND RURAL DEVELOPMENT: ANATOLIA WATERSHED REHABILITATION PROJECT
Forest and Water Interactions	256. Managing forests and forest uses to protect and provide clean water	Marek	Matyjasik	United States	Weber State University	Effects of historic forest disturbance on water quality and flow in the Interior Western US
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Xiaohua	Wei	Canada	University of British Columbia	Alteration of flow regimes caused by large-scale forest disturbances and its ecological implications
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Yanhui	Wang	China	The Research Institute of Forest Ecology, Environment and Protection, The Chinese Academy of Forestry, Wan-Shou-Shan, 100091 Beijing, China	Rational density for balancing the water yield and other services of larch plantation in Liupan Mountains of Northwest China
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Daniel	Hawtree	Germany	Technische Universität Dresden / Università degli Studi di Padova	The Hydrologic Impacts of Long-Term Afforestation in an Upland Watershed in North-Central Portugal
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Venkatesh	Basappa	India	Scientist, National Institute of Hydrology	IMPACT OF LAND USE CHANGE ON RUNOFF AND SOIL MOISTURE - A CASE STUDY FROM WESTERN GHATS REGIONS OF INDIA
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	KOICHIRO	KURAJI	Japan	The University of Tokyo	Seventy-seven years variation of annual evapotranspiration in small watershed with the forest restoration and succession on denuded hills
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Kevin	Bishop	Sweden	Swedish University of Agricultural Sciences (SLU)	Forests, land use change and the water regime over half a century in the Blue Nile Basin of Ethiopia
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Jason	Hubbart	United States	University of Missouri	Effects of contemporary harvest practices on water yield and snowpack dynamics in the continental-maritime region of the USA
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	John	Yarie	United States	Dept of Forest Science, Univ of Alaska Fairbanks	Ecosystem dynamics controlled by the seasonal distribution of precipitation in forests of Interior Alaska
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	LEIDIMARI	NEVES DO PRADO	Brazil	UNIVERSIDADE FEDERAL DO PARANÁ	FINANCIAL COMPENSATION THROUGH DESPONDENCY PERCENTAGE OF EROSION AND SEDIMENTATION IN A WATERSHED - SANTA CATARINA - BRAZIL
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Pengsen	Sun	China	Chinese Academy of Forestry	Responses of vegetation activity and water balance to changing climates in sub-alpine large-scale watershed of south-east Tibetan plateau
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Jianchu	Xu	China	World Agroforestry Center	Climate change, vegetation restoration and engineering as a 1:2:1 explanation for reduction of suspended sediment in China
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Lihong	Xu	China	The Research Institute of Forest Ecology, Environment and Protection, The Chinese Academy of Forestry, Wan-Shou-Shan, 100091 Beijing, China	Spatio-temporal variability of reference evapotranspiration in Jing River Basin, Northwest China

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Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Pengtao	Yu	China	The Research Institute of Forest Ecology, Environment and Protection, The Chinese Academy of Forestry, Wan-Shou-Shan, 100091 Beijing, China	A quantitative analysis of hydrological variability associated with afforestation of degraded croplands in South China
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Nuzhat	Qazi	India	Forest Research Institute	FOREST INFLUENCE ON RAINFALL-RUNOFF RELATIONSHIP FROM PAIRED MICRO-WATERSHEDS OF GARHWAL HIMALAYAS, INDIA
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Mie	Gomyo	Japan	Forestry and Forest Products Research Institute	Long-term variation of coefficients of peak discharge in a small watershed, in association with forest restoration and succession on denuded hills
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Hyung Tae	Choi	Korea, Republic of	Korea Forest Research Institute	Impacts of Reforestation of Denuded Land on the Streamflow Regime in a Weathered Granite Mountain Area
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Daniel	Núñez-López	Mexico	Universidad Autónoma de Nuevo León	Long-Term Drought Reconstruction in the Mountain Zone of the Río Bravo Basin
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Lars	Högbom	Sweden	Skogforsk (The Forestry Research Institute of Sweden)	Mitigating effects on run-off chemistry after final felling using forest buffers.
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Timothy	Link	United States	University of Idaho	The Mica Creek Project: A comprehensive assessment of environmental effects of contemporary harvest practices in the interior Pacific Northwest, USA
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Jami	Nettles	United States	Weyerhaeuser Company	Paired Catchment Experimental Methodology: A Critique
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Jami	Nettles	United States	Weyerhaeuser Company	Water volume and sediment impacts of forest-based biomass site preparation and planting
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Fred	Ogden	United States	Univ. of Wyoming	Agua Salud Project: Tropical Research in Land Use Dependent Hydrological Ecosystem Services
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Matthew	Vadeboncoeur	United States	University of New Hampshire	Examining drivers of long-term trends in evapotranspiration in forested small catchments in the northeastern USA
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Joseph	Wagenbrenner	United States	Michigan Technological University	Effects of wildfire on storm hydrographs
Forest and Water Interactions	257. Long-term watershed studies: What have we learned about eco-hydrological functioning	Liang	Wei	United States	University of Idaho	Long-term changes in climate, forest vegetation, and streamflow in the Priest River Experimental Forest, northern Idaho
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Edivaldo	Thomaz	Brazil	Soil Erosion Laboratory, Department of Geography, Universidade Estadual do Centro-Oeste – UNICENTRO, Guarapuva-Paraná-Brazil	Plot-scale hydro-geomorphological response on gravelly roadbed, a case study from southern Brazil
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	ALAN D	ZIEGLER	Singapore	Geography Department, National University Singapore	Aquatic and Terrestrial Impacts Associated with Elephant Trails in Northern Thailand
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Tom	Black	United States	US Forest Service	The Relationship Between Forest Roads and Aquatic Habitat Conditions in Western Montana, USA
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Charles	Luce	United States	US Forest Service Research	Assessing Controls on Sediment Delivery from Forest Roads
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Lee	MacDonald	United States	Colorado State University	Road Sediment Production and Delivery: Effects of Management Activities and Climate Change
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Nathan	Nelson	United States	US Forest Service	GRAIP-Lite: A Tool for Large Scale Assessment of Road Erosion
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Carlos	Ramos-Scharron	United States	The University of Texas-Austin	An unusual suspect- The threat posed by unpaved roads to coral reefs of the Eastern Caribbean
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Elyas	Hayati	Iran	PhD student of Forest Engineering, University of Tehran	The impact of ground based timber harvesting on soil hydrophysical properties: A case study in Hyrcanian Forest
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	manije	Talebi	Iran	University of Tehran	Quantitative and qualitative investigation of road construction standards in Arasbaran forest, Iran
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Hiroko	Muneoka	Japan	Forestry and Forest Products Research Institute	Water and sediment behavior on rolled grade roads

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Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Tom	Black	United States	US Forest Service	Monitoring the Hydrologic and Geomorphic Effects of Forest Road Decommissioning and Road Improvements
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Carlos	Ramos-Scharron	United States	The University of Texas-Austin	Quantification and Modeling of Foot Trail Surface Erosion in a Dry Sub-Tropical Forest Setting in the Eastern Caribbean
Forest and Water Interactions	36 Impacts of forest roads on water resources and aquatic habitat	Gabriel	Sosa-Perez	United States	Colorado State University	Effectiveness of Road Decommissioning
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Maria Elena	Fernandez	Argentina	CONICET- INTA EEA Balcarce, Of. Tandil	Unraveling the adaptive meaning of wood in Eucalyptus species
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Stefan	Arndt	Australia	The University of Melbourne	Hydraulic and ecophysiological traits related to tree drought mortality are linked to the aridity of the environment in eucalypts
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Gregor	Sanders	Australia	The University of Melbourne	Do leaf adaptations to low water potential influence isohydric or anisohydric responses in a widely distributed genus?
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Rodrigo	Hakamada	Brazil	University of São Paulo	Growth, water use and water use efficiency of Eucalyptus under different spacings and genotypes
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Sergio	Espinoza	Chile	Catholic University of Maule	Variability in biomass partitioning, growth and survival under water stress in seedlings from two populations and three breeding generations of Pinus radiata in Chile
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Jean-Paul	Laclau	France	CIRAD, UMR Eco&Sols	Potassium and sodium supply effects on the adjustments to water deficit of Eucalyptus grandis trees: insights from a throughfall exclusion experiment in Brazil
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Tomasz	Czajkowski	Germany	Thünen Institute of Forest Ecosystems	What is the lethal dose of 'physiological drought' for forest trees? – the L50SWD concept
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Anke	Jentsch	Germany	University of Bayreuth	Species response to drought and late frost is affected by within species diversity
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	David	Montwé	Germany	Albert-Ludwigs-Universität Freiburg, Institute of Forest Sciences, Chair of Forest Growth	Identifying drought resistant lodgepole pine genotypes for a changing climate: growth and hydraulic response observed in genetic field trials
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Lucy	Amissah	Ghana	CSIR-Forestry Research Institute of Ghana	The performance of ten Ghanaian tree species in response to drought and shade
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Francesco	Ripullone	Italy	University of Basilicata	OAK FOREST DECLINE IN MEDITERRANEAN ENVIRONMENT: UNDERSTANDING THE LINKAGE OF CLIMATIC DRIVERS TO PHYSIOLOGICAL AND DENDRO-ANATOMICAL VARIATIONS
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Henry	Adams	United States	Los Alamos National Laboratory	The physiology of tree mortality from drought.
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Adam	Collins	United States	Los Alamos National Lab	Response of pinon and juniper respiration to drought and warming
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Alison	Macalady	United States	University of Arizona	Defense allocation patterns are important to the drought-mortality risk of a semi-arid conifer
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Frederick	Meinzer	United States	USDA Forest Service	Coordinated adjustments in xylem hydraulic safety, efficiency and capacitance across climatic gradients and axial gradients within trees
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Jeremiah	Pinto	United States	USDA Forest Service	Seedling establishment limited by water availability: understanding spatial and temporal limitations to maximize outplanting success
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Jose	Stape	United States	North Carolina State University	Tolerance of Eucalyptus clones to hydric, thermal and biotic stress across sites, stockings and rain-exclusion regimes
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Michael	Grabner	Austria	University of Natural Resources and Life Sciences BOKU Vienna	The influence of drought on the density of different softwood species and provenances grown in Eastern Austria.
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Francois	Ridremont	Belgium	ULg - GxABT - GRFMN	Relevance of pedotopographical indicators in the assessment of spatial distributions of soil depth and soil water resources under forest stands
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Francois	Ridremont	Belgium	ULg - GxABT - GRFMN	Relevance of Lidar canopy and relief indicators in the assessment of spatial distributions soil water resources under forest stands
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Guillaume	Tenekwetché Sop	Burkina Faso	University of Ouagadougou and Biocentre Klein Flottbek - University of Hamburg	What drives the increasing of Balanites aegyptiaca and Acacia seyal stands in the Sahel of Burkina Faso??

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Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Liangyi	Rao	China	Beijing Forestry University	Research on Potential Evapotranspiration Estimation of Poplar Plantations in North China Plain
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Dapao	Yu	China	Institute of Applied Ecology, Chinese Academy of Sciences	Formation mechanism of alpine treeline on Changbai Mountain, Northeast China: testing the sink-limitation hypothesis in <i>Betula ermanii</i> growth
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Yigremachew	Seyoum	Ethiopia	Ethiopian Institute of Agricultural Research	Water acquisition and utilization patterns among three coexisting functional types of trees in a tropical montane forest
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Joachim	Hill	Germany	Environmental Remote Sensing and Geoinformatics, Trier University, Germany	An Idea of Things to Come: Using Satellite Observations for Assessing Site-Specific Sensitivities of European Beech to Excessive Drought Conditions
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Chandra	bala	India	School of Environmental Sciences, Jawaharlal Nehru University	Seasonal variations in plant water relations of Lantana and co-occurring shrubs in semi-arid region
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Claudia	Cocozza	Italy	Department Bioscience and Territory - University of Molise	Climate signals derived from day-to-day analysis: climate sensitivity of <i>Picea abies</i> in Northern Italy (Trentino – Eastern Alps)
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Nicola	La Porta	Italy	The EFI Project Centre on Mountain Forests (MOUNTFOR), Edmund Mach Foundation,	<i>Cephalcia arvensis</i> defoliation on Norway spruce: a case study analysis by tree-rings and stable isotopes approach
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Jun	TESHIROGI	Japan	Organization for Landscape and Urban Green Infrastructure	A Comparative Study on Evapotranspiration of the Same trees in Urban Forests and Individual tree using Lysimeter method
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Changyoung	Oh	Korea, Republic of	Korea Forest Research Institute	Genotypic differences in physiological responses of <i>Pinus densiflora</i> to drought under different soil fertility
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Natalia	Castelán Muñoz	Mexico	Agricultural Sciences Graduate College, Montecillo	Effect on chlorophyll fluorescence in seedlings of four families of <i>Pinus leiophylla</i> under drought and recovery
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	HUMBERTO	GONZALEZ RODRIGUEZ	Mexico	UNIVERSIDAD AUTONOMA DE NUEVO LEON	Seasonal and Diurnal Water Relations in four Native Shrubs, Northeastern Mexico
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Marilyn	Combalicer	Philippines	University of the Philippines Los Baños	Evaluating the Water Use Efficiency of Selected Plantation Species in the Philippines
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Viacheslav	Kharuk	Russian Federation	Sukachev Institute of Forest	SIBERIAN PINE MORTALITY IN SOUTHERN SIBERIAN MOUNTAINS
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Ľubica	Ditmarová	Slovakia	Institute of Forest Ecology - Slovak Academy of Sciences	Effect of drought on physiological and growth processes of selected beech and spruce provenances in Central Europe
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Antonio D	Del Campo	Spain	Universidad Politécnica de Valencia	The influence of thinning on tree-water relations in an Aleppo pine forest in Valencia, Spain
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Sapit	Diloksumpun	Thailand	Kasetsart University	Eddy-Covariance-Based Estimates of Carbon Balance in Two Tropical Seasonal Forests in Thailand
Forest and Water Interactions	80 Conceptual frames and research strategies for integrated studies of adaptation to drought	Robert	DeRose	United States	USFS Rocky Mountain Research Station	Using Inventory-based Tree-ring Data as a Proxy for Historical Climate: Investigating the Pacific Decadal Oscillation and Teleconnections
Forest and Water Interactions	86 Role of disturbance in maintaining and stimulating aquatic biological diversity in temperate forest ecosystems	David	Kreutzweiser	Canada	Natural Resources Canada, Canadian Forest Service	Emulating Natural Disturbance in Riparian Forests to Enhance Shoreline and Aquatic Biodiversity
Forest and Water Interactions	86 Role of disturbance in maintaining and stimulating aquatic biological diversity in temperate forest ecosystems	Dan	Moore	Canada	University of BC	The post-wildfire response of Fishtrap Creek, British Columbia: lessons for Emulation of Natural Disturbance as a forest management approach
Forest and Water Interactions	86 Role of disturbance in maintaining and stimulating aquatic biological diversity in temperate forest ecosystems	Takashi	Gomi	Japan	Tokyo University of Agriculture and Technology	How does confounding impacts of flood and forest thinning alter benthic macroinvertebrate community in Japanese headwater streams
Forest and Water Interactions	86 Role of disturbance in maintaining and stimulating aquatic biological diversity in temperate forest ecosystems	Iraima	Verkaik	Spain	Departament d'Ecologia. Universitat de Barcelona.	Effects of wildfire on stream macroinvertebrate assemblages in three biomes: do climate and hydrology mediate responses?
Forest and Water Interactions	86 Role of disturbance in maintaining and stimulating aquatic biological diversity in temperate forest ecosystems	Alba	Argerich	United States	Oregon State University	Aquatic responses to forest disturbances: stream chemistry from USFS Experimental Forests
Forest and Water Interactions	86 Role of disturbance in maintaining and stimulating aquatic biological diversity in temperate forest ecosystems	Colden	Baxter	United States	Idaho State University	The role of wildfire in stream-riparian ecosystems: a synthesis from Idaho's Salmon River basin with forest management applications

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Forest and Water Interactions	86 Role of disturbance in maintaining and stimulating aquatic biological diversity in temperate forest ecosystems	Robert	Danehy	United States	NCASI	Natural and anthropogenic disturbance influences on aquatic biological diversity in Western Oregon
Forest and Water Interactions	General Poster Session	Elenice	Fritzsons	Brazil	Embrapa Florestas	FLUVIAL WATER QUALITY AND FOREST COVER IN SOUTHERN BRAZIL
Forest and Water Interactions	General Poster Session	Vinicius	Guidotti de Faria	Brazil	Luiz de Queiroz Agriculture School University of Sao Paulo	Effects of different harvesting scenarios in a Brazilian eucalyptus catchment
Forest and Water Interactions	General Poster Session	MÁRCIA	TOFFANI SIMÃO SOARES	Brazil	EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA - EMBRAPA	Hydro-climatic variation and its interactions with landscape units in the Brazilian Pantanal, South America
Forest and Water Interactions	General Poster Session	Lorena	Vilugrón	Chile	Bosque Modelo Araucarias Alto Malleco	Water for development in a forest territory of Southern Chile: confronting biophysical abundance and legal scarcity within shared conceptual representations.
Forest and Water Interactions	General Poster Session	Lixin	Chen	China	Beijing Forestry University	Environmental Responses and Biophysical Controls over Transpiration by Stands/Trees subject to Urban, Suburban and Semi-arid Environmental Conditions
Forest and Water Interactions	General Poster Session	Elemer	Briceño	Costa Rica	Instituto Tecnológico de Costa Rica	Studying deep root dynamics with Disaggregation Modelling using SIMILE: Fine root dynamics for an east central Amazonian moist tropical forest.
Forest and Water Interactions	General Poster Session	Abigail	Fallot	Costa Rica	CIRAD-Green and CATIE-CCC	Participatory modeling to better assess the links between water quality and deforestation: an experience in Chiquitania, Bolivia.
Forest and Water Interactions	General Poster Session	Alexander	Roell	Germany	Tropical Silviculture and Forest Ecology, Georg-August-Universität Göttingen	Forest vs. oil palm: the differences in plant water use
Forest and Water Interactions	General Poster Session	Kshitij	Malhotra	India	Project Assistant/ICFRE	MULTIPLICATION OF ELAEOCARPUS GANITRUS ROXB. THROUGH ROOTER STRAND BY AIR LAYERING: A WATER EFFICIENT METHOD OF TREE PROPAGATION
Forest and Water Interactions	General Poster Session	Chen-Wei	Chiu	Japan	Kyushu University	Stand transpiration estimated by sap flow measurements in a mixed broadleaved forest, western Japan
Forest and Water Interactions	General Poster Session	Changwoo	LEE	Korea, Republic of	Korea research Institute	Estimating and Extracting the optimal parameters of Random Walk Model for Debris Flow Hazard Mapping
Forest and Water Interactions	General Poster Session	Ram Singh	Thapa	Nepal	Department of Soil Conservation and Watershed Management, Kathmandu, Nepal	Run off Harvesting Dam for Greenery, Income Diversity and Disaster Reduction; Case Study from Siwalik and Bhabar Region of Nepal
Forest and Water Interactions	General Poster Session	OLALEYE SAMUEL	OJO	Nigeria	FEDERAL COLLEGE OF FORESTRY MECHANIZATION, KADUNA, NIGERIA	Comparative Study of Soil Moisture Status and Undergrowth Diversity of Eucalyptus camadulences and Pinus caribeeae Plantation Types in Kaduna State, Nigeria
Forest and Water Interactions	General Poster Session	Faith	OYEDEJI	Nigeria	Forestry Research Institute of Nigeria	POTENTIALS OF Pentaclethra macrophylla (Benth) SEEDLINGS TO SURVIVE IN WATER-LOGGED AREAS
Forest and Water Interactions	General Poster Session	ANGELITO	EXCONDE	Philippines	DENR-ERDB	Establishment of Hydrometeorological Stations in National Power Corporation-Managed Reservations
Forest and Water Interactions	General Poster Session	Maria	Gonzalez-Sanchis	Spain	Universitat Politècnica de Valencia	Effects of forest management in nutrients added to soil in a Mediterranean Quercus ilex forest
Forest and Water Interactions	General Poster Session	Staffan	Åkerblom	Sweden	Swedish University of Agricultural Sciences	Enhanced accumulation of Hg in aquatic biota: An effect from forestry and landuse?
Forest and Water Interactions	General Poster Session	Karin	Eklöf	United States	Penn State University	Effects of forestry on mercury runoff in catchment-scale studies in Sweden
Forest and Water Interactions	General Poster Session	Karin	Eklöf	United States	Penn State University	Fate and transport of mercury in watersheds: Hot-spots and hot-moments in Pennsylvanian watersheds
Forest and Water Interactions	General Poster Session	Richard	Cedeño	Venezuela	SACAICET	Quality water from underground sources in the Community Jivi La Reforma, Amazonas State, Venezuela. 2012.
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Md Sarwar	Jahan	Bangladesh	BCSIR	Evaluation of different processes for the separation of acetic acid from the prehydrolysis liquor of kraft dissolving pulp production processes
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Yinglei	Han	China	University of Idaho	Upgrading wood pyrolysis oil by hydrogenation using nanocatalysts to green transportation fuels

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Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Jianchun	Jiang	China	Industry of Forest Products(ICIFP)	The research and development status of Chinese biomass gasification and pyrolysis
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Zhiqiang	Li	China	International Center for Bamboo and Rattan	Effect of Chemical Pretreatments on Bamboo for Bioethanol Production
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Annariikka	Roselli	Finland	Aalto University	Progress in dissolving pulp manufacture
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Dominique	Lachenal	France	Grenoble INP-Pagora	Extraction of hemicelluloses from Eucalyptus globulus woodchips for their valorisation into surface-active agents
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Ina	Winarni	Indonesia	Forest Product Technology Center, Forest Organization Research Development Agency	Enzymatic saccharification of sago pulp from starch extraction waste with sago lignin-based amphipathic derivatives
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Megh Raj	Bhatt	Nepal	Central Department of Biotechnology, Tribhuvan University, Kirtipur, Nepal	Bioethanol production from lignocellulose isolated from an aquatic weed (Water Hyacinth): A simple but effective bioprocess
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Tommy	Mörling	Sweden	Swedish University of Agricultural Sciences	Determination and quantification of fatty and resin acid composition in boreal lodgepole pine and Scots pine for biorefinery applications
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Hou-min	Chang	United States	North Carolina State University	Phenolation of Kraft Lignin catalyzed by Boron Trifluoride
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Omar	Espinoza	United States	University of Minnesota	Overcoming Barriers to Cogeneration from Biomass in the U.S. Wood Products Industry
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Les	Groom	United States	USDA Forest Service	Effect of Woody Biomass Feedstock on Gasification Synthesis Gas
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Hasan	Jameel	United States	North Carolina State University	Two-stage Autohydrolysis Pretreatment Combined with Refining for Improved Enzymatic Hydrolysis of Hardwood
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Mark	Nimlos	United States	National Renewable Energy Laboratory	Catalytic Upgrading of Biomass Pyrolysis Vapors
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Jingxin	Wang	United States	West Virginia University	Woody Biomass Utilization for Bioenergy: Opportunities and Challenges in Biomass Harvest and Logistics in the Northeastern United States
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Cassia	Sanzida Baten	Canada	Faculty of Natural Resources Management, Lakehead University	Investigating a Coal to Wood biomass based bioenergy system: A case of Atikokan Power Generating Station in Ontario Canada
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Sheau-Hong	Lin	China - Taipei	Department of Wood Science and Design, National Pingtung University of Science and Technology	Preparation and Characterization of Biomass Residue Briquettes without Adding a Binder
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Maija	Kymäläinen	Finland	University of Helsinki	Storage of torrefied wood – investigating the sorption properties and susceptibility to fungal degradation
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Vindhya Prasad	Tewari	India		Use of Lignocellulosic Biomass as Biofuel: A Key for Sustainable Future
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Budi	Leksono	Indonesia	Center for Forest Biotechnology and Tree Improvement, Yogyakarta	Intra and Inter-Island Variations of Biofuel Content and Their Physical-Chemical Properties of Calophyllum inophyllum in Indonesia
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Seok Hwan	Choi	Korea, Republic of	Department of Forest Products, Korea Forest Research Institute	Pilot scale saccharification of lignocellulosic biomass based on supercritical water process
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Myungkil	Kim	Korea, Republic of	Korea Forest Research Institute	Heterologous Expression of Lignin-Degrading Enzymes from White Rot Fungi in Pichia pastoris
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	ANTONIO	BERNABE-ANTONIO	Mexico	UNIVERSIDAD AUTONOMA DEL ESTADO DE MORELOS	Oil content and fatty acid profile of Calophyllum brasiliense Cambes: A new resource for biodiesel feedstock in Mexico.
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Olaoluwa Adeniyi	Adegoke	Nigeria	Department of Wood and Paper Technology, Federal College of Forestry, P.M.B. 5087, Ibadan, Nigeria	Characterization of some Tropical Wood Species and their Pyrolytic Products

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Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Emmanuel Adekanye	Adelusi	Nigeria	Department of Wood and Paper Technology, Federal College of Forestry, P.M.B. 5087, Ibadan, Nigeria	Effect of Production Variables on Physical and Mechanical Properties of Wood Waste Brick
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Oluwaseun Yetunde	Aguda	Nigeria	Forestry Research Institute of Nigeria	PRODUCTION OF BIOGAS USING PIG DUNGS AND WATER HYACINTH (EICHHORNIA CRASSIPES)
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Olunmi Olumide	Ayodele	Nigeria	Forestry Research Institute of Nigeria	Synthesis and screening of heterogeneous catalysts for biodiesel production
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Bahattin	Gurboy	Turkey	Professor Dr.	Optimization of dilute acid hydrolysis of I-214 poplar clone wood grown in Turkey
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Kamran	Abdollahi	United States	SU	Impact of Biochar Soil Amendment on Growth and Physiology of Tree Saplings
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	GIFTY	ACQUAH	United States	AUBURN UNIVERSITY	Nondestructive estimation of the chemical and thermal properties of forest biomass using vibrational spectroscopy and thermogravimetric analysis
Forest Biomass and Bioenergy	106 Biobased products and bioenergy.	Raju	Pokharel	United States	Department of Forestry, College of Forest Resources, Forest and Wildlife Research Center, Mississippi State University	Mill capacity to utilize logging residues for bioenergy production in the Southern United States
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Stanley	Sochacki	Australia	Murdoch University	A sustainability index for improving nutrient management in short rotation bioenergy systems
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Robert	Fleming	Canada	Natural Resources Canada, Canadian Forest Service, Great Lakes Forestry Centre, Sault Ste. Marie, ON	Environmental sustainability of intensive forest biomass removals: Results of a global meta-analysis
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Miguel E.	Cadena	Colombia	Universidad Distrital Francisco José de Caldas	VARIABLES OF SOIL, PLANT AND PRODUCTIVITY RELATED WITH AGE AND SITE INDEX IN Gmelina arborea PLANTATION IN NORTH COLOMBIA
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Leena	Finér	Finland	Finnish Forest Research Institute	Biomass harvesting in Fennoscandian boreal forests – nutrient removals and nutrient status
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Lilli	Kaarakka	Finland	University of Helsinki	Stump harvest at final felling – impact on soil surface disturbance, and carbon and nitrogen dynamics
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Arttu	Pienimäki	Finland	University of Helsinki	The effect of forest plantation establishment on ecosystem carbon stocks in Niassa province, Northern Mozambique
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Johanna	Routa	Finland	Finnish Forest Research Institute	Effects of forest management on sustainability of integrated timber and energy wood production
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Martina	Cambi	Italy	GESAAF - University of Florence	Assessment of forest logging influence on soil environment
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Peter	Clinton	New Zealand	New Zealand Forest Research Institute Ltd (Trading as Scion)	Manipulating forest soils for greater productivity: are there limits?
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Nicholas	Clarke	Norway	Norwegian Forest and Landscape Institute	Short- and long-term ecological consequences of removal of harvesting residues for bioenergy from forests in Norway
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	JUAN CARLOS	GIMENEZ	Spain	UNIVERSITY OF EXTREMADURA	Hydrological constraints in eucalyptus plantations harvest scheduling models
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Arnis	Jurevics	Sweden	Swedish University of Agricultural Sciences	C&N balance following stem and stump harvest and deep soil cultivation in two coniferous stands in Sweden- long term impact
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Tymur	Bedernichek	Ukraine	M.M. Gryshko National Botanical Garden	Impacts of various cutting systems in hornbeam-oak forests on quantity and quality of soil organic matter
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Thomas	Fox	United States	Virginia Tech University	Linking forest soils and ecophysiology to improve sustainable management of forest plantations
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Zakiya	Leggett	United States	Weyerhaeuser Company	The impact of switchgrass intercropping in loblolly pine plantations on long term soil sustainability and productivity
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Ruth	Yanai	United States	SUNY-ESF (College of Environmental Science and Forestry)	Sustainable Forest Harvest Requires Nutrient Supply from Soil Pools: Ecosystem Budgets for Second-Growth Northern Hardwoods in New Hampshire, USA

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Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Rodrigo	Hakamada	Brazil	University of São Paulo	Pointing the sustainability and profitability of Eucalyptus 2 years rotation for biomass production: study case in Brazil
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	André	Arsenault	Canada	Natural Resources Canada, Canadian Forest Service, Atlantic Forestry Centre	Ecosystem response 20 years after intensive forest harvesting for bioenergy in Betula papyrifera stands in Central Newfoundland: a multidisciplinary approach
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Elemer	Briceño	Costa Rica	Instituto Tecnológico de Costa Rica	Improvement of soils conditions to increase productivity of Tectona grandis in Northern Costa Rica: Established plantations
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Jyrki	Hytönen	Finland	Finnish Forest Research Institute	Effect of whole-tree harvesting on nutrition and growth of Scots pine stands in mid-rotation thinning on drained peatlands
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Lilli	Kaarakka	Finland	University of Helsinki	Effects of repeated whole-tree harvesting on soil properties and tree growth in a Norway spruce (Picea abies (L.) Karst.) stand
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Patrick	Pyttel	Germany	Chair of Silviculture, Albert-Ludwigs-University Freiburg	Effects of different harvesting intensities on the macro nutrient pools in aged oak coppice forests
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Nicola	La Porta	Italy	The EFI Project Centre on Mountain Forests (MOUNTFOR), Edmund Mach Foundation,	Elemental composition in wood and different tree compartments on the quality of chips for fuel.
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Tsuyoshi	Yamada	Japan	Forestry and Forest Products Research Institute	Short-term impact of whole tree harvest at thinning on cation dynamics in a Japanese cedar forest ecosystem
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	O. Janne	Kjønaas	Norway	Norwegian Forest and Landscape Institute	Short-term effects of whole tree and stem-only harvesting on C and N fluxes in two Picea abies stands, Norway.
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Tonje	Økland	Norway	Norwegian Forest and Landscape Institute	Removing forest harvesting residuals: effects on biodiversity and species composition in Norwegian forests.
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Adam	Felton	Sweden	SLU	Identifying and managing the ecological risks of using introduced tree species in Sweden's production forestry
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Jörgen	Rudolphi	Sweden	Swedish University of Agricultural Sciences	Effectiveness of compensation for habitat loss at intensified forestry by creation of dead wood
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	mehmet	eker	Turkey	Süleyman Demirel University Faculty of Forestry	Research on the Supply Possibilities of Logging Residue Biomass in Brutian Pine Forests of Turkey
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Emily	Carter	United States	Southern Research Station USFS	Soil Impacts and Forest Operations in Southeastern USA
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Lucy	Cooper	United States	University of Idaho	Changes in forest insect community structure following pre-commercial thinning for biofuel production
Forest Biomass and Bioenergy	11 Environmental impacts of intensive management of forest soils for timber and bioenergy production.	Hakjun	Rhee	United States	The University of Montana	Impacts of Biomass Operations on Soil Erosion
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Mauricio	Acuna	Australia		Key fuel quality attributes and operational factors that affect the economics of biomass supply chains
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Silvere	TOVIGNAN	Benin	University of Parakou	Willingness of urban households to contribute to sustainable forest renewing mechanism in Sub Saharan Africa: Case study in Benin
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Richard	Eba'a Atyi	Cameroon	CIFOR	Wood-energy in Cameroon: the overlooked contribution to the national economy
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Biloso Moyene	Apollinaire	Congo, Democratic Republic of the	ICRAF	Specificity of fire wood as source of household energy in the Matadi Kibala quarter in the community of Mont-Ngafula/DR Congo
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Jean	Morales	Costa Rica	CATIE	Evaluation of forest biomass as substitute of firewood as an energy source in Costa Rican households
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Niclas Scott	Bentsen	Denmark	University of Copenhagen	A review of wood fuel sourcing potentials and sustainability challenges in different regions of the world
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Alexander	Moiseyev	Finland	Norwegian University of Life Sciences	Impact of EU RES policies on the use of wood for energy and international trade of wood biomass and pellets
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Karhikeyan	Natarajan	Finland	University of Eastern Finland, Joensuu	A full supply chain optimization model for the location of forest biomass - based CHP production plants in Finland
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Isaac	Nunoo	Ghana	Kwame Nkrumah University of Science and Technology	Who Gets What: Analysis of Wood fuel Value Chain in Ghana
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Rene	Zamora-Cristales	Guatemala	Faculty Research Assistant Oregon State University	Economics of Forest Biomass Processing and Transport from Harvest Residues in Steep Terrain

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Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Maryam	Bakhshi	Iran	Free University Berlin	Greenhouse Gases Accounting for Producing and Utilization of Woody Biomass for Heat Energy Purpose
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Kazuhiro	Aruga	Japan	Utsunomiya University	Forest biomass supply chains: Practice, economics, and energy balance in Tochigi prefecture, Japan
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Oluseyi	Olugbire	Nigeria	Forestry Research Institute of Nigeria	Profitability analysis of fuelwood marketing in Ibadan, Nigeria
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Andreas	Ottitsch	United Kingdom	University of Cumbria	Biomass energy supply chains in Europe – are we burning the house we live in?
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Jenny	Wong	United Kingdom	Wild Resources Ltd	Domestic firewood supply in Wales
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Thomas	Buchholz	United States	University of Vermont & Spatial Informatics Group LLC	Modeling the profitability of power production from short-rotation woody crops in Sub-Saharan Africa
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Cecilia	Danks	United States	University of Vermont	Decision Support for Sustainable, Community-Based, Wood Biomass Energy for Heating
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Michael	Goerndt	United States	University of Missouri	Influence of forest resource capacity, logistics and public policy for co-combustion of woody biomass
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Peter	Rauch	Austria	BOKU	Impacts of forest resource competition on future bioenergy production in Austria – Answers by a System Dynamics Model
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Bedarul	Alam	Canada	Lakehead University	Supply chain optimization for the delivery of large volumes of biomass for biofuel and/or biochemical production
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Julie	Barrette	Canada	Natural Resources Canada-Canadian Forest Service	Forest biomass supply chains from natural disturbances in Canada : challenges and opportunities
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Krish	Homagain	Canada	Lakehead University	Life Cycle Carbon and Economic Assessment of Biochar-based Bioenergy Production in Ontario, Canada
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	CT	Smith	Canada	University of Toronto	Evaluating the Greenhouse Gas Mitigation Potential and Cost-Competitiveness of Forest Bioenergy Systems in Northeastern Ontario
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Niclas Scott	Bentsen	Denmark	University of Copenhagen	'Carbon debt' - lost in the forest?
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Paula	Jylhä	Finland	Finnish Forest Research Institute	The impact of longer-term storage (3-6 months) on forest chip properties
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Paula	Jylhä	Finland	Finnish Forest Research Institute	The storage of Scots pine forest chips - CO2 fluxes as an indicator of dry matter losses
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Martin	Brunsmeier	Germany	Albert-Ludwigs-University Freiburg, Chair of forest utilization	A sustainability assessment of wood-energy-supply-chains based on the method of a Life-Cycle-Assessment
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Martin	Opferkuch	Germany	University of Freiburg - Chair of Forest Operations	Log distribution planning for efficient wood supply chains
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Janine	Schweier	Germany	University of Freiburg, Chair of forest utilization	Energy wood from short rotation coppice on agricultural land in south-west Germany- environmental and economic assessment of alternative supply concepts
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Sandor	Horvath	Hungary	TRAU-KER Ltd.	Dendromass-based Decentralized Energy Production in Hungary - A Pilot Project of TRAU-KER Ltd.
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Ger	Devlin	Ireland	University College Dublin	Deriving Cooperative Biomass Resource Transport Supply Strategies in Meeting Co-Firing Energy Regulations: A Case for Peat and Wood Fibre in Ireland.
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Kazuhiro	Aruga	Japan	Utsunomiya University	Estimating Harvesting Costs and Projecting Available Amounts of Logging Residues with Small-scale Forestry in Nasushiobara city, Tochigi prefecture, Japan
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Maya	Fujiwara	Japan	Tokyo University of Agriculture and Technology	Evaluation of the Drying Potential of Wood Chips inside Breathable Flexible Containers and Modeling of Moisture Content Transition
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Toshio	Nitami	Japan	University of Tokyo	Forest Woody Biomass collection through a Bundling Process in Mountainous Area
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Laddawan	Rianthakool	Japan	University of Tokyo	Rubber stump harvesting for biomass supply chain

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Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Mika	Yoshida	Japan	The University of Tokyo	Establishment of logistics for economic biomass energy supply chain in Japanese condition
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Nyein Chan	Mr.	Myanmar (Burma)	Graduate School of Asian and African Area Studies (ASAFAS), Kyoto University, Kyoto, Japan	Assessment of above-ground biomass and soil carbon storage of the fallow forests after swidden cultivation in the Bago Mountains, Myanmar
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Hanne K.	Sjølie	Norway	Norwegian University Of Life Sciences	Forest, climate mitigation and choice of policy means - how well suited are various bioenergy policies for combating climate change?
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Gustaf	Egnell	Sweden	Swedish University of Agricultural Sciences	The carbon balance in forest fuels from long rotation forestry – the outcome is in the assumptions
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Maria	Nijnik	United Kingdom	The James Hutton Institute	Economic considerations of carbon capture and storage in Scottish forests
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Carlos	Gonzalez-Benecke	United States	University of Florida	Local and general above-stump biomass functions for loblolly pine and slash pine trees
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Ryan	Jacobson	United States	University of Idaho	Modeling Woody Biomass Utilization for Energy Feedstock in the Northwest United States
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Shiba	Kar	United States	Washington State University	The economic viability of poplar-based biofuel production
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	William	Keeton	United States	University of Vermont	Wood bioenergy in the northeastern United States: ecological effects of harvesting and landscape-scale net carbon emissions
Forest Biomass and Bioenergy	137 Forest biomass supply chains: Practice, economics, and carbon balance	Nianfu	Song	United States	University of Missouri - Columbia	Efficiency of Wood-to-Energy Conversion: U.S. Public Policy and Net Energy Output
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Howie	Harshaw	Canada	University of Alberta	Understanding the Social Context of Strategies to Develop Biofuels from Optimized Populus Feedstocks in British Columbia
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Kaisa	Nieminen	Finland	Finnish Forest Research Institute	Silver birch (<i>Betula pendula</i>): a novel model tree for molecular genetics
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Modhumita	Dasgupta	India	Institute of Forest Genetics and Tree Breeding	Target enrichment and Exome sequencing for marker discovery in Eucalypt species
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Rina Laksmi	Hendrati	Indonesia	Center for Forest Biotechnology and Tree Improvement, Yogyakarta	Breeding of <i>Acacia auriculiformis</i> for Wood Energy to Support Short Rotation Forestry
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Myungkil	Kim	Korea, Republic of	Korea Forest Research Institute	Fungal pretreatment of lignocellulosic biomass by wood rot transformants
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Joakim	Hjälten	Sweden	Swedish University of Agricultural Sciences	Insect feeding on GM aspens is more affected by intentional (Bt induction) than of unintentional changes or clone differences in plant defense
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Jan	Stenlid	Sweden	Swedish University of Agricultural Sciences	Resistance breeding against two major forest diseases - conifer root rot and rust in willows
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Kelsey	Dunnell	United States	North Dakota State University	Variation in resistance of <i>Populus nigra</i> within and among provenances to <i>Septoria musiva</i>
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Ana Paula	Dalla Corte	Brazil	UFPR	Dendroenergetic analyses of <i>Acacia mearnsii</i> De Wild. culture
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Ariel	Arencibia	Chile	Universidad Católica del Maule	Photomixotrophic Temporary Immersion Bioreactors (TIBs) for high-scale micropropagation of poplar (<i>Populus</i> spp) to biomass production
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Zhimin	Gao	China	International center for bamboo and rattan	Overexpression of a Bamboo Homeobox Gene D1KNOX in Arabidopsis Confers a Striking Appearance of Spikes
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Xiaohua	Su	China	Research Institute of Forestry, Chinese Academy of Forestry	Expression and Molecular Genetics of Two DREB1 Genes in Black Poplar (<i>Populus nigra</i>)
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	B Karpaga Raja Sundari	Balachandran	India	Institute of Forest Genetics and Tree Breeding (ICFRE), Coimbatore, Tamil Nadu	Spatial expression analysis of developing xylem specific cellulose synthase gene from <i>Eucalyptus tereticornis</i> and its molecular characterization
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Indu	Dwivedi	India	Forest Research Institute	Molecular marker based assessment of selected plus trees of <i>Pongamia pinnata</i>
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Harish	Binwal	India	Forest Research Institute, Dehradun, India	Aspects and prospects of <i>Eucalyptus</i> improvement in India

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Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Yasodha	Ramasamy	India	Institute of Forest Genetics and Tree Breeding	Genetic linkage map development in eucalypts for abiotic stress tolerance
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Shruti	Sharma	India	ICFRE	Genetic diversity and breeding strategies for genetic improvement of <i>Melia composita</i> Willd.
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Dharanishanthi	V	India	Institute of Forest Genetics and Tree Breeding, India	Isolation, Characterization and Expression Profiling of two Homeodomain-Leucine Zipper Transcription Factor Genes in <i>Eucalyptus tereticornis</i>
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	Parveen	Velmi	India	Forest Research Institute, Dehradun,	Productivity of three generations of <i>Eucalyptus citriodora</i> Hook. x <i>Eucalyptus torelliana</i> F.v. Muell. hybrids at the age of 26 years
Forest Biomass and Bioenergy	160 Genomics and biotechnology for improvement of woody energy crops	R.T.	Aggangan	Philippines	Forest Products Research and Development, Department of Science & Technology	Mycorrhiza enhanced growth and heavy metal tolerance of <i>Acacia mangium</i> , <i>A. aulacocarpa</i> and <i>Swietenia macrophylla</i> in minewaste soil
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Florian	Kraxner	Austria	Ecosystems Services and Management Program (ESM), International Institute for Applied Systems Analysis (IIASA)	Principles of BECCS - Regional and National Case Studies – Assessing the Potentials
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Dmitry	Schepaschenko	Austria	IIASA	Towards a global biomass baseline map for the year 2000 to meet REDD+ policy requirements
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Sabine	Fuss	Germany	Mercator Research Institute on Global Commons and Climate Change	BECCS+REDD: Synergies between bioenergy-based climate change mitigation options and reducing emissions from deforestation
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Ping	Yowargana	Indonesia	President's Delivery Unit for Development Monitoring and Oversight	The potential of REDD+BECCS Nexus for selected provinces in Indonesia
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Alice	favero	Italy	FEEM	Using Markets for Woody Biomass Energy to Sequester Carbon in Forests
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Etsushi	Kato	Japan	National Institute for Environmental Studies	BECCS use and sustainability of the land-use in mitigation pathways
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Ruben	Lubowski	United States	Environmental Defense Fund	Balancing Risks and Regret from Climate Policy Uncertainties: The Role of REDD and Other Near-Term Opportunities
Forest Biomass and Bioenergy	243 Global and regional deployment of Biomass & CCS (BECCS): Reconciling top-down and bottom-up approaches and REDD+BECCS Nexus	Nathalie	Walker	United States	National Wildlife Federation	REDD+ and "deforestation free" commodity supply chains
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Klaus	Katzensteiner	Austria	BOKU University Vienna	How much is too much?
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Brian	Titus	Canada	Natural Resources Canada - Canadian Forest Service	Survey of guidelines for intensive forest biomass removals from around the world: lessons and recommendations
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Javier	Arevalo	Finland	School of Forest Sciences, University of Eastern Finland	Forest energy in West Africa: situation and future scenarios for Burkina Faso and Sierra Leone
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Yann	Nouvellon	France	CIRAD, UMR Eco&Sols	Carbon, water and nutrient balances of an <i>Eucalyptus grandis</i> plantation in Brazil over a 5 yrs period
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Sebastian	Hauk	Germany	HSWT University of Applied Sciences Weihenstephan-Triesdorf	Yields of Short Rotation Forestry in first rotation period – yields of field sites can compete with field trials
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	sanjeev	chauhan	India	Punjab Agricultural University	Biomass partitioning and fuel characterization of short rotation tree species
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Syam	Viswanath	India	Scientist F, Institute of Wood Science and Technology, 18th cross Malleswaram, Bangalore, India	Harnessing Green energy from Green gold: Case study from Peninsular India

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Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Neeta	Sharma	Italy	ENEA Research Centre	Forestry Biomass Resource Assessment in EU & Member States
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Toru	Terada	Japan	The University of Tokyo	Sustainable urban forest maintenance: re-thinking satoyama as a biomass resource for the small-scale wood energy utilization
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	James	Onchieku	Kenya	Kenya Forestry Research Institute	Demonstrating potential for commercial production of some biomass fuels for bioenergy application in Kenya
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Wai Wai	Than	Myanmar (Burma)	Senior Researcher & National Coordinator of Asia and Pacific Forest Invasive Species Network (APFISN-FAO), Forest Protection Section, Forest Research Institute	Evaluation on Invasive Species Characteristics and Visions of Rural people to Introduced Species <i>Prosopis juliflora</i> (SW.) DC. in Dry Zone of Myanmar
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Ioannis	Dimitriou	Sweden	SLU Swedish Univ. of Agricultural Sciences	Impact of commercial poplar and willow Short Rotation Forestry stands on water, soil and phytodiversity
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Virginia	Dale	United States	Oak Ridge National Laboratory	Opportunities to Design Sustainable Bioenergy Systems
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Jose	Gutierrez Lopez	United States	University of New Hampshire	Ecohydrological impacts of feedstock production for bioenergy across the Americas: a multidisciplinary study to assess long-term sustainability
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Michael	Jacobson	United States	Penn State	Energy crops and trees as a sustainable feedstock from marginal lands
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Jeff	Wright	United States	ArborGen Inc.	Eucalyptus plantations in Florida USA: Economic Analysis of Current and Potential Uses
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	David	Bush	Australia	CSIRO	Novel tropical and subtropical eucalypts species for biomass energy production on marginal sites
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Viktor	Bruckman	Austria	Commission for Interdisciplinary Ecological Studies of Austrian Academy of Science	Biochar application in forestry: a multinational approach to assess the potentials for negative carbon emissions
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Ogoudje Isidore	AMAHOWE	Benin	National Forest Office of Benin	Construction of biomass equations for fuel wood estimation from Savannah species in West Africa
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Belarmain	FANDOHAN	Benin	University of Agriculture of Ketou	Using bioclimatic niche modeling to forecast suitable areas for the genus <i>Lophira</i> (Ochnaceae), a potential bio-fuel source in West Africa
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Jose	Brito	Brazil	University of Sao Paulo	Charcoal in Brazil: Its history and its future
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Rodrigo	Hakamada	Brazil	University of São Paulo	Mixed-species plantations of Eucalyptus and Acacia mangium as an alternative for bioenergy production in tropical regions
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Milton	Meira-Junior	Brazil	University of Brasilia	Firewood Production of Eucalyptus urophylla in Brazilian Savanna Area
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Fabricia Menez	Mota	Brazil	UNIVERSIDADE DE BRASÍLIA	Factors critical damage to the environment of the production chain of charcoal in Brazil
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Mateus	Sanquetta	Brazil	UFPR	AMOUNT AND QUALITY OF RESIDUE BIOMASS GENERATED IN FOREST HARVESTING SYSTEMS FOR PINE AND EUCALYPT PLANTATIONS IN SOUTHERN BRAZIL
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Paulo	Trugilho	Brazil	Universidade Federal de Lavras	Longitudinal and radial variation of the charcoal production in eucalypts
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Guillaume	Tenekwetché Sop	Burkina Faso	University of Ouagadougou and Biocentre Klein Flottbek - University of Hamburg	How the myth of the 'drought-resistant' <i>Jatropha curcas</i> L. collapsed in a case study in the Sahelian area of Burkina Faso
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Fei	Wang	China	Inner Mongolia Agriculture University	Characteristics of Coarse Woody Debris in Different-Age Natural
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Ming-Yuan	Huang	China - Taipei	National Chiayi University	Cost-Benefit Analysis of Producing and Refining Cellulosic Ethanol from <i>Pennisetum purpureum</i>
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Edwin	Esquivel	Costa Rica	Instituto Tecnológico de Costa Rica	Sustainable Energy for coffee benefited from wood energy plantations Coopetarrazú
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Sara	Molina	Costa Rica	Instituto Tecnológico de Costa Rica	Initial yield of biomass production in wood energy plantations in the Guanacaste province, Costa Rica

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Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Reimo	Lutter	Estonia	Estonian University of Life Sciences	Short-rotation forestry with hybrid aspen in hemiboreal Estonia: implications for forest management, science and society based on 15-year experience
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Jyrki	Hytönen	Finland	Finnish Forest Research Institute	Energy biomass production with downy birch (<i>Betula pubescens</i>) on cutaway peatlands
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Frank	Burger	Germany	Bavarian State Institute of Forestry	Life Cycle Assessment of Short Rotation Coppice
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Tobias	Cremer	Germany	Eberswalde University for Sustainable Development, Chair of Forest Utilization and Wood Markets	Optimizing Biomass Resource Allocation for Industrial and Energetic Utilization in the Light of Forest Certification
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Sebastian	Hauk	Germany	HSWT University of Applied Sciences Weihenstephan-Triesdorf	Short Rotation Forestry in Bavaria (Southern Germany) – Results of a Survey of Operators
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Christina	Schumann	Germany	University of Applied Science Weihenstephan-Triesdorf	The effect increasing biomass demands on forest management in Central Europe
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Steve	Sepp	Germany	ECO-Consult	Creating new biomass energy resources on degraded land - The economic power of property rights
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Bettina	Stoll	Germany	Bavarian State Institute of Forestry	Harwarder harvesting of short rotation coppice - time studies of a combined harvester and forwarder
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Matthias	Wilnhammer	Germany	University of Applied Sciences Weihenstephan-Triesdorf	Estimating forest biomass supply from small-scale private forest owners - a case study from Southern Germany
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Charles	Essien	Ghana	CSIR- Forestry Research Institute of Ghana	Promotion and Utilization of Lesser Used Timber Species in Ghana: Determination of some physical properties <i>Cola gigantea</i> and <i>Ficus sur</i>
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Divakara	Baragur	India	Indian Council of Forestry Research and Education	Assessing Variability and Divergence of <i>Jatropha curcas</i> Linn. Germplasm under Ex-situ Conditions
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Rajni	Sharma	India	Department of Forestry and natural Resources, PAU Ludhiana 141004	SALIX PLANTATIONS - A WAY FORWARD FOR PHYTOREMEDIATION AND BIOENERGY
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Ajay	Thakur	India	Forest Research Institute, Dehradun	Geographical variation among provenances of <i>Acacia mangium</i> for merchantable biomass in north-east India
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Eny	Faridah	Indonesia	Faculty of Forestry, University of Gadjah Mada	GROWTH OF 2.5 YEARS TEAK CLONES IN CRITICAL LAND AREA OF WANAGAMA I, YOGYAKARTA UNDER DIFFERENT ENVIRONMENTAL CONDITIONS
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Denny	Irawati	Indonesia	Gadjah Mada University	Bioenergy Properties of Tree Branch from Several Species Planted in Indonesia
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Soo Min	Lee	Indonesia	CIFOR	The effects of gap difference on physical characteristics of wood pellet during pelletizing process of Japanese larch (<i>Larix kaempferi</i>)
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Nina	Mindawati	Indonesia	FORDA	Growth and nutrient dynamic of plantation forest of Eucalyptus hybrid as raw material for pulp industry in Indonesia. by Nina mindawati; Andry indrawan, Irdika mansur, Omo Rusdiana
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Yasushi	Suzuki	Japan	Kochi University	A case study of wood fuel utilization by community forestry for sustainable, cost-effective management of local forest in Japan
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Nellie	Oduor	Kenya	Kenya Forestry Research Institute	Sustainable bio-energy development in Kenya
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Kingiri	Senelwa	Kenya	University of Eldoret	Evaluation and Demonstration of Short Rotation Forestry for On-Farm Woody Biomass Production in Western Kenya
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Tahiana	Ramanantoandro	Madagascar	Université d'Antananarivo, Ecole Supérieure des Sciences Agronomiques, Département des Eaux et Forêts, BP 175, Antananarivo 101, Madagascar	Estimation of the tree radial growth in the South Western bushes of Madagascar by growth rings analysis
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Md. Aktar	Hossain	Malaysia	Universiti Putra Malaysia	Effects of Exogenous GA3 Application on Growth and Fiber Quality of Selected Varieties kenaf (<i>Hibiscus Cannabinus</i> L) Plants

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Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Seriba	KONARE	Mali	Institut d economie rural du Mali	Effect of fuelwood extraction on structure of forest in Farako, Mali.
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Seriba	KONARE	Mali	Institut d economie rural du Mali	Villagers Perception on fuelwood Usage in Families Living in Wassorola, Mali
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	ESTEBAN	PÉREZ-CANALES	Mexico	INSTITUTO DE SILVICULTURA E INDUSTRIA DE LA MADERA UJED	Forest Biomass in Mexico, Alternative Source of Energy?
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Dharam Raj	Uprety	Nepal	Multi Stakeholder Forestry Programme (MSFP),	Analyzing the potentiality and use of forest waste biomass in the production of clean energy in Nepal
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Idowu Abimbola	Adegoke	Nigeria	Forestry Research Institute of Nigeria	COMBUSTION PROPERTIES OF CHARCOAL BRIQUETTE PRODUCED FROM RESIDUES OF SELECTED WOOD SPECIES
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Gloria	Anguruwa	Nigeria	Department of Forest Products Development and Utilization, Forestry Research Institute of Nigeria	ENERGY VALUE OF WOOD RESIDUES FROM GMELINA ARBOREA ROXB. AND TECTONA GRANDIS LINN. F.
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	R.T.	Aggangan	Philippines	Forest Products Research and Development, Department of Science & Technology	Slow release fertilizer and mycorrhizal inoculum potential effective for Acacia mangium under nursery conditions
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Olalla	Díaz Yáñez	Spain	SLU	Biomass for energy potentials from forests and by-products from forest industry in North Sweden
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Sylvia	Haus	Sweden	Linnaeus University	Greenhouse gas and cumulative radiative forcing implications of biomass-based and fossil-based building systems
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Maliwan	Haruthaithanasan	Thailand	Kasetsart Agriculture and Agro-industrial Product Improvement institute, Kasetsart University, Bangkok	Bioenergy and fiber use of bamboo biomass from small-scale plantations in Thailand
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	David W.	MacFarlane	United States	Department of Forestry, Michigan State University, East Lansing, MI	Integrated models for estimating forest biomass and whole-tree utilization potential
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Jose	Stape	United States	North Carolina State University	Selecting cold-hardy Eucalyptus species for the Southeastern United States using a regionwide network: 4 years-results
Forest Biomass and Bioenergy	50 Sustainable biomass for energy and industrial raw materials	Richard	Vlosky	United States	Louisiana Forest Products Development Center/LSU	Wood-based Biomass-to-Electricity Sector Development in Rural Uttarkhand, India
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Lal	Mahalle	Canada	FPInnovations	Life Cycle Assessment of a Fuel Switch to Biomass: the Case of a Direct-Fired Boiler Gasification Energy System
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Antti	Kilpeläinen	Finland	University of Eastern Finland	Effects of forest management on timber and energy biomass production and climate change mitigation potential in Norway spruce
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Klaus	Richter	Germany	Technische Universität München / Holzforschung München	Improving the resource efficiency of wood consumption – a LCA study on wood cascading
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Wei	Xu	Germany	Albert-Ludwigs-University Freiburg	Environmental impact assessment of China's forest-to-pulp supply chain
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Leif	Gustavsson	Sweden	Linnaeus University	Landscape-level net GHG analysis of forest-based material and energy systems
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Richard	Bergman	United States	USDA Forest Service Forest Products Laboratory	GHG profile of an advanced pyrolysis unit using woody biomass
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Indroneil	Ganguly	United States	University of Washington	Local Air Quality Impacts of Advanced Biofuels in the Pacific Northwest: A Consequential LCA Approach

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Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Adam	Taylor	United States	University of Tennessee	Lessons from consecutive LCAs of plywood and OSB in the USA
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Wyatt	Klopp	Canada	Natural Resources and Environmental Studies Graduate Program, University of Northern British Columbia, British Columbia, Canada V2N 4Z9	Harvesting the Dead and Decaying Forests: Potential Carbon Storage and Avoided Emissions
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Melanie J.	McCavour	Canada	Concordia University; UQAM	Trade-offs between utilising fine woody debris and minimizing rotation time in hybrid poplar plantations
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Salvatore	Martire	Finland	European Forest Institute	Sustainability Impact Assessment for local bioenergy supply chains' development: the case of the Como Lake area, Italy
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Liisa	Ukonmaanaho	Finland	METLA	Impact of whole-tree harvesting on water quality and quantity from drained peatland forests in Finland
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Karin	Höglmeier	Germany	Technische Universität München	Optimizing wood utilization in regard to GHG emissions and primary energy consumption on a regional level exemplified for south-east Germany
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Hubert	Jochheim	Germany	Leibniz-Centre for Agricultural Landscape Research (ZALF)	Modeling the effects of forest management and wood products use on carbon budget in context of climate change
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Markus	Meyer	Germany	Helmholtz-Centre for Environmental Research - UFZ	: Environmental Impacts of Solid Biofuels – Case Studies Representing a Gradient of Biophysical Conditions
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Matthias	Wiihammer	Germany	University of Applied Sciences Weihenstephan-Triesdorf	Ecological impact of burning wood fuels - Projecting Life Cycle Assessment (LCA) results for solid biomass products to the provincial level
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Fionnuala	Murphy	Ireland	University College Dublin	Life cycle assessment of wood energy supply chains in Ireland
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Francesca	Pierobon	Italy	University of Padua	Incorporating Carbon Sequestration into the Feedstock LCA for residual woody biomass
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Joo-Saeng	Park	Korea, Republic of	Korea Forest Research Institute	Evaluation of Environmental Impacts for Korean Harvested Wood Products
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Holger	Lange	Norway	Norwegian Forest and Landscape Institute	The carbon footprint of forestry in East Norway: a Life Cycle Analysis
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Thomas	Buchholz	United States	University of Vermont & Spatial Informatics Group LLC	A global meta-analysis of forest bioenergy greenhouse gas emissions accounting studies (1991-2012)
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Robert	Froese	United States	Michigan Technological University	Alternative Populus biofuel pathways: greenhouse gas emissions from land use change in the North American cool temperate forest region
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	John	Gunn	United States	Spatial Informatics Group - Natural Assets Laboratory	Life cycle evaluation of forest sector greenhouse gas emissions sensitivity to changes in forest management in Maine (USA)
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Rob	Harrison	United States	University of Washington	Bioenergy Production and Soil Sustainability in the Pacific Northwest USA

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Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Marcella	Menegale	United States	Univ. Washington	Effects of organic matter removal and nitrogen and carbon leaching fluxes in Douglas-fir plantation
Forest Biomass and Bioenergy	53 Evaluation of environmental Impacts of production and use of wood products and wood energy	Judd	michael	United States	Penn State University	An analysis of wood-based versus fossil fuels in combined heat and power applications
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Roger	Meder	Australia	CSIRO	Rapid, cost-effective and non-destructive phenotypic determination of meaningful end use properties in tree breeding programmes
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Raquel	Gonçalves	Brazil	University of Campinas	Distinction of the eucalyptus clones stiffness using ultrasound applied on standing trees
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Xiaomei	Sun	China	Chinese Academy of Forestry	Genetic Improvement and advanced generation breeding of Larix spp. in China
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Anna	Lopatina	Finland	University of Eastern Finland	Rapid assessment of energy biomass resources using aerial photographs from unmanned aerial vehicles
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Udo H.	Sauter	Germany	Forest Research Institute of Baden-Württemberg	Automated wood species identification by CT technology
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Akira	Kato	Japan	Chiba university	Full Automatic Process to Create Forest Inventory using Terrestrial Lidar
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Kyu-Suk	Kang	Korea, Republic of	Seoul National University	Biomass Production in the Short Rotation Coppice of Poplar Treated with Low-Concentrated Liquid Fertilizer
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Xiping	Wang	United States	USDA Forest Service, Forest Products Lab	Evaluating Thinning and Bio-solid Fertilization Effects on Wood Quality in a 70-Year-Old Douglas-fir Stand with TOF Acoustic Wave Measurement
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Paulo	Hein	Brazil	Universidade Federal de Minas Gerais	The conversion yield from wood to charcoal can be estimated by Near Infrared Spectroscopy
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Allan	Pelissari	Brazil	Federal University of Parana	Geostatistical modeling of forest biomass in teak stands
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Tessie	Tong	Canada	FPInnovations	Genomics-assisted selection of white spruce benefits from SilviScanTM: advanced phenotyping technology for measuring industrially relevant wood traits
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Jian	Gao	China	International Center for Bamboo and Rattan	Overexpression of a Moso Bamboo (<i>Phyllostachys edulis</i>) Transcription Factor Gene PheWRKY1 Enhances Disease Resistance in Transgenic <i>Arabidopsis thaliana</i>
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Jian	Gao	China	International Center for Bamboo and Rattan	Transcriptome sequencing and analysis of the fast growing shoots of moso bamboo (<i>Phyllostachys edulis</i>)
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	jinghui	jiang	China	Chinese Academy of Forestry	Compression strength and modulus of elasticity parallel to grain of oak wood at temperatures between +220°C and -196°C
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	qian	zhang	China	Guangdong Academy of Forestry	Age Trends in Genetic Parameters for Growth and Resin-Yielding Capacity in <i>Pinus massoniana</i> Lamb
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Alejandra	Rojas	Costa Rica	INSEFOR, UNA	Somatic embryogenesis in <i>Hieronima alchorneoides</i> (Euphorbiaceae) from zygotic embryos
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Hooman	Latifi	Germany	University of Wuerzburg	An object-based analysis of high resolution imagery to map canopy cover across semi-Mediterranean stands in western Iran
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Palanisamy	Kandasamy	India	Institute of Forest Genetics and Tree Breeding, (ICFRE)	Enhancement of Productivity in Bioenergy and Timber species in Forest Plantations
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Shruti	Sharma	India	ICFRE	Wastelands rehabilitation by growing genetically improved <i>Melia composita</i> Willd.
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Hisashi	Abe	Japan	International Association of Wood Anatomists (IAWA)	Radial variation of wood density and wood anatomy of <i>Quercus</i> spp. (Fagaceae) in Japan
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	In-Sik	Kim	Korea, Republic of	Korea Forest Research Institute	Realized genetic gain and heritability for height, DBH and volume growth in open-pollinated progenies of <i>Abies holophylla</i> Max.
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	In-Sik	Kim	Korea, Republic of	Korea Forest Research Institute	Effect of seedling size and root pruning intensity on seedling growth in <i>Quercus serrata</i>
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Yuri Jorge	Peña-Ramirez	Mexico	El Colegio de la Frontera Sur	Clonal Propagation and Genetic Improvement of Spanish Red Cedar (<i>Cedrela odorata</i>)

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Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Tim	Brouwer	Netherlands	WUR/SLU/CGI	Low budget ranging for forest management
Forest Biomass and Bioenergy	61 Emerging technologies for forest resource assessment and genetic improvement	Brian	Via	United States	Forest Products Development Center, Auburn University	Near Infrared Reflectance (NIR) Spectroscopy: dialing stem chemistry for optimal root disease resistance and forest products.
Forest Biomass and Bioenergy	General Poster Session	José	Lima	Brazil	Universidade Federal de Lavras	GROWTH STRESSES AND WOOD BASIC DENSITY OF Eucalyptus RELATED TO THE PRODUCTIVITY OF THE PLANTATION SITE
Forest Biomass and Bioenergy	General Poster Session	Carlos	Sanquetta	Brazil	UFPR	Carbon contents in Acacia mearnsii De Wild. plantations
Forest Biomass and Bioenergy	General Poster Session	Nichola	Gilbert	Canada	IFSA	Enhancing mine and energy crop soils to promote willow and poplar growth using ash and biosolids: a greenhouse trial
Forest Biomass and Bioenergy	General Poster Session	Timothy	Work	Canada	UQAM	Impacts of increasingly intensive removal of forest biomass on the biodiversity of leaf litter invertebrates
Forest Biomass and Bioenergy	General Poster Session	Yiliang	Li	China	Guangdong Academy of Forestry	Genetic diversity analysis among eight full-sib families of Slash pine × Caribbean pine using ISSR markers
Forest Biomass and Bioenergy	General Poster Session	Yang	Xing	China	Beijing Forestry University	Comparative study on enzymatic hydrolysis of different parts of bamboo
Forest Biomass and Bioenergy	General Poster Session	Roger	Moya	Costa Rica	Escuela de Ingeniería Forestal	Evaluation of pellet fabricated from plantation wood and several agricultural crops utilizing X-ray densitometry
Forest Biomass and Bioenergy	General Poster Session	Maria Antonia	Guyat	Cuba	Instituto de Investigaciones Agro Forestales	Characteristics the Dichrostachys cinerea (L) Wight et Arm (marabú) of the production of energy
Forest Biomass and Bioenergy	General Poster Session	Ingeborg	Callesen	Denmark	University of Copenhagen	Future demand for ecosystem services from terrestrial ecosystems from global power production scenarios to 2100: the role of forest biomass
Forest Biomass and Bioenergy	General Poster Session	Beatrice	Darko Obiri	Ghana	Forestry Research Institute of Ghana	Financial Analysis of Charcoal Production Methods in Ghana
Forest Biomass and Bioenergy	General Poster Session	Shivani	Dobhal	India	ICFRE	Screening of plus trees based on wood parameters in Eucalyptus tereticornis Sm.
Forest Biomass and Bioenergy	General Poster Session	ashok	kumar	India	Indian Council of Forestry Research and Education	Advancement in seedling seed orchard through within-plot selection for production of quality seeds in Dalbergia sissoo Roxb.
Forest Biomass and Bioenergy	General Poster Session	Nataschia	Magagnotti	Italy	CNR IVALSÀ	Exposure of mobile chipper operators to wood dust and diesel exhaust
Forest Biomass and Bioenergy	General Poster Session	Myungkil	Kim	Korea, Republic of	Korea Forest Research Institute	Screening of Fruiting Genes in Lentinula edodes
Forest Biomass and Bioenergy	General Poster Session	Nahum M.	Sánchez-Vargas	Mexico	Universidad Michoacana de San Nicolás de Hidalgo	Testing Pinus pringlei Shaw progenies and the relationship with trees of higher resin production
Forest Biomass and Bioenergy	General Poster Session	VALERIU	CAISIN	Moldova	ICAS CHISINAU	Daily dynamics of stem radius dimensions at oak and beech trees in Reserve „Codrii”
Forest Biomass and Bioenergy	General Poster Session	Bola Monisola	Awosusi	Nigeria	Forestry Research Institute of Nigeria	Validation of five-non linear growth models for plantation grown Terminalia superba in Ibadan, Nigeria
Forest Biomass and Bioenergy	General Poster Session	Marias Lis	García	Paraguay	Departamento de Silvicultura y Ordenación Forestal, Carrera de Ingeniería Forestal, Facultad de Ciencias Agrarias, Universidad Nacional de Asunción, Paraguay.	Evaluation of the effectiveness of the use of bokashi on seedling quality of Balfourodendron riedelianum (Engl.) Engl (Guatambu)
Forest Biomass and Bioenergy	General Poster Session	Yahia	Elbasheer	Sudan	Forest Research-Ministry of agriculture and irrigation	ROOTING-ABILITY OF STEM CUTTINGS OF ACACIA SENEGAL (L.) Willd AND PELTOPHORUM PTEROCARPUM (DC.) BACKER EX K. HEYNE
Forest Biomass and Bioenergy	General Poster Session	Lars	Karlsson	Sweden	Swedish University of Agricultural Sciences	Volume and proportion of juvenile and mature wood in boreal Scots pine are affected by silvicultural spacing regimes
Forest Biomass and Bioenergy	General Poster Session	Timothy	Albaugh	United States	North Carolina State University	Examining native and exotic Pinus taeda plantation spacing, resource availability and varietal effects using crown ideotypes
Forest Biomass and Bioenergy	General Poster Session	Gregory S.	Latta	United States	Oregon State University	Competition for biomass in a declining pulp and paper market with evolving renewable energy policy
Forest Biomass and Bioenergy	General Poster Session	Darren	McAvoy	United States	Utah State University	The Utah Biomass Resources Group: from the Dragon Wagon to Mobile Pyrolysis

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Forest Biomass and Bioenergy	General Poster Session	Christopher	Woodall	United States	USDA Forest Service	Volume or Biomass? Evaluating Trade-offs in Aboveground Live Tree Growth across a Range of Wood Density in Temperate Forests of the eastern US
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Wenming	Lu	China	Chinese Academy of Forestry	Challenges of Forest Certification in China
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Maxim	Trishkin	Finland	University of Eastern Finland	Assessment of new methods for sustainable management practices in remote areas
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Paolo	Cerutti	Kenya	CIFOR	Logging Concessions and Local Governance: Social Legitimacy and Effectiveness of Forest Certification in the Congo Basin
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Se Kyung	CHONG	Korea, Republic of	Korea Forest Research Institute	Analysis on creation of a domestic forest certification scheme in Korea's forestry and forest industries
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	CARMEN	AVILES	Spain	UPM - UNIVERSIDAD POLITECNICA DE MADRID	FSC - Chain of Custody (CoC). Analysis of companies with CoC in Spain and Brazil
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Marine	Elbakidze	Sweden	Swedish University of Agricultural Sciences	Context matters: implementation of sustainable forest management under different governance and socio-economic conditions
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Ahmet	SIVACIOĞLU	Turkey	Kastamonu University Faculty of Forestry	Improving of Certification Standard for Non-Timber Forest Products (NTFPs) in Turkey
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Colby	Loucks	United States	World Wildlife Fund - United States	Evaluating Conservation Impacts of Forest Management Certification – Testing Causality through the Use of Counterfactual Study Design
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Francis	Putz	United States	CIFOR/University of Florida	Evaluation of tropical forest management certification
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	CARLA	CORREA	Brazil	NIMAD/FEDERAL UNIVERSITY OF PARANÁ	Challenges the forest sector - Forest certification and Corporate Social Responsibility
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Fernanda	Pieruzzi	Brazil	Serviço florestal brasileiro	Growing stock, community management and deforestation rates in the Brazilian biomes
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Christopher	Mosher	Canada	BC Forest Practices Board	Is Certification Contributing to Sustainable Forest Management in British Columbia? A Forest Practices Board Perspective
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Yanru	Zeng	China	Zhejiang Agri. & Forestry Univ.	Forest certification in collectively owned forest areas and sustainable forest management --- a case of cooperative-based certification in China
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Annika	Hyttiä	Finland	University of Helsinki	Sustainable development – international framework – overview and analysis in forest and forest product context
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Maxim	Trishkin	Finland	University of Eastern Finland	Assessment of motivation and attitudes of forest industry companies towards forest certification in North-Western Russia
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Arya Hadi	Dharmawan	Indonesia	Center for Agricultural and Rural Development Studies - Bogor Agricultural University, Indonesia	Ineffective Policy of Timber Certification in the Smallholding Forest of Rural Java Indonesia
Forests and Forest Products for a Greener Future	125 Impact of forest certification on sustainable forest management	Ahmet	SIVACIOĞLU	Turkey	Kastamonu University Faculty of Forestry	Assessing of Forest Certification Projects in Turkey with FSC (Forest Stewardship Council) System
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Pekka	Saranpää	Finland		STILBENES FROM THE BARK OF NORWAY SPRUCE (PICEA ABIES [L.] KARST.) AS PROTECTIVE AGENTS
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Rashmi	Shanbhag	India	Institute of Wood Science and Technology	TEMPERTE WOODS IN TROPICAL CLIMATE - HOW SUSTAINABLE
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Yonggun	Park	Korea, Republic of	Department of Forest Sciences, Seoul National University	Superheated Steam Heat Treatment for Pitch Pine (P. rigida) Lumber
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Cho Cho Win	Cho	Myanmar (Burma)	Assistant Researcher, Forest Research Institute	WOOD MODIFICATION THROUGH ACETYLATION PROCESS ON THREE LESSER-USED TIMBER SPECIES OF MYANMAR
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Shang-Tzen	Chang	China - Taipei	School of Forestry and Resource Conservation, National Taiwan University	Exploitation of Acacia confusa heartwood extract as natural photostabilizers

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Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Tzu-Cheng	Chang	China - Taipei	School of Forestry and Resource Conservation, National Taiwan University	Role of extractives in the photo-discoloration of <i>Cryptomeria japonica</i> wood caused by UV irradiation
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Sen-Sung	Cheng	China - Taipei	Experimental Forest, National Taiwan University	Cinnamomum osmophloeum Leaf Oils Act as Antifungal Agents for Wood Rot Fungus <i>Phellinus noxius</i>
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Chen	Ying-Ju	China - Taipei	School of Forestry and Resource Conservation, National Taiwan University	Antifungal potential and chemical composition of <i>Chamaecyparis formosensis</i> and <i>Chamaecyparis obtusa</i> var. <i>formosana</i> essential oils in liquid and vapor phase against plant pathogenic fungi
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Henrik	Heräjärvi	Finland	Finnish Forest Research Institute	Crude Tall Oil Impregnation as a Wood Preservation Method
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Rached	ISMAIL	France	ONIRIS-NANTES	Recovering microorganisms from wood packaging surfaces: intercomparison of three methods.
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Klaus	Richter	Germany	Technische Universität München / Holzforschung München	The role of Fenton derived hydroxyl radicals in oxidative and enzymatic degradation of furfurylated wood
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Remadevi	O.K.	India	Institute of wood science and technology, 18th cross, Malleswaram P.O., Bangalore 560 003, Karnataka, India	Phophine fumigation for protection of wood from powderpost beetle damage in Indian conditions
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Andrew	Wong	Malaysia	Universiti Malaysia Sarawak	Utilization of naturally durable tropical woods in society for a greener future
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Andrew	Wong	Malaysia	Universiti Malaysia Sarawak	Soil contamination with aqueous wood extractives does not inhibit seed germination of vegetables okra and tomato
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Andrew	Wong	Malaysia	Universiti Malaysia Sarawak	Soil contamination with Chromated Copper Arsenate preservative, an organophosphate and two synthetic pyrethroids affecting seed germination of vegetables okra and tomato
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Sunday	Adeduntan	Nigeria	The Federal University of Technology Akure	THE EFFECTS OF POWDER POST BEETLES ON THE STRENGTH PROPERTIES OF TERMINALIA SUPERBER WOOD.
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Lawrence Olanipekun	Aguda	Nigeria	Forestry Research Institute of Nigeria	EFFECTIVENESS OF NATURAL WOOD EXTRACTIVES AS WOOD PRESERVATIVES AGAINST TERMITE ATTACK
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Tunde Abayomi	Nurudeen	Nigeria	Forestry Research Institute of Nigeria	Evaluation of <i>Cymbopogon citratus</i> (DC.ex Nees) and <i>Terminalia catappa</i> (Linnaeus) extracts as wood preservatives.
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Jacob Mayowa	Owoyemi	Nigeria	Federal University of Technology, Akure, Nigeria	Resistance of Five Selected Nigerian Wood Species Treated with Bitumen to Termites' Attack.
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Gry	Alfredsen	Norway	Norwegian Forest and Landscape Institute	Mode of action of modified wood against decay fungi - New insight based on molecular studies
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Lone Ross	Gobakken	Norway	Norwegian Forest and Landscape Institute	Factors influencing mould growth and aesthetic service life of coated and uncoated wood cladding
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Maria	Jonsson	Sweden	Swedish University of Agricultural Sciences	Environmental impact when wet storing roundwood

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Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Joseph	Hulbert	United States	Oregon State University	Chemical Treatments to sanitize Phytophthora ramorum colonized timber material and mitigate the risk of accidental Sudden Oak Death dissemination.
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Jeff	Morrell	United States	Wood Science and Engineering, Oregon State University	Surface treatments for long term protection of durable wood species
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Elisha	Ncube	Zambia	Copperbelt University	Fungal decay of Pinus kesiya facia boards on external joinery in Zambia
Forests and Forest Products for a Greener Future	159 Emerging green and sustainable alternatives to classical wood preservative to protect forest products	Elisha	Ncube	Zambia	Copperbelt University	Premature failure of creosote treated electricity transmission wood poles in Zambia
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Roger	Villalobos	Costa Rica	CATIE	Non-Timber Forest Products: a Sustainable Development Path Full of Obstacles. A Case Study in Costa Rica
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Tefera Belay	Endalamaw	Ethiopia	Wondo Genet College of Forestry and Natural Resources	Forest Conservation and NTFPs Utilization in Southwest Ethiopia: an Overview of Actors and Their Interactions
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Zenebe Mekonnen	Gebretsadik	Ethiopia	Ethiopian Institute of Agricultural Research, Wondo Genet icultural Research CenterAgr	Economic contribution of gums and resins resources to household livelihoods and national economy of Ethiopia
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Robert	Mavsar	Finland	European Forest Institute (EFI)	Development of the global trade of non-wood forest products
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Nicolas	Métro	France	Kinomé	Towards a new paradigm: valuation of the impacts of reforestation and non timber value-chain projects on fundamental human needs
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	sudhanshu	gupta	India	Indian Forest Service	EMPOWERING LIVELIHOODS THROUGH BIODIVERSITY CERTIFICATION IN INDIA
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Giridhar	Kinhal	India	Indian Institute of Forest Management	Value Chain Analysis and Common Facility Centers (CFCs) for NTFPs as tools for Community Empowerment and Livelihoods Generation
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Luis	Fontes	Portugal	Forest Research Centre, School of Agriculture, Technical University of Lisbon	European Non-wood forest products (NWFPs) Network
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Jenny	Wong	United Kingdom	Wild Resources Ltd	Greening the economies of health in Africa
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Marla R.	Emery	United States	USDA Forest Service	Balancing subsistence and commercialization: Perspectives from North American indigenous peoples' experience
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	eduardo	lopez	Bolivia	UMSS-Tropico-CIDES-UMSA	Tropical Fruits for the Development of the Tropics: The Coopoazu as an alternative NTFP to coca crops in Chapare Bolivia
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	GLORIA DA SILVA	ALMEIDA	Brazil	UNIVERSIDADE DE BRASÍLIA	Extractive production ACAI (Euterpe sp.) IN BRAZIL: PRODUCTION AND PRICE ANALYSIS OF 1994 TO 2009.
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Teçá	Horokoski	Brazil	Federal University of Paraná	Yerba mate for a Greener Future
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Grace nicole	Mbenda	Cameroon	Université de Yaoundé I	Management and potential certification of non-timber forest products (NTFP) in the region of East Cameroon

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Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Hongge	Zhu	China	Northeast Forestry University	Non-Timber Forest Products Income Contribution to Households Economy in Xing'an Mountains Forest Area
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Marko	Lovrić	Croatia	European Forest Institute	The characteristics of global trade of truffles
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Merja	Lahdesmaki	Finland	University of Helsinki, Ruralia Institute	Everyman's Rights in motion – The relationship between private forest owners and commercial wild berry picking
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Anne	Matilainen	Finland	University of Helsinki Ruralia Institute	Regional economic impact of hunting tourism in Eastern Lapland, Finland
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Taisser	H. H. Deafalla	Germany	Dresden university of Technology	Roles of Non-Timber Forest Products for rural livelihoods in Nuba Mountains, Sudan
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Taisser	H. H. Deafalla	Germany	Dresden university of Technology	Investigation study for Acacia senegal Gum Trade in Sahel Region
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Elena	Mechik	Germany	University of Hamburg	Poverty Alleviation and Preservation of Tropical Forests through establishment of Small Scale Forest Enterprises with Social Responsibility
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Enrico	Vidale	Italy	Dipartimento Territorio e Sistemi Agro-forestali, University of Padova	Wild Mushroom in Italy: from a commodity to a recreational service.
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Jose Antonio	Sierra Huelsz	Mexico	University of Florida	Decision-making along a tropical forest product commodity chain: implications for ecological sustainability
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Selma Ndemutla	Elago	Namibia	Ministry of Agriculture, Water and Forestry	SOCIO-ECONOMIC IMPORTANCE OF INDIGENOUS FRUIT TREES: STRYCHNOS COCCULOIDES AND SCHINZIOPHYTON RAUTANENII IN RUNDU RURAL WEST CONSTITUENCY, KAVANGO REGION, NAMIBIA
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Tajudeen	Amusa	Nigeria	University of Ilorin	Socio-economic determinants of consumer demand for non-timber forest products in Ogun and Osun States, Southwest Nigeria
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Oluseyi	Olugbire	Nigeria	Forestry Research Institute of Nigeria	Analysis of Non-timber Forest Products Activities and Income among Rural Households in Nigeria
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Arsenio	Ella	Philippines	FPRDI-DOST	Enhancing the adaptive capacity of indigenous peoples by promoting sustainable community-based resin tapping of Almaciga (Agathis philippinensis Warb.) in Palawan and Sierra Madre, Philippines
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Ljiljana	Keca	Serbia	Ass. Professor/University of Belgrade, Faculty of Forestry	Analysis of Mushroom Value Chain in Serbia
Forests and Forest Products for a Greener Future	162 Greening society and non-wood forest product commercialisation: assessing the environmental, economic and social trade-offs	Faten	Mezni	Tunisia	INRGREF	How to improve the local forest income by innovating on NWFP? The case of Pistacia lentiscus fixed oil in Tunisia
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	Gaetan	Pelletier	Canada	Northern Hardwoods Research Institute	Key initiatives to enable sustainable and profitable hardwood silviculture
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	decheng	zhang	China	china academy of forestry	A optimization model of masson pine multiple functional management in south China
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	Benjamin	Engler	Germany	University of Freiburg, Chair of Forest Utilization	Social and Economic Consequences of Eucalyptus Plantation Management
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	RYOHEI	MORIMOTO	Japan	Graduate School of Bioagricultural Sciences, Nagoya University	Evaluating the best locations in coniferous plantations for the natural regeneration of broadleaved forest

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Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	Andreas	Hill	Switzerland	ETH Zürich	Design of efficient Harvesting Units using Remote Sensing Information and Field Data
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	Marco	Contreras	United States	University of Kentucky	Optimizing the selection of individual tree in thinning treatments to reduce crown fire potential
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	Lindsay	Grayson	United States	University of Idaho	Development and Validation of a Physically Based Forest Operations Model
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	Raiane	Machado	Brazil	Universidade Federal de Viçosa	Evaluation of the wood hauling logistic performance in farm forest areas using Petri net
Forests and Forest Products for a Greener Future	164 Precision land-use management - state and perspectives	Sylvain	Dupire	France	Irstea, UR EMGR	Automatic mapping of forest operation possibilities: a decision support tool for forest planning
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Lauri	Hetemaki	Finland	European Forest Institute	Future of the European Forest-Based Sector: Combining Forest Sector Models with Foresight Analysis
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Jaana	Korhonen	Finland	University of Helsinki	The linkage between environmental policies and international trade in pulp and paper industry
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Jussi	Lintunen	Finland	Finnish Forest Research Institute	A Model of Timber Supply in Finland
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Tuula	Packalen	Finland	Finnish Forest Research Institute	Improving forest sector model inputs on wood supply through European Forestry Dynamics Model (EFDM)
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Rasoul	Yousefpour	Germany	Max Planck Institute for Meteorology	Modelling for Adaptive Forest Management under Climate Change in Europe
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Jesús	San-Miguel-Ayanz	Italy	European Commission Joint Research Centre	Support to forest policy analysis in the European Union through the Forest Information System for Europe (FISE)
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Ola	Eriksson	Sweden	SLU	A long term analysis of the potential of Swedish forests to satisfy sector demand
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Ida	Wallin	Sweden	Swedish University of Agricultural Sciences	Scenario generation for future development of forested landscapes – linking practice and policy through foresight and modelling
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Vitor Afonso	Hoeflich	Brazil	Universidade Federal do Paraná	BRAZILIAN NATIONAL FORESTRY PRODUCTION CHAIN IDENTIFICATION BASED ON THE 2005 IBGE INPUT-OUTPUT MATRIX
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Elias	Hurmekoski	Finland	European Forest Institute	Long-term structural drivers of sawnwood consumption in Europe
Forests and Forest Products for a Greener Future	181 The interface between quantitative forest sector modeling and policy analysis: What can be improved?	Gintautas	Mozgeris	Lithuania	Aleksandras Stulginskis University	Linking quantitative projections and qualitative scenario methods for modeling ecosystem services from forest landscapes
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Amelia (Amy)	Koch	Australia	Forest Practices Authority	Landscape-scale planning for biodiversity in Tasmanian production forests
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Stampfer	Karl	Austria	BOKU	Forest Operations Engineering and Management Achievements and Perspectives - The FORMEC view
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Carla	Portugal	Brazil	OSU	Environmental assessment of the technological innovation process on forestry harvesting
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Sophie	D'Amours	Canada	Université Laval	Forest Operations Engineering and Management Achievements and Perspectives - The SSFAR/INFORMS/INCOSE view

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Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Sylvain	Dupire	France	Irstea, UR EMGR	A new numerical tool to optimize the set-up of a standing skyline and improve cable yarding planning
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Richard	EMEYRIAT	France	FORET LOGISTIQUE CONSEIL	Harvesting of heart stumps from Poplar and Maritime Pine forest in South West France
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Vuillermoz	Morgan	France	FCBA	Forest Engineering propelling the value chains: current status in France and lessons learned from the FEC-FORMEC community
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Raffaele	Spinelli	Italy		Forest work studies: who, why, how
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Kazuhiro	Aruga	Japan	Utsunomiya University	Applying the optimal bucking method to maximize profits on Nasunogahara area, Tochigi Prefecture, Japan
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Jun'ichi	Gotou	Japan	Kochi University	Forest Operations Engineering and Management Achievements and Perspectives - The JFES view
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Yozo	Yamada	Japan	Graduate School of Bio-agricultural Sciences, Nagoya University	The future roles of ergonomic research in world forests and forestry
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Woodam	Chung	United States	University of Montana	Forest Operations Engineering and Management Achievements and Perspectives - The COFE view
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Marco	Contreras	United States	University of Kentucky	Quantifying potential benefits of implementing computer generated skid-trail networks
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Marcos	Antônio Camargo Ferreira	Brazil	University of Brasilia, Brasilia Environmental Institute	FOREST MANAGEMENT AND SUSTAINABILITY: ANALYSIS OF ASPECTS OF FORESTRY WORK IN THE MATO GROSSO AMAZON
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Luis	Freitas	Brazil	UESB	Evaluation of environmental impacts of forest harvesting and its effects on sustainability
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Jose	Imana	Brazil	University of Brasilia	CRITERIA AND INDICATORS FOR SUSTAINABILITY IN FOREST MANAGEMENT PLANS IN THE BRAZILIAN AMAZON
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Carlos	Machado	Brazil	Federal University of Vicosa	Durability of chemically stabilized soils for forest road applications
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Carlos	Machado	Brazil	Federal University of Vicosa	Analysis of the traffic performance in forest roads using computational methods
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Felipe	Marzano	Brazil	Federal University of Viçosa	Biomechanical evaluation in eucalyptus silviculture operations, in Brazil
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Carla	Portugal	Brazil	OSU	Ergonomic evaluation of skyline models used in forest extraction.
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Stanley	Schettino	Brazil	Departamento de Engenharia Florestal - UFV	Assessment of workers physical workload in semi-mechanized silviculture operations in mountainous regions, in Brazil
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Fabricio	Silva	Brazil	Departamento de Engenharia Florestal/UFV	Developing dynamic maps of forest roads with routes to GPS navigation receivers
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Amaury Paulo de	Souza	Brazil	Departamento de Engenharia Florestal/UFV	Production target for workers of digging holes machines for eucalyptus seedlings planting, as function of ergonomic factors, in Brazil
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Oscar	Bustos-Letelier	Chile	Universidad de Talca-Chile	PRODUCTIVITY, COSTS, AND EFFECT ON THE FOREST SOIL BY THREE SMALL FOREST HARVESTING SYSTEMS
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	van tuong	tran	Germany	Chair of Forest Utilization/Uni-Freiburg	Optimization of plantation forest-wood supply chains in Vietnam towards more sustainability
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Endang	Suhendang	Indonesia	Department of Forest Management, Faculty of Forestry, Bogor Agricultural University (IPB)	Yield Regulation Method Based on Number of Trees for Managing Un-Even Aged Tropical Forest
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Elyas	Hayati	Iran	PhD student of Forest Engineering, University of Tehran	Analysis of factors affecting forest road network planning: A Delphi study
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Raffaele	Spinelli	Italy		A new guide for work studies in forestry
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Masahiko	Nakazawa	Japan	Forestry and Forest Products Research Institute	Comparison of thinning productivities for the ordinary systems to the new system with a small wheel-mounted harvester and forwarder
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Masashi	Saito	Japan	Shinshu University	Extraction of collapse risk factors for spur road using high resolution DTM

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Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Shinichi	Tatsumi	Japan	The University of Tokyo	Individual-level analysis of damage to residual trees after single-tree selection harvesting in northern Japanese mixedwood stands
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	ryosuke	watanabe	Japan	Nagoya University	Ergonomic and Productive Effects of Replacement Steel Wire Ropes with Synthetic Ropes for a Mobile Tower Yarder
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Takeshi	Yamada	Japan	Forestry and Forest Products Research Institute	Operational efficiency of the containerized seedlings planting machine
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Yozo	Yamada	Japan	Graduate School of Bio-agricultural Sciences, Nagoya University	Comparative study of the ergonomic spectrum at the levels of logging entities and prefectures
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Se Kyung	CHONG	Korea, Republic of	Korea Forest Research Institute	Economic Impact Analysis on Forest Road Construction Using Input-Output Analysis
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Byoungyun	Ji	Korea, Republic of	Korea Forest Research Institute	Forest Road Network Planning for Timber Harvesting on Mountainous Areas Using GIS in Korea
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Byoungyun	Ji	Korea, Republic of	Korea Forest Research Institute	A study on the productivity and cost of cable logging in Korea
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	NORIZAH	KAMARUDIN	Malaysia	UNIVERSITI PUTRA MALAYSIA	FOREST ROAD PLANNING AND DESIGN IN PENINSULAR MALAYSIA
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Adam	Lubera	Poland	State Forests, Poland	Technical and technological valorisation of forest areas for machine timber harvesting on the basis of the CI index (Cone Index) in European forestry
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Grzegorz	Szewczyk	Poland	University of Agriculture in Krakow	Valorization of complementary working time lengths in timber harvesting and skidding operations
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Jurij	Beguš	Slovenia	Slovenia Forest Service - Zavod za gozdove Slovenije	The forest roads information database system
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Marco	Hernandez Velasco	Sweden	Dalarna University	Cultivation of forest regeneration materials under artificial radiant sources - effects of light intensity on energy consumption and seedlings' development.
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Marco	Hernandez Velasco	Sweden	Dalarna University	Energy efficiency in intensified production of forest regeneration materials – design of a photovoltaic system for sustainably powering an innovative forestry incubator.
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Barbara	Bomfim	United States	University of California Davis	The impacts of selective logging on litter input, soil carbon and nutrient stocks, in the Brazilian Amazon
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Robert	Keefe	United States	University of Idaho	Areas of forest required to maintain sustainable, local wood supplies in pacific northwest communities
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Francis	Putz	United States	CIFOR/University of Florida	SLOPE RESTRICTIONS ON LAND-USE PRACTICES: CONSEQUENCES FOR BORNEO OF DIFFERENT DEFINITIONS AND LIMITS
Forests and Forest Products for a Greener Future	183 Forest operations engineering and management - the way ahead	Yecheng	Xu	United States	School of Forestry and Wildlife Sciences	Value of Vocational Logging Training
Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Katia	Manzanares Ayala	Cuba	Agri-Forest Research Institute	Local experience with the use of wood residues from a sawmill in Cuba
Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Stephen	Tekpetey	Ghana	Forestry Research Institute of Ghana	Towards enhanced utilization of logging residues for green construction: The assessment of the Branchwood of <i>Khaya ivorensis</i> in Ghana
Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Bamidele Olujide.	Fatade	Nigeria	Forestry Research Institute of Nigeria	Potentials of Landfill Wastes in Energy Generation in Nigeria
Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Adejoba	Olajide Razaq	Nigeria	Forestry Research Institute of Nigeria	GREEN BUILDING: DIMENSIONAL STABILITY OF BLOCK PRODUCED FROM SAWDUST AND SAND
Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Ambrose	Dodoo	Sweden	Linnaeus University	Climate implications of end-of-life management options for wood products
Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Öznur	Özden	Turkey	University of Istanbul	Paper Honeycomb Panels and Sustainability
Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Phil	Araman	United States	USDA Forest Service Southern Research Station	Home Construction Waste and Potential Recycling Options

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Forests and Forest Products for a Greener Future	186 Recovery, reuse, and recycling of wood products for a greener future	Phil	Araman	United States	USDA Forest Service Southern Research Station	Wood Pallet Production, Disposal, Recovery, Reuse and Recycling in the U.S.
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Harald	Vacik	Austria	Institute of Silviculture, University of Natural Resources and Life Sciences	Estimation of the value of Non-timber forest products (NTFP) and services in Austria
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Koupamba Gisèle	SINASSON SANNI	Benin	Laboratory of Applied Ecology, Faculty of Agronomic Sciences, University of Abomey-Calavi, Benin	Combined impact of exploitation and habitat degradation on the abundance and structure of <i>Mimusops andongensis</i> Hiern in Benin
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Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Sheila	Mbiru	Kenya	Kenya Forestry Research Institute	Potential gum Hagar production from <i>Commiphora holtziana</i> in Kenya
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Meshack	Muga	Kenya	Kenya Forestry Research Institute	Resource Assessment and Mapping of <i>Acacia senegal</i> var. <i>kerensis</i> in Samburu and Isiolo Counties, Kenya
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Pawel	Staniszewski	Poland	Warsaw University of Life Sciences SGGW	Assessment of Non-Wood Forest Product Resources - Trends in Poland
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Udith	Jayasinghe-Mudalige	Sri Lanka	Wayamba University of Sri Lanka	Forestry Sector Contribution to the National Accounts of Sri Lanka: An Economic Assessment of Household Utilization of Non-Timber Forest Products
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Steve	Kruger	United States	Virginia Tech	Underground Value: Assessing Non-Timber Forest Products in Appalachia
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Jean Didier	Akpona	Benin	Laboratory of Applied Ecology	Ethnobotany and structure of natural stands of plant toothbrush species in Southern and Central part of Benin
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Srdjan	Ljubojevic	Bosnia and Herzegovina	University of Banja Luka, Faculty of Forestry	Medicinal and aromatic plants in Eastern Herzegovina and their socio-economic importance for locals
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Andrea	Alechandre	Brazil	Parque Zoológico - Universidade Federal do Acre	Beyond individual plant yield: integrating diverse socio-environmental factors to estimate commercial production of an Amazonian non-timber forest product
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Ana Cláudia	Lira-Guedes	Brazil	Embrapa Amapá	Density and regeneration of <i>Carapa guianensis</i> Aublet. in floodplain forests of the Amazon estuary in Amapá State, Brazil
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Maurício	Vassali	Brazil	UFRRJ	PRODUCTION OF MATE (<i>Ilex paraguariensis</i>) IN RIO GRANDE DO SUL, BRAZIL IN THE LAST YEARS: DISCUSSING THE CURRENT CRISIS
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Lucia	Wadt	Brazil	Centro de Pesquisa Agroflorestal do Acre (Embrapa Acre)	An easily accessible technology to increase Brazil nut stand productivity: a case study in Chico Mendes Extractive Reserve
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Željko	Zgrablić	Croatia	Croatian Forest Research Institute, Centre for Forest Ecosystem Goods and Services „Josip Ressel“	Preliminary research of fungi productivity in Austrian pine (<i>Pinus nigra</i>) stands in Istria, Croatia
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Ludek	Sisak	Czech Republic	Czech University of Life Sciences Prague, Faculty of Forestry and Wood Sciences	Main Non-Timber Forest Products' Socio-Economic Importance for Inhabitants of the Czech Republic
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Pramod	Shukla	India	Principal Chief Conservator of Forests Working Plan & Forest Land Records Madhya Pradesh, India.	RESOURCE SURVEY AND BEAT-LEVEL MICRO PLANNING FOR SUSTAINABLE MANAGEMENT OF NON- TIMBER FOREST PRODUCTS IN MADHYA PRADESH (INDIA)
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Kamuhelo	Lisao	Namibia	National Forestry Research Centre, Namibia	Inventory report of <i>marula</i> (<i>Sclerocarya birrea</i>) trees in Namibia
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Damodar	Gaire	Nepal	Civic Forum for Sustainable Development	Status, Distribution, Conservation and Use Value of Medicinal and Aromatic Plants (MAPs)
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Dhananjaya	Lamichhane	Nepal	Ministry of Forest and Soil Conservation, Nepal	Domestication of the Prioritized Medicinal and Aromatic Plants in Community Forestry
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Gideon	Adedayo	Nigeria	Federal University of Technology Akure	Uses and Preferences of NTFPs among urban Households in Ado-Ekiti Metropolis, Ekiti State, Nigeria.

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Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	Amah	AKODEWOU	Togo	Laboratory of Botany and Plant Ecology, University of Lomé (Togo)	Floristic diversity of Sorindeia warneckei Engl. thickets. (Anacardiaceae) of Lama depression in Togo.
Forests and Forest Products for a Greener Future	197 Forest resources assessment for non-wood forest products	James	Chamberlain	United States	USDA Forest Service	A National Assessment of Non-Timber Forest Products: Prospects for improving the reporting of volumes and values of these products
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Mersudin	Avdibegovic	Bosnia and Herzegovina	Faculty of Forestry	Governance, legality of timber and corruption: the case of the Federation of Bosnia-Herzegovina
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Wenming	Lu	China	Chinese Academy of Forestry	Legal Challenges for FLEGT and EUTR
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Bas	Arts	Netherlands	Wageningen University	Legality and 'the three Gs'
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Errol	Meidinger	United States	SUNY Buffalo Law School	Are Timber Legality Requirements Giving Rise to an International Forest Law?
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Margaret	Shannon	United States	European Forest Institute	Feminist Perspectives on Legality of Timber and Governance
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	CARLA	CORREA	Brazil	NIMAD/FEDERAL UNIVERSITY OF PARANÁ	Changes to the Brazilian Forest Code and the applicability of the new law.
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	FOMOU NYAMSI	Ghislain Aimé	Cameroon	university Yaoundé I	Evaluation of the management of two community forests in the Eastern Region Cameroon (ASDEBYM and CODECBOM) under the FLEGT.
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	xinjian	luo	China	Chinese Academy of Forestry	CHINA'S TROPICAL TIMBER PROCESSING SMFES' CHALLENGES AND OPPORTUNITIES FOR PROCUREMENT OF TIMBER FROM LEGAL AND SUSTAINABLY MANAGED FOREST
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Yitagesu Tekle	Tegegne	Finland	European Forest Institute	How can forest governance approaches under FLEGT VPA and REDD+ be helpful for each other?
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Lawrence	Damnyag	Ghana	Forestry Research Institute of Ghana	Curbing illegal logging in Ghana: the role of incentives to decentralized forest fringe community institutions in the VPA world
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Melvin	Cruz	Honduras	Fundacion MaderaVerde	BARCODE TIMBER-TRACKING: AN INNOVATIVE SYSTEM FOR CHAIN-OF-CUSTODY MANAGEMENT OF MAHOGANY GUITAR PARTS FROM THE HONDURAN RAINFOREST
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Delmy	Manzanares	Honduras	CATIE	The effect of illegal forest products in Honduras in the development of productive value chains
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Tuti	Herawati	Indonesia	Centre for Forestry Research and Development on Forest Productivity, Ministry of Forestry	Policies On Smallholder Timber Trade In Indonesia: Disparity between the Concepts, Practices and Impacts
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Bayuni	Shantiko	Indonesia	CIFOR	Can small scale furniture producer comply and benefit from Indonesia timber legality assurance system?
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Ugai	Watanabe	Japan	Chiba Institute of Technology	Residual DNAs Extracted from Timbers and Its Effectiveness for Identification of Wood Species
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Ziyi	Lu	United States	Center for International Trade in Forest Products, University of Washington	The Potential of Legal Timber Trade Policies to Expand Demand for US Wood Products in the Chinese Re-Exports Sector
Forests and Forest Products for a Greener Future	241 Forest governance and legality of timber: Challenges of legality in practice	Benjamin	Roe	United States	Center for International Trade in Forest Products	Impact of timber legality policies on US wood importers and their business practices
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Justin	Bull	Canada	UBC	Media consumption, environmental values, and the sustainability of forestry: Exploring perceptions of paper and digital media
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Katja	Lähtinen	Finland	Department of Forest Sciences/University of Helsinki	Designers' wooden furniture ecodesign implementation in Scandinavian Country-of-Origin (COO) branding
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Ning	Li	Finland	University of Helsinki, Finland	Role of the private sector in forest ecosystem services (FES): markets, drivers, constraints and strategies towards market development
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Daniel	Halaj	Slovakia	Technical University in Zvolen	Producer versus customer-oriented mix within the forest biomass market

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Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Martin	Greijmans	Thailand	RECOFTC	Fundamentals of viable inclusive or pro-poor business models in community forestry
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Zhen	Cai	United States	University of Missouri	Corporate Social Responsibility in the Wood Products Industry: US and Chinese Consumers' Perspective
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Judd	Michael	United States	Penn State University	Resisting Isomorphism: Investigating the Adoption of Corporate Environmentalism in the Forest Products Industry
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Rajat	Panwar	United States	Northland College	Ongoing corporate responsibility initiatives amidst an economic downturn
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Florian	Kraxner	Austria	Ecosystems Services and Management Program (ESM), International Institute for Applied Systems Analysis (IIASA)	Global Forest Management Certification – Future Development Potentials
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Oscar	Montaño Choque	Bolivia	Gobernacion de Cochabamba, Bolivia	Business plan for commercializing pine (Pinus) wood logs in the region of the Andean valleys of Cochabamba
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Ana Paula	Fernandes	Brazil	Universidade Federal do Paraná	Evolution of prices and unitary costs of the plywood production on the Paraná State
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	David	Fell	Canada	Fpinnovations	Bringing the forest in: establishing the link between the use of wood and health in the built environment
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Sen	Wang	Canada	Canadian Forest Service	Value Chain and Value Network in the Forest Sector
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Jani	Holopainen	Finland	University of Helsinki	Consumer preferences for wood product information content in sustainability context
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Tarmo	Räty	Finland	Metla	Platform for Cost Efficient Environmental Assessment
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Anne	Toppinen	Finland	University of Helsinki	"First I would go to IKEA": A consumer cultural approach to young people's choice of wooden household furniture in Germany and Finland
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Minli	Wan	Finland	University of Helsinki	Consumer perceptions of children's furniture in Shanghai and Shenzhen, China
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Andreas	Manuel	Germany	Chair of Forest Utilization / University of Freiburg	What makes wood so attractive? Transforming consumers' emotions into material characteristics
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Dodik Ridho	Nurrochmat	Indonesia	Department of Forest Management, Bogor Agricultural University	VPA on Forest Law Enforcement Governance and Trade between Republic of Indonesia and European Union: Who gains the benefits?
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Yoshiyuki	Chinen	Japan	Faculty of Agriculture, University of the Ryukyus	The current status of wood utilization for residential housing in Okinawa prefecture, Japan
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Kristian	Bysheim	Norway	Norwegian institute of wood technology	# Relationships between environmental impacts and added value in Norwegian wood processing industries
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Ljiljana	Keca	Serbia	Ass. Professor/University of Belgrade, Faculty of Forestry	Development of Marketing Activities in Production of Logs in Serbia
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Yvonne	Brodrechtova	Slovakia	Technical University in Zvolen	Timber trade and its effectiveness in the context of Slovakia
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Hubert	Palus	Slovakia	Technical University in Zvolen	Conditions at the forestry contractors market in Slovakia
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Jan	Parobek	Slovakia	Technical University in Zvolen	Wood Flow Analysis in the Slovak Forest Industry
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Matti	Stendahl	Sweden	Swedish University of Agricultural Sciences	Operations management, cooperation and negotiation in the wood supply chain – the relationship between sawmills and sawlog suppliers
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Edward	Bilek	United States	USDA Forest Service, Forest Products Laboratory	Nanocellulose Market Volume Projections: a Derived Demand Analysis
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Urs	Buehlmann	United States	Virginia Polytechnic Institute and State University	Small enterprises and the U.S. secondary wood industry
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Henry	quesada-pineda	United States	virginia tech	Factors impacting exports of US hardwoods: A case of study in Germany, China, and Vietnam

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Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Richard	Vlosky	United States	Louisiana Forest Products Development Center/LSU	Biomass Supply Chains: Mapping Flows and Identifying Forest Sector Business Opportunities
Forests and Forest Products for a Greener Future	25 Contributions of business and marketing to a greener future	Xiaoping	Zhou	United States	USDA Forest Service	Forest products trade and wood carbon flows --- Case study of forest product trade between US west coast and China
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Sasa Sofyan	Munawar	Indonesia	Center for Innovation, Indonesian Institute of Science (LIPI)	Evaluation the Properties of Gypsum Particleboard made of the Naturally and Plantation Red Meranti Wood
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	James	Fabiyi	Nigeria	Federal University of Technology, Akure	Compatibility Test of Hybrid Cement with Sawdust and Water Mixes in the Production of Cement Bonded Composite
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Kehinde	Olonisakin	Nigeria	Federal University of Technology, Akure	CHARACTERISATION OF OIL PALM FIBRE BASED COMPOSITES REINFORCED WITH LOW DENSITY POLYETHYLENE
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Zeinab	Osman	Sudan	Institute of engineering research and materials technology, National center for research	Development of tannins - based adhesives and their applications in the biocomposites
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Pavlo	Bekhta	Ukraine	National University of Forestry & Wood Technology of Ukraine	Innovative Manufacturing Technology for Veneer-Based Products with Enhanced Surface Quality and Lowered Glue Consumption
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Robert	Erickson	United States	Univ. of Minnesota	An Engineered Wood Composite Pole Of Superior In-Service Performance At A Commanding Price.
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Brian	Via	United States	Forest Products Development Center, Auburn University	Liquefaction and Pyrolysis Conversion of Forest Resources into Bio-oil: for a Greener Epoxy and Potential Wood Composite Applications
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Qinglin	Wu	United States	LSU	EFFECT OF REINFORCED SHELL LAYERS ON OVERALL COMPOSITE PROPERTIES OF CO-EXTRUDED WOOD PLASTIC COMPOSITES
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Cláudio	Del Menezzi	Brazil	Dept. Forest Engineering/University of Brasília	FLEXURAL PROPERTIES OF WOOD I-BEAM FLANGED WITH PINE (Pinus sp.) AND CURUPIXÁ (Micropholis venulosa)
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Paula	Surdi	Brazil	ESALQ/USP	Caryocar villosum (Aubl.) Pers. as a Bioresource: Evaluation of particleboard technological properties
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Yongjian	Cao	China	Guangdong Academy of Forestry	Effect of Different Treatments on Tensile Properties of Flax Fibres
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Yongqun	Xie	China	Chinese	Reinforcement of plant fiber-based ultra low density material with sodium silicate
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Lucie	Chupin	France	EPCP-IPREM	Maritime pine bark extraction for tannin-lignin adhesives
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Emmanuel	Appiah-Kubi	Ghana	Forestry Research Institute of Ghana	Use of wood and agricultural residues in brick production: an environmentally friendly alternative to Cement Blocks in Ghana
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Yuliati	Indrayani	Indonesia	Faculty of Forestry, Tanjungpura University	Strength of Red Meranti (Shorea leprosula Miq) Three-Layer Particleboard from Natural and Plantation Forest
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Krisdianto	Sugiyanto	Indonesia	Forestry Research and Development Agency (FORDA)	MECHANICAL PROPERTIES ENHANCEMENT OF PLANTATION FOREST WOOD AS A CORE-LAYER OF LAMINATED BAMBOO
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Sun-Young	Lee	Korea, Republic of	Korea Forest Research Institute	Synergistic effect of metal hydroxides and wood on thermal stability of polypropylene in WPCs
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Javier-Ramón	Sotomayor-Castellanos	Mexico	Universidad Michoacana de San Nicolás de Hidalgo	Improving Mexican Forest Viability by Technological Characterization of Commercial Wood Composites by Nondestructive Methods
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	KEHINDE	AINA	Nigeria	SCIENTIST/FORESTRY RESEARCH INSTITUTE OF NIGERIA	Effect of Aluminum Trihydrate on Rheological properties of Wood Plastic Composites produced from Eucalyptus spp
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Babajide	Falemara	Nigeria	Forestry Research Institute of Nigeria	STRENGTH AND SORPTION PROPERTIES OF BAMBOO (Bambusa vulgaris) WOOD-PLASTIC COMPOSITES
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Olusola	Osuntuyi	Nigeria	Department of Wood Units, School of Vocational Studies, College of Education, Ikere Ekiti, Nigeria	Compatibility and Physico-Mechanical Properties of Cement Bonded Composites Produced from Wastepaper and Obeche (Triplochiton Scleroxylon) Sawdust
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Hector F	Archila Santos	United Kingdom	UNIVERSITY OF BATH	Cross laminated bamboo-Guadua panels for construction
Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Salim	Hiziroglu	United States	Oklahoma State University	Properties of Wood Plastic Composite Made from Nanoclay Added Eastern Redcedar

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Forests and Forest Products for a Greener Future	258. Bio-based composite and engineered products from wood and non-wood forest resources	Hui	Li	United States	University of Idaho	Synthesis and Characterization of smart pyrolysis-lignin-co-poly(ester-amides) thermoplastic elastomeric systems
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Pedro Henrique	Gonzalez de Cademartori	Brazil	Federal University of Paraná	The effect of cold plasma treatment on wettability of Brazilian wood flooring surface
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Guangping	Han	China	Northeast Forestry University	Cellulose Nanoparticle-Reinforced Polymethylmethacrylate Composites: Effect of Acid Hydrolysis Conditions
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Ling	Long	China	Research Institute of Wood Industry, Chinese Academy of Forestry	Effect of Nano Materials on the Wearing Resistance and Hardness of Water-based Wood Coating
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Feng-Cheng	Chang	China - Taipei	School of Forestry and Resource Conservation/National Taiwan University	Applying electrospinning technology to produce lignin fibers
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Wei	Xu	Germany	Albert-Ludwigs-University Freiburg	Life Cycle Assessment of cellulose nanowhiskers prepared with ionic liquid
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Sun-Young	Lee	Korea, Republic of	Korea Forest Research Institute	Cellulose nanofiber-derived separator membranes featuring tunable nanoporous network for lithium ion batteries
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Nor Azah	Mohamad Ali	Malaysia	FRIM	Classification of Agarwood Quality by Electronic Nose Technology
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Ronniel	Manalo	Philippines	UPLB	Effects of Electrospinning Process Parameters on the Morphology of Nanofibers from Bambusa blumeana J.A. and J.H. Schultes Cellulose Acetate
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Yadong	Qi	United States	Southern University of United States	Novel Nanotechnology for Forest and Forest Product Protection
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Myungkil	Kim	Korea, Republic of	Korea Forest Research Institute	Enzymatic biodegradable characterization of wood decaying fungi
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Sun-Young	Lee	Korea, Republic of	Korea Forest Research Institute	Colloidal silica nanoparticle-assisted structural control of cellulose nanofibril separators for lithium ion batteries
Forests and Forest Products for a Greener Future	259. Applications of nanotechnology and biotechnology in forest products research	Ronniel	Manalo	Philippines	UPLB	Production and Characterization of Cellulose Nanocrystals from Abaca (Musa Textilis Nee.)
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Alexis	Achim	Canada	Université Laval	Lumber value from selection cuttings in uneven-aged northern hardwood forests
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Cosmin	Filipescu	Canada	Natural Resources Canada, Canadian Forest Service	Value recovery in intensively managed second-growth forests: is all volume created equal?
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Riikka	Piispanen	Finland	Finnish Forest Research Institute	Wood Quality of Uneven-Aged Norway Spruce Sawn Goods: a Case Study in Southern Finland
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Franka	Brüchert	Germany	Forest Research Institute of Baden-Württemberg	Douglas fir roundwood quality – Impact of growth space on juvenile development, wood density and branch development for future timber quality
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Bharat	Gotame	Nepal	Department of Forest/Ministry of Forest and Soil Conservation, Nepal	Profitability of uneven-aged forest harvesting practices: Learning from Central India
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Paul	McLean	United Kingdom	Forest Research	The economics of product quantity vs product quality in Great Britain's forest resource
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Jamie	Barbour	United States	US Forest Service	Balancing Landowner Objectives, Society's Desire for Ecological Sustainability, and Wood Quality in the United States
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Julia Carolina	Athanázio-Heliodoro	Brazil	FCA - UNESP	Properties of guapuruvu wood (Schizolobium parahyba (Vell.) Blake) from forest recovery areas in Brazil

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Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	David	Auty	Canada	Université Laval	Modelling the effects of partial harvesting on lumber product assortment and value: a case study in the eastern Canadian boreal forest
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Shuirong	Wu	China	Chinese Academy of Forestry	Integrated Ecological and Socioeconomic Evaluation of Valwood Agroforestry in Germany and China and its Comparative Analysis
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Marius	Aleinikovas	Lithuania	Institute of Forestry, Lithuanian Research Center for Agriculture and Forestry	INFLUENCE OF ROT ON LIVING TREES NORWAY SPRUCE (PICEA ABIES (L.) KARST.) WOOD DENSITY AND STRENGTH PROPERTIES
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Marine	Elbakidze	Sweden	Swedish University of Agricultural Sciences	Sustained Yield Forestry in Sweden and Russia: How Does it Correspond to Sustainable Forest Management Policy?
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Don	Bragg	United States	USDA Forest Service, Southern Research Station	Specific gravity-driven southern pine silviculture: an opportunity to improve ecosystem services and multifunctional forests
Forests and Forest Products for a Greener Future	41 Intensive or ecosystem-based forest management – impact on yield, wood quality and economic return?	Andrew	Nelson	United States	University of Arkansas at Monticello	Long-term Response of Natural-Origin Even-Aged Southern Pine to Early Competition Control and Density Management in Arkansas, U.S.A.
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Daniel	Mendham	Australia	CSIRO Ecosystem Sciences	Integrating our understanding of water, nutrition and physiology to manage tropical Eucalyptus and Acacia plantations
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Santiago	Barros	Chile	Instituto Forestal (INFOR) Chile	Introduction of Eucalyptus species in Chile
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Christian	Jurgensen	Denmark	FAO	Status and trends of wood production from forest plantations
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Joe	Cobbinah	Ghana	Forestry Research Institute of Ghana	Forest cover loss in humid West Africa: a case for commercial plantations driven by business
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Avtar	Singh	India	Punjab Agricultural University, Ludhiana, Punjab, India	Designing and augmentation of poplar wood supply chain through diversification in northern Indian
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Rahmawaty		Indonesia	University of Sumatera Utara	Land Suitability Mapping for Eucalyptus grandis and Durio zibethinus as Agroforestry Plants Using Geographic Information System
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Yasushi	Mitsuda	Japan	University of Miyazaki	Modeling potential site productivity for Japanese cedar for selecting suitable sites for managing planted forests
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	ESTEBAN	PÉREZ-CANALES	Mexico	INSTITUTO DE SILVICULTURA E INDUSTRIA DE LA MADERA UJED	Mexico cold temperate forest and commercial forest plantations
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Mart-Jan	Schelhaas	Netherlands	ALTERRA Research Institute, Wageningen	future role of plantations in Europe
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Peter	Clinton	New Zealand	New Zealand Forest Research Institute Ltd (Trading as Scion)	Future expectations of Forest Soils
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Tim	Payn	New Zealand	Scion	Using a criteria and indicators framework to explore future impacts of planted forests on New Zealand's economy, environment, and society
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Elizabeth	MONGES	Paraguay	Universidad Nacional de Asuncion	Stakeholders' perception of timber plantation development in Paraguay
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Margarida	Tomé	Portugal	Forest Research Centre, School of Agriculture, Technical University of Lisbon	Sustainability of the Portuguese eucalyptus forest under different scenarios of wood and biomass demand, forest management and climate scenarios
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Daniela	Kleinschmit	Sweden		Complexity of governance of planted forests
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Abdemhamid	Khaldi	Tunisia	INRGREF	Management and valorization of stone pine (Pinus pinea L.) stands in Tunisia: innovations for a better governance
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Thomas	Fox	United States	Virginia Tech Univeristy	Contribution of planted forest to sustainable production of forest products and ecosystem services
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Dionisio	Battad	Australia	South Australian Forestry Corporation	The Role of Geospatial Technology in Monitoring Forest Pest Infestations in Planted Forests: The South Australian Forestry Corporation Experience

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Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Emma	Soraya	Australia	The Australian National University/ Universitas Gadjah Mada	Growth dynamics of silvertop ash regrowth forests in East Gippsland in response to contrasting thinning and fertiliser applications: A twenty-year evaluation
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Michellyn	Bentes Gama	Brazil	The Brazilian Agricultural Research Corporation - EMBRAPA	Growth reaction of a multiple use species (<i>Tectona grandis</i> L. F.) to pruning in the State of Rondonia, Brazilian Amazon
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	ANDRE	LACERDA	Brazil	EMBRAPA	INFLUENCE OF SPACING REGIMES ON THE DEVELOPMENT OF LOBLOLLY PINE (<i>Pinus taeda</i> L.) IN SOUTHERN BRAZIL
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Ari	Schwans	Brazil	UFPR/UNICENTRO	Economic viability of forest cultivation x extensive cattle on small farms of Family Farming
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Jingmin	Jiang	China	RISF,CAF	Variation of Stem Growth and Morphology Traits of some pine Hybrids in southern China and their Correlations
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Huiquan	Zheng	China	Guangdong Academy of Forestry	Growth selection and wood quality analysis of thirty-eight <i>Cunninghamia lanceolata</i> clones in Guangdong, China
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Victor	Nieto	Colombia	CONIF	Eucalyptus in Orinoco Colombia, challenges and opportunities
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Kaue	Sousa	Costa Rica	Centro Agronómico Tropical de Investigación y Enseñanza - CATIE	Production chain of native forest tree seeds in Brazilian Amazon
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Charles	Essien	Ghana	CSIR- Forestry Research Institute of Ghana	Promoting timber supply from sustainable source in Ghana: Durability issues of plantation grown <i>Khaya ivorensis</i>
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Stephen	Tekpetey	Ghana	Forestry Research Institute of Ghana	The Technological Properties of Plantation Grown Mahogany in Ghana: Are they inferior to Naturally Grown Ones?
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Toshiaki	Owari	Japan	The University of Tokyo	Height growth of Korean pine saplings planted under strip-cut larch plantations in northeast China
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	AHMAD ZUHAI	YAHYA	Malaysia	FOREST RESEARCH INST. MALAYSIA	Long-term Observation from Model Plantation of <i>Dyera costulata</i> (jelutong) in Pahang Province, Peninsular Malaysia: 12 years after planting
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	TUNDE	ADENIRAN	Nigeria	FEDERAL COLLEGE OF FORESTRY, IBADAN	ACCELERATED TREE PLANTING; A PANACEA FOR ENVIRONMENTAL DEGRADATION CHALLENGES IN NIGERIA
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	María Ysabel	Perdomo Rolón	Paraguay	Instituto Forestal Nacional	ANALYSIS OF SEEDLING PRODUCTION IN FOREST NURSERIES IN THE ALTO PARANÁ DISTRICT OF PARAGUAY
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Ljiljana	Keca	Serbia	Ass. Professor/University of Belgrade, Faculty of Forestry	Market Dynamics for Plantation-Grown Poplar Forest Products in Serbia
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Luis	Diaz-Balteiro	Spain	Technical University of Madrid	A methodological proposal for the assessment of the sustainability of <i>Eucalyptus</i> spp plantations in Spain
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Deepani	Alawathugoda	Sri Lanka	Forest Department, Sri Lanka	Domestication of Indian Sandalwood (<i>Santalum album</i>) in Sri Lanka: Challenges and opportunities
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Eric	Carbaugh	United States	Virginia Tech	Effect of silvicultural intensity and spacing on crown architecture of four loblolly pine clones
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Faith	Inman-Narahari	United States	University of Hawaii	Tropical Hardwood Tree Improvement and Regeneration Center: strategies for creating a new collaborative research and extension partnership
Forests and Forest Products for a Greener Future	55 Planted forests: meeting future global forest product needs sustainably	Katherine	Sinacore	United States	University of New Hampshire	Species diversity effects on productivity and water use in a tropical tree plantation
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	William Tomaz	Folmann	Brazil	Universidade Federal do Paraná	Technological innovations with regard to the production and consumption of industrial timber for pulp production
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Na	Yu	China	Nanjing Forestry University	Exploring impact of process innovation on the human side by using human simulation analysis: a case study in Chinese furniture manufacturing firms
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Liina	Häyriinen	Finland	University of Helsinki	Forest landowners: lead users for multiple uses of forests and sustainable consumption?
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Henrik	Heräjärvi	Finland	Finnish Forest Research Institute	Renewing Wood Product Value Chains and Timber Procurement Solutions
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Filippo	Brun	Italy	DISAFA - University of Torino - Italy	Valorization of marginal forest lands through non-wood products supply chain: the example of truffle and mushrooms in Italy
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Erlend	Nybakk	Norway	Norwegian forest and landscape institute	Innovation in forest management for new forest owner types – a literature review.

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Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Sonia	Quiroga	Spain	Universidad de Alcalá	Analysing multi-product economic efficiency relative to forest ownership types in Spain: Implications for management and policy.
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Anders	Roos	Sweden	Swedish University of Agricultural Sciences	Innovation diffusion of new wood-based materials
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Maria Anna	Huka	Austria	University of Natural Resources and Life Sciences, Vienna	Production planning at a sawmill – comparing optimization models with simple heuristics for the short term multi-period production problem
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	JOEL DE JESUS	MACEDO	Brazil	UNIVERSIDADE FEDERAL DO PARANA	REMUNERATION OF LAND IN FOREST INVESTMENT ANALYSIS
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	JOEL DE JESUS	MACEDO	Brazil	UNIVERSIDADE FEDERAL DO PARANA	RELEVANT ASPECTS OF VALUATION OF LAND IN INVESTMENT ANALYSIS
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Mark	Boyland	Canada	Natural Resources Canada	Climate change and the Canadian forest industry: the economic realities of a changing forest resource
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Pablo	Crespell	Canada	FPInnovations	Tall buildings – an approach to modelling economic, carbon, and employment effects
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Liming	Shen	China	Nanjing Forestry University of China	Key problems of the use of environmental-friendly straw board in furniture production: some countermeasures
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Maryetha	Fonseca	Colombia	Ministerio de Agricultura y Desarrollo Rural	FINANCIAL SENSITIVITY ANALYSIS FOR A WOOD TRANSFORMATION PROJECT IN THE AMAZON FOREST
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Erkki	Verkasalo	Finland	METLA The Finnish Forest Research Institute	Wood Materials and Products in the Development of Bio-Economy - RDI Programme of the Finnish Forest Research Institute (Metla)
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Kafui Kwesi	Agyeman	Ghana	Kwame Nkrumah University of Science and Technology, Kumasi, Ghana	Salvaging the interest of the Woodworker: the “Metinwood” Approach
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Yoon-Seong	Chang	Korea, Republic of	Seoul National University	Assessment for Half-life and Carbon Stock of Harvested Wood Products in Korea
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Stephen	Odeyemi	Nigeria	Department of forest resources management, university of ibadan, Nigeria	Linear programming Approach for optimal harvesting schedules of Tectona grandis (Linn.F) plantations in ibadan, Nigeria.
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Erlend	Nybakk	Norway	Norwegian forest and landscape institute	Growth drivers within the firewood industry
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Luis	Morgado	Portugal	Instituto Superior Tecnico	Method and criteria for choosing a timber construction system supported by architectural and construction types
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Kerstin	Hemström	Sweden	Linnaeus University	Implications of contractor motivations and perceptions of wood construction
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Mesut	Tandoğan	Turkey	Marmara Forestry Research Institute	A New Method in Plantations on High Sloping Land: BUROR Terrace with Mini Excavator
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Tait	Bowers	United States	University of Washington	Factors influencing architects in specifying eco-labeled wood products in the U.S. residential construction industry.
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Robert	Erickson	United States	Univ. of Minnesota	Drying Dimension Lumber--Winning The Game Without Breaking The Rules
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Indroneil	Ganguly	United States	School of Environmental and Forest Sciences, University of Washington	Role of US Homebuilders' Psychographic Orientation in Their Adoption and Use of Certified Wood in Residential Construction Projects
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Maria Fernanda	Laguarda Mallo	United States	University of Minnesota	“Awareness, Perceptions and Willingness to Adopt CLT in the United States”
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Patrick	Rappold	United States	Arizona State Forestry Division	Adaption to Small Log Processing in Arizona
Forests and Forest Products for a Greener Future	87 Innovation in the forest sector: maximizing the sector's competitiveness	Alyson	Wade	United States	Oregon State University	Industry perspectives on wood as a structural green building material
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	SHARMILA	DAS	Bangladesh	BANGLADESH FOREST RESEARCH INSTITUTE, CHITTAGONG, BANGLADESH	Gender Perspective in Coping Strategies during Seasonal Livelihood Calendar in the Tribal Communities of Chittagong Hill Tracts, Bangladesh
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	NADINGA / YAMEOGO	JOSEPHINE	Burkina Faso	CNRST/INERA/DPF	The Women role in the forest management at the Hippos Pool Biosphere Reserve, Burkina Faso : case of the firewood

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Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Abdon	Awono	Cameroon	CIFOR	Can Eru contribute to the empowerment of women in Cameroon?
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Sushil Kumar	Singla	India	Ministry of Agriculture, Govt. of India	Rural Indian Women - A Journey Towards Empowerment
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Herry	Purnomo	Indonesia	CIFOR and IPB	Gender, Value Added Chains and Certification in Furniture Industry
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Phosiso	Sola	Kenya	CIFOR	Women and charcoal value chains in Eastern and Southern Africa
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Fiona	Paumgarten	South Africa	University of the Witwatersrand	Opportunities for enhancing poor women's socio-economic empowerment in the value chains of three African non-timber forest products (NTFPs)
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Kathryn	Khumalo	United States	University of Montana	Whose Control? Women's Perceptions of Kwandu Conservancy's Non-Timber Forest Product Permit System
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Karen	Rousseau	Burkina Faso	CIRAD / CIFOR	Unravelling the "women's gold": globalization of the shea nuts value chain and its impact on gender balance of shea activities
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Edward D.	Wiafe	Ghana	Department of Environmental and Natural Resources Management, Presbyterian University College, Ghana	The Role of Women in the Management of Forest Resources on Afadjato Mountain Ecosystem in Ghana
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Renu	Singh	India	Asst Director General, ICFRE	GENDER, PARTICIPATION AND COMMUNITY FORESTRY IN MADHYA PRADESH, INDIA
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Nathalie	Van Vliet	Netherlands	ONFi and CIFOR	A gender approach for the analysis of cultural and symbolic factors explaining diets (and animal protein consumption in particular) among urban families from Alto Salimões (Brazil) and Amazonas (Colombia)
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Chukwuka	Agbor	Nigeria	Festry Research Institute of Nigeria	Women as agents of change in Tropcal African environment: A case of Ondo State in Nigeria
Forests and Forest Products for a Greener Future	90 Gender and forestry value chains	Kelechi	Igwe	Nigeria	Department of Agricultural Economics, Michael Okpara University of Agriculture, Umudike, P. M. B. 7267, Umuahia, Abia State, Nigeria	Price Variations and Socioeconomic Determinants of Forest Food Marketing in Umuahia and Ikwuano Local Government Areas of Abia State, Nigeria
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	TOVISSODE	Chenangnon Frédéric	Benin	Faculty of Agronomic sciences / University of Abomey-Calavi	Population structure of bamboo species (<i>Bambusa vulgaris</i> and <i>Oxytenanthera abyssinica</i>) in relation to topographical units in Benin
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Jinhe	Fu	China	International Network for Bamboo and Rattan	Bamboo as a sustainable biomass energy
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Wu	Junqi	China	International Network for Bamboo and Rattan	A Competitive Analysis of Bamboo Products in Global Market
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Feng	TANG	China	International Centre for Bamboo and Ratan	Study on Chemical Constituents and Biological Activities of Bamboo Leaf Extracts
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Yan	Yu	China	International Center for Bamboo and Rattan	Preparation and properties of microfibrillated cellulose (MFC) from bamboo processing residues
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Li	Zhiyong	China	International Network for Bamboo and Rattan	Effectiveness Assessment of Forest Tenure Reform on the Resource Cultivation and Institutional Innovation on Livelihood Development in Bamboo Areas: case studies in China and India
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Elemer	Briceño	Costa Rica	Instituto Tecnológico de Costa Rica	<i>Guadua angustifolia</i> Kunth in Costa Rica, guidelines for sustainable management and use
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Stephen	Tekpetey	Ghana	Forestry Research Institute of Ghana	Bamboo resources for greener future: Assessment of species characteristics for furniture manufacturing and green building in Ghana
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Sowmya	Chandramouli	India	Ph.D. Research Scholar, Institute of Wood Science & technology, Bangalore, India	Edible bamboo shoot utilization– Problems and Prospects in India
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Ajay Kumar	Mahapatra	India	Regional Plant Resource Center	Managing forests for species survival: An ecological assessment of rattan and its utilization (<i>Calamus</i> spp.) in semi evergreen forests of Orissa state, India

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Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Yasodha	Ramasamy	India	Institute of Forest Genetics and Tree Breeding	Field performance of bamboo propagules produced through micropropagation
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Arif	Nuryawan	Indonesia	University of Sumatera Utara	Utilization of Bamboo for Composite Panel Products in Indonesia
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Krisdianto	Sugiyanto	Indonesia	Forestry Research and Development Agency (FORDA)	THE USE OF MICROWAVE TO DRY RATTAN: ITS EFFECT ON THE DRYING COURSE
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Takayuki	Ito	Japan	Forestry and Forest Products Research Institute	Productivity and cost of Moso bamboo harvesting in Japan
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	ROMULO	AGGANGAN	Philippines	FOREST PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE	Bamboo as a New Alternative to Wood in the Philippines
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Aida	Lapis	Philippines	Ecosystems Research and Development Bureau	Harnessing Diversity of Rattans and Its Myriads of Benefits for Green Economy and Environment
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Aur�lio	Louren�o Rodrigues	Brazil	Federal University of Paran� - UFPR	Surveillance of bamboos species in an experimental plantation in Southern Brazil
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Adalberto	Novaes	Brazil	State University from Southern Bahia - UESB	Vegetative propagation of two bamboo species in Southern Brazil
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	chunju	Cai	China	International Centre For Bamboo And Rattan	Physiological and Biochemical Changes of Moso Bamboo seeds in Artificial Aging
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Qi Rong	GUO	China	International center for bamboo and rattan	Development of the Megasporogenesis and Female Gametophyte in Phyllostachys edulis
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Qi Rong	GUO	China	International center for bamboo and rattan	Development of indefinite Inflorescence of Phyllostachys edulis
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	ZHOU	JIANBO	China	Chinese Academy of Forestry, Beijing Forestry Machinery Research Institute of the State Forestry Administration	One Step Production of Multi-reorganization Bamboo Unit in Regular Hexahedron Molding Equipment
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Guanglu	Liu	China	International Centre for Bamboo and Rattan	Main nutrient elements biocycle characteristics study of Phyllostachys edulis forests at different fertilization time in Southeastern China
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Shun	Liu	China	Jiangxi Agricultural University	The Physico-chemical Properties of Soil and Its Correlation with the Growth of Bambusa rigida in Gannan, Jiangxi province, China
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	wenhui	su	China	international center for bamboo and rattan	Winter Shoot Growth and Biomass Accumulation of Phyllostachys edulis
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Shuping	Tu	China	Jiangxi Agricultural University	Study on the Soil Nutrients Limiting Factors in Bambusa rigida Forest Land
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Liangru	Wu	China	CHINA NATIONAL BAMBOO RESEARCH CENTER	Bamboo Shoots Sector In China: Encountering A Great Opportunity With Some Challenges
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	shumin	yang	China	international centre bamboo and rattan	Comparative anatomy of developmental moso bamboo culms
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Min-Jay	Chung	China - Taipei	The Experimental Forest, National Taiwan University	Profiling of Aroma Compounds Released from Four Major Bamboo Shoots of High Economic Value in Taiwan
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Min-Jay	Chung	China - Taipei	The Experimental Forest, National Taiwan University	Profiling of Aroma Compounds Released from Four Major Bamboo Shoots of High Economic Value in Taiwan
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Chia-Ju	Lee	China - Taipei	The Experimental Forest, National Taiwan University	Study on Novel Dyeing Methods for Green-color Preservation of Three Bamboo Culms and Their Colorfastness
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Tefera Belay	Endalamaw	Ethiopia	Wondo Genet College of Forestry and Natural Resources	Micro-differences in Bamboo Commercialization in Ethiopia: Analysis of commercial Income and Value Chain Relationships
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Charles	Essien	Ghana	CSIR- Forestry Research Institute of Ghana	Potentials of bamboo for landscape restoration programs in Ghana: A case of moist semi-deciduous forest zone
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	Edward D.	Wiafe	Ghana	Department of Environmental and Natural Resources Management, Presbyterian University College, Ghana	HARVESTING AND COPPICE MANAGEMENT OF BETA VULGARIS (BAMBOO) IN PROTECTED AND UNPROTECTED AREAS
Forests and Forest Products for a Greener Future	98 Sustaining bamboo and rattan resources	MEENA	BAKSHI	India	FOREST RESEARCH INSTITUTE, DEHRADUN, INDIA	Enhancement of socio-economic status of rurals in Uttarakhand through capacity building and sustainable production of Ringal (Arundinaria sps.)

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Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	Angela Cristina	Paredes Alvarado	Germany	Chair for Forest Utilization, University of Freiburg	High-value lesser known timber species from secondary tropical dry forests in Colombia
Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	Emmanuel	Appiah-Kubi	Ghana	Forestry Research Institute of Ghana	Exploring lesser used timber species in Ghana for greener construction: a case of <i>Cola gigantea</i> and <i>Ficus sur</i>
Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	SUNDARARAJ	RAMACHANDRAN	India	Institute of Wood Science and Technology	INDIAN SANDALWOOD (<i>SANTALUM ALBUM</i> LINN.), AN IMPORTANT BIO-RESOURCE OF INDIA AND ITS SCOPE IN GREENING INDIA
Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	LISTYA MUSTIKA	DEWI	Indonesia	FORESTRY RESEARCH AND DEVELOPMENT AGENCY, MINISTRY OF FORESTRY, INDONESIA	Wood Properties of <i>Shorea agamii</i> P.S. Ashton and Its Potential Utilization as an Alternative for Pulp and Paper Raw Material
Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	Ahmad	Karsidi	Indonesia	IFSA (International Forestry Students' Association) Faculty of Forestry Universitas Gadjah Mada	The Within Tree Variation of Physical and Mechanical Properties of Balsa (<i>Ochroma pyramidale</i>) Grown in Lumajang East Java
Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	Mariana	Ramírez-Pérez	Mexico	Universidad Michoacana de San Nicolás de Hidalgo	Mechanical Characterization of <i>Quercus</i> spp. Mexican Wood by Nondestructive Methods
Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	Bolade	Ogunleye	Nigeria	2. Department of Forestry and Wood Technology, Federal University Technology, PMB 704, Akure, Ondo State, Nigeria	Anatomical and Thermal Characterization of <i>Ricinodendron heudelotii</i> Wood for Effective Utilization
Forests and Forest Products for a Greener Future	Forestry for desired wood quality and products from underutilized forest species	James	Friday	United States	University of Hawaii	Assessing wood quality and developing markets for landowners growing high-value native hardwoods in Hawaii
Forests and Forest Products for a Greener Future	General Poster Session	KARNITA	YUNIARTI	Australia	University of Melbourne	Collapse Development on <i>Eucalyptus saligna</i> at Different Drying Temperature Levels
Forests and Forest Products for a Greener Future	General Poster Session	Hugues	AKPONA	Benin	National Forest Office, Benin	Assessment of current woody species and potentially candidate for forest exploitation: Implication for reforestation system improvement in Benin.
Forests and Forest Products for a Greener Future	General Poster Session	EVELIN	SIRPA ESPINOZA	Bolivia	ASOCIACION DE DERECHO FORESTAL Y AMBIENTAL	TRANSITION WOOD AGE FROM EARLY WOOD TO LATE WOOD OF <i>PINUS RADITA</i> D. DON, IN THE ANDEAN REGION OF COCHABAMBA CITY, BOLIVIA
Forests and Forest Products for a Greener Future	General Poster Session	Ariel	Andrade	Brazil	ESALQ/USP	Evolution of quality wood flooring in Brazilian companies members of a certification program
Forests and Forest Products for a Greener Future	General Poster Session	Ariel	Andrade	Brazil	ESALQ/USP	Analysis of defects in wood flooring manufactured by Brazilian companies members of a certification quality program
Forests and Forest Products for a Greener Future	General Poster Session	Rafaella De Angeli	Curto	Brazil	Universidade Federal do Paraná/Empresa Brasileira de Pesquisa Agropecuária-Floresta	Longitudinal and radial variation of the wood density in a unmanaged stand of <i>Araucaria angustifolia</i>
Forests and Forest Products for a Greener Future	General Poster Session	Cláudio	Del Menezzi	Brazil	Dept. Forest Engineering/University of Brasília Faculdade de Ciências Agronômicas de Botucatu-UNESP-SP- Brasil	YIELD AND CHEMICAL COMPOSITION OF ESSENTIAL OILS FROM LEAVES OF TWO BRAZILIAN SAVANNAH TREES
Forests and Forest Products for a Greener Future	General Poster Session	Júlia	Faria	Brazil	Faculdade de Ciências Agronômicas de Botucatu-UNESP-SP- Brasil	Severity and control of foliar bacterial disease in <i>Eucalyptus</i> spp. seedlings according to the technological level in nurseries.
Forests and Forest Products for a Greener Future	General Poster Session	Graciela Inês Bolzon de	Muñiz	Brazil	Federal University of Parana	Properties of heat treatment wood of <i>Tectona grandis</i>
Forests and Forest Products for a Greener Future	General Poster Session	Liz	Ota	Brazil	UNESP	Non-timber Forest products in the Atlantic Forest and Savanna in São Paulo state, Brazil
Forests and Forest Products for a Greener Future	General Poster Session	Saly	Takeshita	Brazil	ESALQ/USP	Dimensional changes behavior of <i>Erismia uncinatum</i> Warm. submitted to additional heat treatment at 90°C after conventional drying
Forests and Forest Products for a Greener Future	General Poster Session	Saly	Takeshita	Brazil	ESALQ/USP	Physical and chemical characterization of three hardwood species with potential for commercial use
Forests and Forest Products for a Greener Future	General Poster Session	Yves	MEYANGA TONGO	Cameroon	Senior Researcher, Agro economist -forest policy and economics /Ministry of scientific research and innovation- Yaoundé Cameroon	The Local market sawn wood in Yaoundé Cameroon
Forests and Forest Products for a Greener Future	General Poster Session	Marta	Gonzalez	Chile	INSTITUTO FORESTAL	Effect of P and Ca fertilization in the hardening stage of <i>olivillo</i> in nursery plants (<i>Aextoxicom punctatum</i> Ruiz et Pavon)

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Forests and Forest Products for a Greener Future	General Poster Session	Xu	Daping	China	Research Institute of Tropical Forestry, Chinese Academy of Forestry	Promoting heartwood formation of young trees of Santalum album by plant growth regulators
Forests and Forest Products for a Greener Future	General Poster Session	Wenbing	GUO	China	Guangdong Academy of Forestry	Characterization of adventitious root development in Pinus elliottii x Pinus caribaea clones with high P efficiency
Forests and Forest Products for a Greener Future	General Poster Session	An-Min	Huang	China	Chinese Academy of Forestry	Characterization by FT-IR and 2D correlation IR spectroscopy of four Rosewood species of Dalbergia.
Forests and Forest Products for a Greener Future	General Poster Session	Rongfeng	Huang	China	Research Institute of Wood Industry, Chinese Academy of Forestry	Compressed Layer Thickness Controllability and Properties Change of Timber
Forests and Forest Products for a Greener Future	General Poster Session	Yujuan	Liu	China	Guangdong Academy of Forestry	An Approach to optimizing fertilization of Containerized Australian Blackwood (Acacia melanoxylon) Seedlings
Forests and Forest Products for a Greener Future	General Poster Session	Wang	Runhui	China	Guangdong Academy of Forestry	Clonal Variation of Growth and Quality and Multi-Trait Index Selection of Chinese Fir
Forests and Forest Products for a Greener Future	General Poster Session	Wu	Shijun	China	Chinese Academy of Forestry	Eucalypts in China: Research History, Present Situation of Breeding and Silviculture and Future Prospect
Forests and Forest Products for a Greener Future	General Poster Session	Enlong	Xia	China	International Centre for Bamboo and Rattan	Research on the influencing factors of bamboo certification market in China
Forests and Forest Products for a Greener Future	General Poster Session	Jianfeng	Xu	China	Research Institute of Wood Industry, Chinese Academy of Forestry	Effect of Different Surface Treatment Processes on the Printability and Absorbability of Decorative Base Paper
Forests and Forest Products for a Greener Future	General Poster Session	Yongdong	Zhou	China	Research Institute of Wood Industry, Chinese Academy of Forestry	High Temperature Drying of 25-mm-thickness Cryptomeria Lumber
Forests and Forest Products for a Greener Future	General Poster Session	Chih-Lung	Cho	China - Taipei	Dépt. of forestry and natural resources, Natl. Iman Univ.	Effect of Heat Treatment on the Physical Properties of Moso Bamboo (Phyllostachys pubescens)
Forests and Forest Products for a Greener Future	General Poster Session	Su Ling	Liu	China - Taipei	Experimental Forest National Taiwan University	Analyzing of the Constituents in High Value-Added Products from Cinnamomum camphora fruit
Forests and Forest Products for a Greener Future	General Poster Session	Jyh-Horng	Wu	China - Taipei	Department of Forestry, National Chung Hsing University	Physicomechanical Property and Kinetic Analysis of Sugi Wood and Beech Wood during Heat Treatment
Forests and Forest Products for a Greener Future	General Poster Session	Martha C.	Henao	Colombia	Universidad Nacional	POTASSIUM AVAILABILITY IN SMECTITIC SOILS UNDER Gmelina arborea AND Pachira quinata PLANTATIONS OF TROPICAL DRY FOREST IN NORTH COLOMBIA
Forests and Forest Products for a Greener Future	General Poster Session	Alisson	Molina Bejarano	Colombia	Universidad Distrital Francisco José de Caldas	Macroscopic characterization and dimensional stability in selected specimens of Prosopis alba Griseb Prosopis alba GRISEB. in the Chaco region of Argentina
Forests and Forest Products for a Greener Future	General Poster Session	David	Pérez	Colombia	Universidad Distrital Francisco José de Caldas	STRUCTURAL IMPROVING PERFORMANCE OF EUCALYPTUS WOOD IN COAL MINING IN COLOMBIA
Forests and Forest Products for a Greener Future	General Poster Session	Ana	Hine	Costa Rica	Universidad Nacional	CRYOPRESERVATION OF TEAK (Tectona grandis L.f) SEEDS
Forests and Forest Products for a Greener Future	General Poster Session	Keyla	Pereira	Costa Rica	Instituto Tecnológico de Costa Rica	Improving soil physic conditions teak plantations establishment in Northern Costa Rica.
Forests and Forest Products for a Greener Future	General Poster Session	Hussein	Aly	Egypt	Forestry Dept.Alexandria University	Essential oils and methanol extracts of leaves, bark and wood of Juniperus phoenicea L. Grown in AL Jabel AL Akhder, Libya
Forests and Forest Products for a Greener Future	General Poster Session	Hussein	Aly	Egypt	Forestry Dept.Alexandria University	STUDY THE VARIATION OF SPECIFIC GRAVITY AND FIBER LENGTH OF Pinus halepensis GROWN IN AL-JABAL EL-AKHDAR, LIBYA
Forests and Forest Products for a Greener Future	General Poster Session	Jukka	Antikainen	Finland	Finnish Forest Research Institute	Combined Compression and Thermal Modification of Silver Birch and European Aspen Sawn Wood – Color Changes along the Profile
Forests and Forest Products for a Greener Future	General Poster Session	Veikko	Möttönen	Finland	Finnish Forest Research Institute	Impact of Compression and Thermal Modification on Mechanical Properties of Silver Birch and European Aspen Wood
Forests and Forest Products for a Greener Future	General Poster Session	Erkki	Verkasalo	Finland	METLA The Finnish Forest Research Institute	Norway spruce for wood products from first-generation plantations in Finland - log and product yields, value and key wood properties
Forests and Forest Products for a Greener Future	General Poster Session	Lucie	Chupin	France	EPCP-IPREM	Microwave assisted extraction of condensed tannins from maritime pine (Pinus pinaster) bark

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Forests and Forest Products for a Greener Future	General Poster Session	Daliéna	LUDOSKY	France	ESB/ESIREIMS/SIEL	Wooden packaging: Factors that influence the migration of organic compounds
Forests and Forest Products for a Greener Future	General Poster Session	Mac Elikem	NUTSUAKOR	Germany	Georg-August University	FOREST RESTORATION IN THE TROPICS: THE ROLE OF SEED STORAGE AND STORAGE ENVIRONMENT IN GERMINATION
Forests and Forest Products for a Greener Future	General Poster Session	Kafui Kwesi	Agyeman	Ghana	Kwame Nkrumah University of Science and Technology, Kumasi, Ghana	The influence of growth environment of trees on their artistic usage
Forests and Forest Products for a Greener Future	General Poster Session	Kafui Kwesi	Agyeman	Ghana	Kwame Nkrumah University of Science and Technology, Kumasi, Ghana	Harmattan shrinkage in Lumber: A situation at the North Coast of the Gulf of Guinea
Forests and Forest Products for a Greener Future	General Poster Session	Emmanuel	Appiah-Kubi	Ghana	Forestry Research Institute of Ghana	Promotion and utilization of plantation grown timber species in Ghana: The kiln drying schedule of Khaya ivorensis
Forests and Forest Products for a Greener Future	General Poster Session	OSEI ASIBE	ASAFU-ADJAYE	Ghana		Promotion and Characterization of the Mechanical properties of the Non Timber Forest Product Borassus aethiopum
Forests and Forest Products for a Greener Future	General Poster Session	James Kudjo	Govina	Ghana	CSIR-Forestry Research Institute of Ghana	Variation in fibre dimensions and basic density of plantation grown African mahogany from three forest ecological zones of Ghana
Forests and Forest Products for a Greener Future	General Poster Session	Esther Mensah	Opoku	Ghana	Council for Scientific and Industrial Research- Forestry Research Institute of Ghana.	Sustainable regeneration of African mahogany: The effects of potting mixtures on vegetative propagation of Khaya ivorensis and Khaya grandifoliola
Forests and Forest Products for a Greener Future	General Poster Session	Praveen Kumar	Gupta	India	Forest Research Institute, Dehradun 248006, India	PECTIN POLYSACCHARIDES BASED SUSTAINABLE LIVELIHOOD FROM FRUITS IN TROPICAL FORESTS
Forests and Forest Products for a Greener Future	General Poster Session	SANGEETA	GUPTA	India	FOREST RESEARCH INSTITUTE	INDIAN WOODS: CURRENT STATUS AND FUTURE SUSTAINABILITY
Forests and Forest Products for a Greener Future	General Poster Session	Papori	Phukan Borpuzari	India	Rain Forest Research Institute	Plumbago rosea Linn: a rare anticancerous plant induction from non embryogenic tissue through somatic embryogenesis
Forests and Forest Products for a Greener Future	General Poster Session	VIKAS	RANA	India	FOREST RESEARCH INSTITUTE, DEHRADUN, INDIA	LEAF PROTEIN CONCENTRATE FROM THREE FOREST SPECIES OF NORTH EAST REGION OF INDIA
Forests and Forest Products for a Greener Future	General Poster Session	Chandrakant	Salunkhe	India	Post Graduate Center of Botany, Krishna Mahavidyalaya	Valuable Underutilized Endemic Trees of Northern Western Ghats, India for Sustainable Economic Development and Healthy Ecosystem Services
Forests and Forest Products for a Greener Future	General Poster Session	Arvind	sharma	India	SGRRITS, Dehradun India	Effect of growth hormone on In- Vitro propagation of threatened medicinal species Bacopa monnieri L.
Forests and Forest Products for a Greener Future	General Poster Session	Anita	Tomar	India	Forest Research Institute	RHIZOME MACROPROLIFERATION - A NEW TECHNIQUE OF PROPAGATING HERB AND FERN
Forests and Forest Products for a Greener Future	General Poster Session	Anita	Tomar	India	Forest Research Institute	A new approach to Propagate Spondias pinnata without potting media
Forests and Forest Products for a Greener Future	General Poster Session	LISTYA MUSTIKA	DEWI	Indonesia	FORESTRY RESEARCH AND DEVELOPMENT AGENCY, MINISTRY OF FORESTRY, INDONESIA	The Potential Utilization of Shorea almon Foxw. Wood for Furniture
Forests and Forest Products for a Greener Future	General Poster Session	Nina	Mindawati	Indonesia	FORDA	Some fast growing species for raw material alternative of forest industries
Forests and Forest Products for a Greener Future	General Poster Session	corryanti	sambodo	Indonesia	forestry state owned enterprise (perum perhutani)	POTENTIAL OF NON-TIMBER FOREST PRODUCT IN PERUM PERHUTANI
Forests and Forest Products for a Greener Future	General Poster Session	Azadeh	Salehi	Iran	Tarbiat Modares University	Effect of lead stress on biomass production and physiological parameters of two poplar species in symbiosis with arbuscular mycorrhizal fungi
Forests and Forest Products for a Greener Future	General Poster Session	Yuji	Kurahara	Japan	Forestry and Forest Products Research Institute	Developing the evaluation method for wood stiffness of Sugi (Japanese Cedar, Cryptomeria japonica D. Don) at nursery stage
Forests and Forest Products for a Greener Future	General Poster Session	Ken	Watanabe	Japan	Forestry and Forest Products Research Institute	Nondestructive estimation of mode I fracture toughness of wood using near infrared (NIR) spectroscopy
Forests and Forest Products for a Greener Future	General Poster Session	Stephen	Ndung'u	Kenya	Kenya Forestry Research Institute	Predicting storage life and viability of melia volkensii seeds after extraction
Forests and Forest Products for a Greener Future	General Poster Session	HYEONSOO	JANG	Korea, Republic of	Dongguk University, CCDASA	The effects of Seed Pre-treatment, Media Conditions for germination of Ricinus communis in in-vitro system

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Forests and Forest Products for a Greener Future	General Poster Session	Jun-Ho	Park	Korea, Republic of	Seoul National University	Development of center-bored outer-surface sealed timber drying method and evaluation of the drying energy consumption
Forests and Forest Products for a Greener Future	General Poster Session	Youngki	Park	Korea, Republic of	Korea Forest Research Institute	Mass Propagation of Korean Raisin Tree through Veneer Grafting
Forests and Forest Products for a Greener Future	General Poster Session	Youngki	Park	Korea, Republic of	Korea Forest Research Institute	ABTS Radical Scavenging Activity from Fruit Water Extracts of Selected Korean Wild Pear Species
Forests and Forest Products for a Greener Future	General Poster Session	Hyeon Cheol	Shin	Korea, Republic of	Southern Forest Resources Research Center, Korea Forest Research Institute	The Analysis of Growth Environment of Cultivated Wild Ginseng(Panax Ginseng) Production Field in South Korea
Forests and Forest Products for a Greener Future	General Poster Session	Byungoh	Yoo	Korea, Republic of	Korea Forest Research Institute	Comparison of Color, Brightness and Chroma of Natural Dye-coated Veneer
Forests and Forest Products for a Greener Future	General Poster Session	Adrian Cheng Yong	Choo	Malaysia	Institute of Tropical Forestry and Forest Products, Universiti Putra Malaysia	The permeability of oil palm and some tropical woods
Forests and Forest Products for a Greener Future	General Poster Session	KEE SENG	GAN	Malaysia	FOREST RESEARCH INSTITUTE MALAYSIA	The occurrence of wet pockets in the drying of Acacia mangium using conventional steam-heated kiln
Forests and Forest Products for a Greener Future	General Poster Session	Kang Chiang	Liew	Malaysia	Universiti Malaysia Sabah	Preliminary Study of Root Penetration On Degradable Bioplastic-based Planting Pots
Forests and Forest Products for a Greener Future	General Poster Session	Jegatheswaran	Ratnasingham	Malaysia	Universiti Putra Malaysia	Quantifying the Influence of Wood Anatomy on Surface Roughness
Forests and Forest Products for a Greener Future	General Poster Session	Germán	Suárez-Béjar	Mexico	Universidad Michoacana de San Nicolás de Hidalgo	Dynamic Characteristics of 25 Mexican Woods with a Potential for Structural Use Evaluated by Stress Waves
Forests and Forest Products for a Greener Future	General Poster Session	Folashade Funmi	Adegoke	Nigeria	Forestry Research Institute of Nigeria	Effect of Seed Size and Source on Early Seedling Growth of Terminalia ivorensis (Chev.)
Forests and Forest Products for a Greener Future	General Poster Session	OLUBUNMI	ADEJOH	Nigeria	FORESTRY RESEARCH INSTITUTE OF NIGERIA, P.M.B. 5054, JERICHO HILLS, IBADAN , OYO STATE, NIGERIA	GROWTH RESPONSE OF Moringa oleifera (LAM) SEEDLINGS TO ORGANIC AND INORGANIC FERTILIZERS ON AN ALFISOL IN SOUTH-WESTERN NIGERIA
Forests and Forest Products for a Greener Future	General Poster Session	ONYEBUCHI PATRICK	AGWU	Nigeria	UNIVERSITY OF IBADAN	MARCOTTING STUDY OF Dacryodes edulis (G. DON) H.J. LAM IN IBADAN, NIGERIA
Forests and Forest Products for a Greener Future	General Poster Session	Joyce	AMADI	Nigeria	Forestry Research Institute of Nigeria Ibadan,Nigeria	Micropropagation of Plukenetia conophora (MULL ARG) (walnut) using juvenile stem cuttings
Forests and Forest Products for a Greener Future	General Poster Session	Stephen	Amiandamhen	Nigeria	Department of Forestry and Wildlife, University of Benin, Benin City, Nigeria	Flexural performance and dimensional stability of fibre cement boards made from Ceiba pentandra and Gmelina arborea wood dust
Forests and Forest Products for a Greener Future	General Poster Session	Isreal, Olatunji	Asinwa	Nigeria	Forestry Research Institute of Nigeria	Effects of different pruning levels on the growth potential of Nauclea diderrichii (De Wild) Merr. Plantation
Forests and Forest Products for a Greener Future	General Poster Session	Felix	AYA	Nigeria	UNIVERSITY OF CALABAR, CALABAR, NIGERIA	EFFECT OF DIFFERENT WATERING REGIMES ON GERMINATION AND EARLY SEEDLING GROWTH OF Irvingia gabonensis var gabonensis
Forests and Forest Products for a Greener Future	General Poster Session	JOHN	FAGBENRO	Nigeria	BOWEN UNIVERSITY,IWO,OSUN STATE, NIGERIA.	Effect of Gliricidia sepium Biochar and NPK 15:15:15 Inorganic Fertilizer on Moringa oleifera Seedlings Grown in an Oxisol
Forests and Forest Products for a Greener Future	General Poster Session	Olayinka Ajani	Iroko	Nigeria	Forestry Research Institute of Nigeria	PRE TREATMENT EFFECTS ON SEED GERMINATION OF Vitellaria paradoxa (Gaertn) HEPPER
Forests and Forest Products for a Greener Future	General Poster Session	Tunde Abayomi	Nurudeen	Nigeria	Forestry Research Institute of Nigeria	Yield and Proximate Composition of Oyster Mushroom (Pleurotus sajor - caju) Cultivated on Different Agricultural Wastes.
Forests and Forest Products for a Greener Future	General Poster Session	Olasumbo	Wahab	Nigeria	Forestry Research Institute of Nigeria	Assessment of Khaya senegalensis (Desr.) A. Juss. and Gmelina arborea Roxb. for production of laminated wooden plates
Forests and Forest Products for a Greener Future	General Poster Session	indira	galindo	Peru	Universidad Nacional Agraria la Molina	Evaluation of the Sapote fruit (Capparis scabrida HBK) , depending on the characteristics of the tree, from the Community Humedades in Motupe LAMBAYEQUE -PERU
Forests and Forest Products for a Greener Future	General Poster Session	Cecille	Quiambao	Philippines	Ecosystems Research and Development Bureau	Utilization of Carbonization By-Products
Forests and Forest Products for a Greener Future	General Poster Session	LIZA	RANES	Philippines	ECOSYSTEMS RESEARCH AND DEVELOPMENT BUREAU	SUSTAINABLE TANBARK HARVEST METHODS OF CERIOPS TAGAL (PERR) C.B. ROB. FOR TANNIN AND COCOWINE PRODUCTION

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Forests and Forest Products for a Greener Future	General Poster Session	Bandara Ariyaratna	Kangane Mudiyansele	Sri Lanka	Forest Department	Provenance variation of growth and stem-form characteristics of <i>Khaya senegalensis</i> , and future improvement strategies in Sri Lanka
Forests and Forest Products for a Greener Future	General Poster Session	arbia	labidi ben slimane	Tunisia	INRREF	Morphological variability and nutrient composition of Tunisian aromatic apiaceae <i>Magydaris pastinacea</i> L. growing in the Northern Forest zones
Forests and Forest Products for a Greener Future	General Poster Session	Stephani	Michelsen-Correa	United States	University of Washington	Fate of applied 15N fertilizer in a Douglas-fir Plantation
Forests and Forest Products for a Greener Future	General Poster Session	Daniel	Soto	United States	Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR 97331 USA	Effects of artificial pruning on growth in young plantations of <i>Nothofagus</i> in South-central Chile
Forests and Forest Products for a Greener Future	General Poster Session	Retno	Widiastuti	Indonesia	Center for Handicraft and Batik	Evaluation of marketing strategies for non-timber forest products: the Agel wicker ware handicraft industry in Kulon Progo District, Yogyakarta Special Region Province, Indonesia.
Forest Health in a Changing World	102 Emerging invasive forest pathogens	MOHANAN	CHORAN	India	KERALA FOREST RESEARCH INSTITUTE	Rust Fungi Causing Diseases in Production and Protection Forests in the Western Ghats, Kerala, India: Diversity and Taxonomy
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Isabella	Børja	Norway	Norwegian Forest and Landscape Institute	Role of infection pressure and cuticle in leaf infection by <i>Hymenoscyphus pseudoalbidus</i>
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Luke	Jimu	South Africa	Forestry Department; FABI; University of Pretoria	Global population structure and genetic diversity of the <i>Eucalyptus</i> stem canker pathogen <i>Teratosphaeria gauchensis</i>
Forest Health in a Changing World	102 Emerging invasive forest pathogens	JULIO JAVIER	DIEZ-CASERO	Spain	979108440	Laboratory and field experiments to test the susceptibility of several conifers to the pitch canker disease
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Michelle	Cleary	Sweden	Swedish University of Agricultural Sciences	Dieback of European ash: understanding the inherent host resistance and conservation strategies for this ecologically and economically important tree species
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Steve	Woodward	United Kingdom	University of Aberdeen	Alien invasive threats to UK forests: a reassessment in the wake of ash dieback
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Philip	Cannon	United States	US Forest Service	The impact of different strains of <i>Puccinia psidii</i> on Hawaii's Ohia (<i>Metrosideros polymorpha</i>).
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Amy	Ross-Davis	United States	USDA Forest Service	Genetic diversity of <i>Puccinia psidii</i> - the cause of guava/eucalypt/myrtle rust - and preliminary predictions of global areas at risk
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Anagibeth	Chocontá	Colombia	Universidad Distrital Francisco Jose de Caldas	Report of <i>Chrysosporthe cubensis</i> Bruner Gryzenhout & M. J. Wingf. in plantations of <i>Eucalyptus pellita</i> in the Colombian Orinoquia region
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Liliana	Baskorowati	Indonesia	Forestry Research and Development Agency, Republic of Indonesia	GENETIC VARIATION IN GROWTH AND GALL RUST DISEASE IN TWO SEEDLING SEED ORCHARDS OF <i>Falcataria moluccana</i> IN JAVA, INDONESIA
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Takefumi	Ikeda	Japan	Kyoto Prefectural University, Department of Forest Science	Effect of trunk injected-nematicides against pine wilt disease to water relations in pine trees
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Michael	Wingfield	South Africa	FABI, University of Pretoria	Quambalaria: new reports from four continents, including a new species from Australia
Forest Health in a Changing World	102 Emerging invasive forest pathogens	JULIO JAVIER	DIEZ-CASERO	Spain	979108440	<i>Phytophthora plurivora</i> , a new species causing collar rot on <i>Alnus glutinosa</i> in Spain
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Diem	Nguyen	Sweden	Swedish University of Agricultural Sciences	Effects of tree species biodiversity on foliar fungal pathogen regulation: understanding the spread of the ash dieback pathogen, <i>Hymenoscyphus pseudoalbidus</i>
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Andrew	Madigan	United Kingdom	University of Aberdeen, Department of Plant and Soil Science	Does <i>Hymenoscyphus pseudoalbidus</i> , the causal agent of ash dieback in Europe, infect other hardy members of the Oleaceae?
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Cameron	McIntire	United States	University of New Hampshire	Interactive effects of White Pine Needle Damage and climate change on forest health and carbon-water dynamics across the Northeastern US.
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Isabel	Munck	United States	USDA Forest Service	Emerging diseases threaten the white pine resource in Eastern North America
Forest Health in a Changing World	102 Emerging invasive forest pathogens	Bridget	Piculell	United States	University of Mississippi	The good and the bad: trade-offs between disease resistance and symbionts in loblolly pine

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Forest Health in a Changing World	102 Emerging invasive forest pathogens	Stephen	Wyka	United States	University of New Hampshire	Characterization and distribution of fungi associated with needle defoliation of eastern white pine (<i>Pinus strobus</i>)
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Geoff	Pegg	Australia	Agri-Science Queensland, DAFF	Myrtle Rust, current and future impacts on Myrtaceous diversity in Australia
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Barry	Cooke	Canada	NRCan/CFS	Tipping points and transformation in forest pest ecology: the challenge of rising uncertainties under climate change catastrophe theory
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Minna	Lyttikäinen	Finland	University of Helsinki	Monitoring Population Densities of <i>Ips typographus</i> L. Using Pheromone Traps and Trapping Trees
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Paul P.	Bosu	Ghana	Forestry Research Institute of Ghana	Challenges and prospects of forest health monitoring in smallholder community plantations in Ghana
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	MOHANAN	CHORAN	India	KERALA FOREST RESEARCH INSTITUTE	Health Management in Production Forests in India: Current Status and Future Challenges
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Sri	Rahayu	Indonesia	Universitas Gadjah Mada	GLOBAL CLIMATE CHANGE AND GALL RUST DISEASE EPIDEMIC ON <i>Falcataria moluccana</i> IN INDONESIA AND MALAYSIA
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Andrea	Vannini	Italy	DIBAF-University of Tuscia	Sentinel nurseries: an early warning system to prevent alien forest pathogens invasion
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Eston	Mutitu	Kenya	Kenya Forestry Research Institute	RECONSTRUCTING THE ROUTES OF INVASION AND GENETIC DIVERSITY OF <i>THAUMASTOCORIS PEREGRINUS</i> (HEMIPTERA: THAUMASTOCORIDAE) USING MICROSATELLITE MARKERS
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Luke	Jimu	South Africa	Forestry Department; FABI; University of Pretoria	454 pyrosequencing reveals important <i>Eucalyptus</i> pathogens on seed and seed-capsules
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Bernard	Slippers	South Africa	Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria	POPULATION GENETIC STUDIES REVEAL COMPLEX PATTERNS OF GLOBAL MOVEMENT OF PESTS AND PATHOGENS IN <i>PINUS</i> AND <i>EUCALYPTUS</i> PLANTATIONS
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Olle	Anderbrant	Sweden	Lund University, Department of Biology	Why does a species become a pest? Comparison of three <i>Physokermes</i> species
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Johanna	Boberg	Sweden	Swedish University of Agricultural Sciences	Monitoring air, water and insect-borne invasive forest pathogens in Sweden
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Jennifer	Dean	United States	New York Natural Heritage Program	Managing and sharing forest pest data through iMapInvasives
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Andrew	Liebhold	United States	US Forest Service	Contrasting Geographical Variation in Invasibility to Non-native Forest Pests with their Impacts
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Randall	Morin	United States	US Forest Service	Invasions of Forest Insects and Diseases and their Impacts on Regional Forest Dynamics in North America
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Stephen	Williams	United States	University of Wyoming	Developing National Biosecurity Charters: safeguarding forest and agro-ecosystems for cultural and functional integrity
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Wenxia	Huai	China	Research Institute of Forest Ecology, Environment and Protection, The Key Laboratory of State Forestry Administration on Forest Protection, Chinese Academy of Forestry, Beijing 100091, P. R. China	<i>Phytophthora</i> species in forest streams in Nyingchi, Tibet Autonomous Region and Ganzi, Sichuan Province, China
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Yanxia	Yao	China	Research Institute of Forest Ecology, Environment and Protection, The Key Laboratory of State Forestry Administration on Forest Protection, Chinese Academy of Forestry, Beijing 100091, P. R. China	Population genetic mechanism contributing to success invasion of alien pest insect <i>Obolodiplosis robiniae</i> (Haldemann)
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	MARCELA	ARGUEDAS	Costa Rica	Instituto Tecnológico de Costa Rica	Forestry pests and diseases diagnosis in Costa Rica
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Sanna	Välimäki	Finland	Department of Biology, University of Turku	Outbreak history of gregarious pine sawflies (Hymenoptera: Diprionidae) in Finland

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Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Hooman	Latifi	Germany	University of Wuerzburg	Dead stands from the space: experiences with synergized multi-date medium resolution imagery to describe damages caused by European bark beetle
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	SUNDARARAJ	RAMACHANDRAN	India	Institute of Wood Science and Technology	INSECT PEST PROBLEMS OF INDIAN SANDALWOOD (<i>SANTALUM ALBUM</i> LINN.) IN THE CURRENT SCENARIO OF ITS CULTIVATION AND THE POSSIBLE MANAGEMENT PRACTICES
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	SUNDARARAJ	RAMACHANDRAN	India	Institute of Wood Science and Technology	RECORD OF TWO NEW INSECT PESTS ON INDIAN ROSEWOOD <i>DALBERGIA LATIFOLIA</i> ROXB
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Abdul	Gafur	Indonesia	AAA Group R&D	Monitoring system of pests and diseases in plantation forests
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Sri	Rahayu	Indonesia	Universitas Gadjah Mada	Invasiveness of <i>Uromycladium tepperianum</i> on <i>Falcataria moluccana</i> affected by pyroclastic cloud from Merapi Volcano, Yogyakarta, Indonesia
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Shofi	Rukhama	Indonesia	International Forestry Students' Association, Universitas Gadjah Mada	The Anatomical Properties of Gall Gust on <i>Falcataria moluccana</i> Coppice Tree Caused by Gall Rust Fungus <i>Uromycladium tepperianum</i> in Cangkringan, Yogyakarta
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Nicola	La Porta	Italy	The EFI Project Centre on Mountain Forests (MOUNTFOR), Edmund Mach Foundation,	High economical damages due to rot pathogen <i>Heterobasidion annosum</i> s.l. in close-to-nature managed Norway spruce forests in the Italian Alps
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Nicola	Luchi	Italy	Istituto per la Protezione delle piante - CNR	Detection and epidemiology of invasive fungal pathogens by real time quantitative PCR
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Masashi	Ohsawa	Japan	Yamanashi Forest Research Institute	Life cycle, survivorship, and control of an insect pest, <i>Trachys yanoi</i> (Buprestidae, Coleoptera)
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	BALOZI BEKUTA	KIRONGO	Kenya	UNIVERSITY OF ELDORET	EFFECTS OF <i>DOTHISTROMA</i> NEEDLE BLIGHT ON GROWTH OF <i>PINUS RADIATA</i> D. DON, IN THE RIFT VALLEY, KENYA
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Gediminas	Čapkauskas	Lithuania	Institute of Forestry, Lithuanian Research Centre for Agriculture and Forestry	THE IMPACT OF SOIL HUMIDITY AND CLIMATIC CONDITIONS ON SCOTS PINE (<i>PINUS SYLVESTRIS</i> L.) DAMAGES IN LITHUANIA
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Mohd Farid	Ahmad	Malaysia	Forest Research Institute Malaysia	Natural occurrence and pathogenicity of <i>Metarhizium anisopliae</i> obtained from Peninsular Malaysia forest soils against <i>Atteva scidoxa</i> larvae
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Y. C. Arthur	Chung	Malaysia	Sabah Forestry Department	New records of insects associated with seedlings of some forest trees in Sabah, Malaysia
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Angel	Sol-Sánchez	Mexico	Colegio de Postgraduados	DAMAGE ASSESSMENT CAUSED BY <i>ANACAMPTODES</i> SP IN BLACK MANGROVE POPULATIONS IN THE COAST OF TABASCO, MEXICO
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	VALERIU	CAISIN	Moldova	ICAS CHISINAU	Forest condition monitoring in Republic of Moldova for the period 1993-2012
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	María Isabel	Manta	Peru	Universidad Nacional Agraria La Molina	Estimation of damage in forest plantations in the context of climate change
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Izette	Greyling	South Africa	FABI	Biotic and abiotic factors associated with large scale die-off of a <i>Eucalyptus</i> clone in Zululand, South Africa
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Jorge	Martín-García	Spain	University of Valladolid - Sustainable Forest Management Research Institute	MONITORING OF <i>SESIA</i> APIFORMIS INFESTATIONS IN POPLAR PLANTATIONS AT DIFFERENT SPATIAL SCALES
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Olle	Anderbrant	Sweden	Lund University, Department of Biology	<i>Physokermes inopinatus</i> , a new forest pest due to changing climate?
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Gary	Chastagner	United States	Washington State University	Neonectria-canker on true fir in western USA
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Stacy	Hishinuma	United States	University of California, Davis	Host colonization behavior of the walnut twig beetle, <i>Pityophthorus juglandis</i> (Coleoptera: Scolytidae): Implications for the worldwide cultivation of walnut trees
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	David	Hix	United States	School of Environment and Natural Resources, The Ohio State University	Eastern hemlock-dominated forest ecosystems of northeastern Ohio and possible changes with the impending infestation by the Hemlock Woolly Adelgid
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Lynne	Rieske-Kinney	United States	University of Kentucky	Natural enemy recruitment to the Asian chestnut gall wasp, <i>Dryocosmus kuriphilus</i> , a highly invasive pest of chestnut, <i>Castanea</i> spp., worldwide

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Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Gabriela	Ritokova	United States	Oregon State University	The Swiss Needle Cast foliage disease epidemic on the Northwestern coast of the US.
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Kendra	Schotzko	United States	University of Idaho	Changes in Tree Community Composition Within High Elevation Whitebark Pine Stands Following Mountain Pine Beetle Outbreaks
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Gonzalo	Martinez	Uruguay	Instituto Nacional de Investigacion Agropecuaria	Monitoring bark and ambrosia beetles in commercial forestry in Uruguay
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Gonzalo	Martinez	Uruguay	Instituto Nacional de Investigacion Agropecuaria	Updated list of Scolytid species occurring in commercial tree plantations in Uruguay
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Gonzalo	Martinez	Uruguay	Instituto Nacional de Investigacion Agropecuaria	Seasonal dynamics of the bronze bug Thaumastocoris peregrinus on Eucalyptus spp. plantations after four years of monitoring
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Carlos	Pérez	Uruguay	Departamento de Protección Vegetal, Facultad de Agronomía, Universidad de la República	Mycosphaerella leaf disease and its impact on Eucalyptus plantations in Uruguay
Forest Health in a Changing World	124 Impact and monitoring of forest pests and pathogens in a changing world	Quang Thu	Pham	Viet Nam	Vietnamese Academy of Forest Sciences	New threat to Acacia plantation in Vietnam: Association between Fusarium sp. and a polyphagous shot hole beetle (Euwallacea fornicatus)
Forest Health in a Changing World	135 Multiple risk management in planted forests	Jennifer	Klutsch	Canada	University of Alberta	Interactions between biotic and abiotic disturbances on host and range expansion of mountain pine beetle in novel jack pine forests
Forest Health in a Changing World	135 Multiple risk management in planted forests	Crisia	Tabacaru	Canada	University of Alberta	Do prescribed fires cause mountain pine beetle outbreaks?
Forest Health in a Changing World	135 Multiple risk management in planted forests	Juha	Honkaniemi	Finland	Finnish Forest Research Institute	Modeling the dynamics of Root Rot, European Spruce Bark Beetle and wind damages in even-aged Norway Spruce dominated forests
Forest Health in a Changing World	135 Multiple risk management in planted forests	Philippe	DEUFFIC	France	IRSTEA	Facing multiple risks with limited knowledge
Forest Health in a Changing World	135 Multiple risk management in planted forests	Margot	Régolini	France	EFIATLANTIC	How management of planted forests can mitigate the risk from multiple hazards
Forest Health in a Changing World	135 Multiple risk management in planted forests	Helena	Bylund	Sweden	Department of Ecology, Swedish University of Agricultural Sciences	Storm fellings and pine weevil caused seedling damage
Forest Health in a Changing World	135 Multiple risk management in planted forests	David	Coyle	United States	University of Georgia	Belowground herbivory in red pine stands initiates a cascade that increases abundance of Lyme disease vectors
Forest Health in a Changing World	135 Multiple risk management in planted forests	Dave	Shaw	United States	Oregon State University	Interacting threats to forest plantations in the Douglas-fir region, USA.
Forest Health in a Changing World	135 Multiple risk management in planted forests	Olga Patricia	Pinzón Florian	Colombia	Universidad Distrital Francisco José de Caldas	Insect problems: a challenge for the reforestation in the Colombian Orinoquia region
Forest Health in a Changing World	135 Multiple risk management in planted forests	Vindhya Prasad	Tewari	India		Risk Analysis and Forest Scenario Modelling
Forest Health in a Changing World	135 Multiple risk management in planted forests	Abdul	Gafur	Indonesia	AAA Group R&D	Screening for root rot disease tolerance in fiber trees
Forest Health in a Changing World	135 Multiple risk management in planted forests	Claudio	Petucco	Luxembourg	Laboratoire d'Economie Forestière (AgroParisTech – INRA)	Optimal control strategies of forest pathogens in a heterogeneous landscape: A French case study
Forest Health in a Changing World	135 Multiple risk management in planted forests	Alejandro	Cantero	Spain	HAZI	Wood quality and resistance to wind in young plantations of radiata pine affected by pitch canker in the Basque Country
Forest Health in a Changing World	135 Multiple risk management in planted forests	Stuart	Fraser	United Kingdom	University of Aberdeen	Variation in Susceptibility of Scots and Lodgepole Pine Provenances to Infection by Dothistroma septosporum
Forest Health in a Changing World	135 Multiple risk management in planted forests	Tessa	Bauman	United States	Auburn University	Pinus taeda roots represent a suitable host substrate for developing Hylastes spp. of bark beetles in Alabama, US
Forest Health in a Changing World	135 Multiple risk management in planted forests	Mary	Ridout	United States	University of Idaho	Evaluating North American endophytic fungi for biological control of a coadapted pathogen Dothistroma needle blight in Pinus sp.
Forest Health in a Changing World	135 Multiple risk management in planted forests	Adam	Trautwig	United States	Auburn University	Assessing The Impacts of Imperata cylindrica (L.) Beauv on Root-Feeding Bark Beetle Populations Associated With Southern Pine Decline
Forest Health in a Changing World	14 Ozone and forest health	Zhaozhong	Feng	China	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	Leaf Mass per Area Elucidates Ozone Sensitivity of Woody Species

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Forest Health in a Changing World	14 Ozone and forest health	Xiaoke	Wang	China	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	Ambient ozone and its damage symptoms occurred in sensitive plants in Beijing, China
Forest Health in a Changing World	14 Ozone and forest health	Pavel	Cudlin	Czech Republic	Global Change Research Centre AS CR	Interactions of ozone and selected physiological characteristics of mountain spruce forest in Beskydy Mts., Czech Republic
Forest Health in a Changing World	14 Ozone and forest health	Rainer	Matyssek	Germany	Technische Universität München	Can we predict tree response to ozone under climate change ? - current status and perspectives
Forest Health in a Changing World	14 Ozone and forest health	Alessandra	De Marco	Italy	ENEA	Reducing modelling uncertainties in ozone-risk assessment for Mediterranean forests from comparison of modelled and measured phytotoxic ozone dose (POD) data
Forest Health in a Changing World	14 Ozone and forest health	Takayoshi	Koike	Japan	Hokkaido University	Forest declining of a mountain birch stand at the somma of Lake Mashu, northern Japan
Forest Health in a Changing World	14 Ozone and forest health	Andrzej	Bytnerowicz	United States	USDA Forest Service	Ozone changes and impacts in North American forests
Forest Health in a Changing World	14 Ozone and forest health	Jeffrey	Chieppa	United States	Auburn University	Interaction of altered tropospheric ozone concentrations with loblolly pine decline
Forest Health in a Changing World	14 Ozone and forest health	Zhaozhong	Feng	China	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	Effects of Elevated Ozone on the Injury, Growth and Photosynthesis of Ten Woody Species Widespread in Beijing
Forest Health in a Changing World	14 Ozone and forest health	Zhaozhong	Feng	China	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	Evidence of Widespread Ozone-Induced Visible Injury on Plants in Beijing
Forest Health in a Changing World	14 Ozone and forest health	Zhaozhong	Feng	China	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	Photosynthesis and Growth Response of Metasequoia glyptostroboides Seedlings to Elevated O ₃
Forest Health in a Changing World	14 Ozone and forest health	Katre	Kets	Estonia	University of Tartu	Diurnal changes in photosynthetic parameters of Populus tremuloides, modulated by elevated concentrations of CO ₂ and/or O ₃ and daily climatic variation: results from AspenFACE experiment.
Forest Health in a Changing World	14 Ozone and forest health	Pierre	Sicard	France	ACRI-ST	Ozone stomatal flux-based critical levels translated into real-world forest impacts
Forest Health in a Changing World	14 Ozone and forest health	Antonella	Cristofori	Italy	Fondazione Edmund Mach	454 sequencing to assess the differential expression of genes due to ozone stress in Viburnum lantana L.
Forest Health in a Changing World	14 Ozone and forest health	Elena	Paoletti	Italy	Institute of Plant Protection, National Research Council, Italy	Stomatal ozone flux-response relationship for visible injury and net photosynthesis in poplar trees treated with or without EDU
Forest Health in a Changing World	14 Ozone and forest health	Elena	Paoletti	Italy	Institute of Plant Protection, National Research Council, Italy	Ozone fluxes and epidemiology of ozone injury to forests
Forest Health in a Changing World	14 Ozone and forest health	Elena	Paoletti	Italy	Institute of Plant Protection, National Research Council, Italy	Ozone-induced differences in phenology and antioxidants of poplar trees treated and untreated with ethylenediurea (EDU)
Forest Health in a Changing World	14 Ozone and forest health	Elena	Paoletti	Italy	Institute of Plant Protection, National Research Council, Italy	BVOC emission from Silver birch under ozone and nitrogen stress
Forest Health in a Changing World	14 Ozone and forest health	Hideyuki	SHIMIZU	Japan	National Institute for Environmental Studies, JAPAN	Ecophysiological Responses of Beech (Fagus crenata) Stressed by Ozone Exposure and/or Water Shortage
Forest Health in a Changing World	14 Ozone and forest health	Vicent	Calatayud	Spain	Fundación CEAM, Spain	Potential and limitations of passive samplers to calculate ozone fluxes
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Giles	Hardy	Australia	Murdoch University	Impact of invasive Phytophthora species on wildland plant communities in Western Australia and society responses to their management
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Carlos	Rodas	Colombia	Smurfit Kappa Cartón de Colombia	Current status of emerging plant diseases and pest of plantation forestry in Colombia
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Paolo	Gonthier	Italy	University of Torino, Dept. of Agricultural, Forest and Food Sciences	How invasive pathogens and pests may threaten a multipurpose tree species: the European chestnut as a case study
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	PEDRO	BELBER	Peru	AGRICULTURE MINISTRY OF PERU	THE INVASIVE ALIEN SPECIES AND COMMERCIAL AGREEMENTS

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Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Chris	Quine	United Kingdom	Forest Research	Risk management in response to threat of tree disease: social and economic barriers
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Joan	Webber	United Kingdom	Forest Research	Wider Consequences of Introduced Forest Pathogens to Society in the UK
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Nicklos	Dudley	United States	Hawaii Ag Research Center	Developing Wilt Resistant Acacia koa For restoration and Reforestation in Hawaii
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Matteo	Garbelotto	United States	Department of ESPM, UC Berkeley	In spite of different perceptions and responses to Sudden Oak Death, involvement of the public, key to large-scale management of the disease
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Todd	Osmundson	United States	University of Wisconsin - La Crosse	Invasion of Miconia calvescens in Pacific island ecosystems: impacts and responses
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Giles	Hardy	Australia	Murdoch University	A mobile application and citizen science to monitor incidence and severity of marri (Corymbia calophylla) Quambalaria coyrecup cankers in Australia
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Marielle	Brunette	France	INRA	An Economic Comparison of Prevention Strategies against Forest Pathogens
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	MARC	GARCIA	Trinidad and Tobago	THE UNIVERSITY OF THE WEST INDIES, ST. AUGUSTINE, TRINIDAD	A Socioeconomic Assessment of the Impact of the Red Palm Mite on the Nariva Swamp of Trinidad and Tobago.
Forest Health in a Changing World	15 Societal impacts of invasive forest pathogen and pests	Anna	Conrad	United States	Dept. of Plant Pathology, The Ohio State University	FT-IR spectroscopy identifies coast live oak resistant to Phytophthora ramorum before infection
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	Jens	Roland	Canada	University of Alberta	Effect of forest fragmentation on parasitism of forest tent caterpillar through a full population cycle
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	Luc	Barbaro	France	INRA Biogeco	Trophic interactions between vertebrate insectivores and a climate-driven expanding forest moth
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	Jeffrey	Garnas	South Africa	Forestry and Agricultural Biotechnology Institute (FABI)/University of Pretoria	Impacts of insect host diversity, tree species and temperature on parasitism of the Eucalyptus snout beetle (Goniapterus spp.) by Anaphes nitens
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	Tea	Ammunét	Sweden	Swedish University of Agricultural Sciences	Population dynamics under climate change - modeling the interactions between predator and prey
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	Christer	Bjorkman	Sweden	Department of Ecology, Swedish University of Agricultural Sciences	On how to study the effects of climate change on trophic interactions: a holistic approach
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	Gregory	Dwyer	United States	University of Chicago	Natural selection, host-pathogen interactions, and insect outbreaks
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	Nina	Lany	United States	Dartmouth College	Positive direct effects of increased temperature on forest Lepidoptera are outweighed by negative indirect effects of predators and food quality
Forest Health in a Changing World	153 Consequences of changing trophic interactions on forest insect population dynamics	John	Spence	Canada	Univeristy of Alberta	Changing climate associated with homogenization of forest assemblages of boreal ground beetles (Coleoptera: Carabidae)
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Simon	Lawson	Australia	Department of Agriculture, Fisheries and Forestry, Queensland, Australia and Forest Industries Research Centre, University of the Sunshine Coast, Queensland, Australia	BiCEP: Australia's key role in providing biocontrol solutions for global Australian-origin eucalypt pests.
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Carlos	Wilcken	Brazil	FCA / UNESP Campus of Botucatu	Biological control of the bronze bug Thaumastocoris peregrinus (Hemiptera: Thaumastocoridae) in Eucalyptus plantations in Brazil
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Zvi	Mendel	Israel	Agricultural Research Organization	Lessons from successful classical biological control in Israel of Leptocybe invasa and Ophelimus maskelli
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Toni	Withers	New Zealand	Scion	An island down-wind of Australia has a unique experience of Eucalyptus pest biological control - the New Zealand story
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Brett	Hurley	South Africa		Biological control of the eucalyptus gall wasp, Leptocybe invasa, in South Africa
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Timothy	Paine	United States	University of California	The Californian experience of eucalypt insect biological control with special emphasis on the red gum lerp psyllid Glycaspis brimblecombei
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Gonzalo	Martinez	Uruguay	Instituto Nacional de Investigacion Agropecuaria	Towards biological control strategies for the Bronze bug Thaumastocoris peregrinus on Eucalyptus plantations in South America

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Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Leonardo	Barbosa	Brazil	Empresa Brasileira de Pesquisa Agropecuária	Improving mass rearing techniques for <i>Cleruchoides noackae</i> (Hymenoptera: Mymaridae)
Forest Health in a Changing World	166 Global approaches to the biological control of invasive Eucalyptus pests	Brett	Hurley	South Africa		First releases of <i>Selitrichodes neseri</i> , a new biological control agent for the eucalyptus gall wasp, <i>Leptocybe invasa</i>
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Brian	Leung	Canada	McGill University	Pathway level analysis of trade policy for reducing invasive species risk
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Adnan	Uzunovic	Canada	FPInnovations	Synergies between types of wood commodities, wood processing steps and treatments applied to wood in the context of risk management and phytosanitary policy
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Jarkko	Hantula	Finland	Finnish Forest Research Institute	International plant trade associated risks: laissez-faire or novel solutions?
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Jacob	Douma	Netherlands	Centre for Crop Systems Analysis, Wageningen University	Probability of pest dissemination in Europe with imported wood products: a focus on pine wood nematode and oak wilt disease
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Michael	Ormsby	New Zealand	Ministry of Primary Industries	Integrating research and the development of standards for phytosanitary measures
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Kerry	Britton	United States	USDA Forest Service	Evaluating and mitigating the risks of plant pathogen introductions via plants for planting
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Rebecca	Epanchin-Niell	United States	Resources for the Future	Designing cost-effective inspection programs and phytosanitary policy for reducing pest risk from live plant imports
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Robert	Griffin	United States	USDA	Free trade and healthy forests: A scientist's guide to uncertainty in phytosanitary policy making
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Robert	Haack	United States	USDA Forest Service	Effects of ISPM-15 on bark- and wood-infesting insect infestation rates of wood packaging material
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Jean-Noel	Candau	Canada	Canadian Forest Service - NRCAN	Megastigmus parasitism of North American Cupressaceae
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Ferenc	Lakatos	Hungary	University of West-Hungary	The use of EDDMapS to monitor the range extension of two invasive insect species in Hungary
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Eckehard	Brockhoff	New Zealand	Scion (New Zealand Forest Research Institute)	Allee Effects and the Establishment of Exotic Invasive Bark Beetles
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Eckehard	Brockhoff	New Zealand	Scion (New Zealand Forest Research Institute)	Facilitating international trade and preventing forest pest invasions: Progress and the challenge ahead
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Tugba	Dogmus-Lehtijarvi	Turkey	University	Nurseries as Pathways for Phytophthoras to Enter the Turkish Forests
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Chal	Landgren	United States	Oregon State University	Risk mitigation in global Christmas tree trade
Forest Health in a Changing World	172 Research on pathway risk management and phytosanitary policy to prevent invasions of forest insects and pathogens	Andrew	Liebhold	United States	US Forest Service	Plant Smuggling – A Pathway for Invasions by Damaging Non-Native Forest Insects and Pathogens
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Robert	Jandl	Austria	Forest Research Center	Soil amelioration for combatting acid rain – an appraisal of past efforts

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Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Enzai	Du	China	Peking University	Impacts of nitrogen enrichment on carbon cycling in an old-growth larch (<i>Larix gmelini</i> Rupr.) forest
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	HE	SHANG	China	Chinese Academy of Forestry	Effects of air pollution and climate change on forests in China
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Angelika	Kühn	Germany	Chair of Ecophysiology of Plants, Technische Universität München, Germany	Drought and tropospheric ozone limit intra-annual stem growth of European beech (<i>Fagus sylvatica</i>) across Bavaria/Germany
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Martin	Lorenz	Germany	Thünen Institute	State of European forest under environmental changes
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Algirdas	Augustaitis	Lithuania	Aleksandras Stulginskis University	Evidence of inhibited and reinforced effects of climate change on tree responses to the integrated effect of air pollutants on forest sustainability
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Wim	de Vries	Netherlands	Alterra, Wageningen University and Research centre	Impacts of acid deposition, ozone exposure and weather conditions on forest ecosystems in Europe derived from long-term monitoring
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Andrzej	Bytnerowicz	United States	USDA Forest Service	Update on impacts of air pollution and climate change on the Carpathian forests
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Steven	McNulty	United States	USDA Forest Service	The complex and surprising interaction of climate change and forest critical acid load exceedance
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Borys	Tkacz	United States	USDA Forest Service	The state of forest health in the United States and assessment of future risks from climate change, invasive species, and air pollution.
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	LEI	JINGPIN	China	Chinese Academy of Forestry	The eco-physiological responses of <i>Quercus variabilis</i> seedlings to increased atmospheric CO ₂ and N supply
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Zhouli	Liu	China	State Key Laboratory of Forest and Soil Ecology, Institute of Applied Ecology, Chinese Academy of Sciences	Responses of urban forest to environmental stress
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Zaizhi	Zhou	China	Research Institute of Tropical Forestry, Chinese Academy of Forestry	Nutrient evaluation and DRIS diagnosis of young teak (<i>Tectona grandis</i> L.f.) plantations in acid soil in South China
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Juergen	Burkhardt	Germany	University of Bonn	Particulate air pollutants may aggravate climatic drought effects by decreasing tree drought tolerance
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Vitas	Marozas	Lithuania	Aleksandras Stulginskis University	Impact of nitrogen fertilizer factory pollution on ground vegetation of pine forests Lithuania
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Stefan	Neagu	Romania	Forest Research and Management Institute (ICAS)	Effects of Air Pollution and Climate Change on Forest Growth in Southern Carpathians (Retezat and Bucegi-Piatra Craiului Mountains)
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Jesús M.	Santamaría	Spain	LICA, Universidad de Navarra	Changes in forest biodiversity along a nitrogen pollution gradient
Forest Health in a Changing World	180 Air pollution as a factor affecting global forest health	Narayanan	Subramanian	Sweden	Southern Swedish forest research centre, Swedish University of Agricultural sciences	Impacts of ozone on carbon sequestration by Swedish forests under changing climate: A modelling study
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	richard	fleming	Canada	Canadian Forest Service-NRCan	Exploring the interaction between crown fire and insect defoliation in central Canada's forests
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Tuula	Kantola	Finland	University of Helsinki	Mapping Spatial and Temporal Pattern of Hemlock Woolly Adelgid Induced Hemlock Mortality in the Southern Appalachians
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Peter	Vogt	Italy	European Commission Joint Research Centre	Morphological analysis of state and trends of landscape pattern
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Harifidy	RAKOTO RATSIMBA	Madagascar	Département des Eaux et Forêts, Ecole Supérieure des Sciences Agronomiques, Université d'Antananarivo	Slash and burn agriculture, fragmentation and landscape dynamics in the lowland rainforest of Madagascar: case of Manompana, northeast of Madagascar
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Olufunke	Olayode	Nigeria	Ekiti State University, Ado-Ekiti, Nigeria	LAND-COVER CHANGES AND FUTURE PROJECTION IN GAMBARI FOREST RESERVE, SOUTHWESTERN NIGERIA USING LANDSAT IMAGERIES
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Maarten	de Groot	Slovenia	Slovenian Forestry Institute	Scale dependent effects of factors affecting dissimilarities in trends of bark beetle outbreaks

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Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	David	Coyle	United States	University of Georgia	Abiotic and biotic factors influencing pine health in Georgia and Alabama
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Kurt	Riitters	United States	US Forest Service	National integration of in-place and remotely-sensed forest and landscape pattern inventories to evaluate changes in forest health
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Rosemeri	Moro	Brazil	UEPG	NATURAL FOREST FRAGMENTATION EVALUATION AT CAMPOS GERAIS REGION, SOUTH BRAZIL
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Hong-Yi	WEI	China	College of Agronomy, Jiangxi Agricultural University	Investigation of insect pests in grassy marshlands of Wugongshan Mountains in eastern China
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Adriana Marcela	Duque Salas	Colombia	udea-unal	SUMMARY OF STRATEGIES FOR REHABILITATION AND ECOSYSTEM CONSERVATION
Forest Health in a Changing World	184 Forest health in changing landscapes: The roles of landscape patterns	Jérôme	Rousselet	France	INRA	Trees outside forest (TOF) strongly impact habitat connectivity for forest insects
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Kevin	Percy	Canada	Wood Buffalo Environmental Association	Forest Health in the Alberta Oil Sands, Canada
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	JAIME	VILLA-CASTILLO	Mexico	CONAFOR	FOREST HEALTH MONITORING IN MEXICO
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Mark	Ambrose	United States	North Carolina State University	From local to national: Mining and transformation of local urban forest inventory data for use in national-scale monitoring and assessments
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Sarah	Jovan	United States	Pacific Northwest Research Station	The Influence of Climate Gradients and Climate Change on Nitrogen Sensitive Lichen Species across Forests of Oregon, Washington, and California
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Kevin	Potter	United States	North Carolina State University	Data, data everywhere: Detecting spatial and temporal patterns in fine-scale forest health information collected across a continent
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Bethany	Schulz	United States	USFS PNW Research Station	Using vascular plant inventory data to derive indicators of forest health
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Borys	Tkacz	United States	USDA Forest Service	Overview of the USDA Forest Service Forest Health Monitoring National Program
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Christopher	Woodall	United States	USDA Forest Service	Primary Drivers of Forest Regeneration Dynamics in the eastern US
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Derek	Johnson	United States	Virginia Commonwealth University	Mechanisms of rapid synchronization in gypsy moth populations
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	John D.	Shaw	United States	Interior West Forest Inventory and Analysis, USDA Forest Service	Is the Western United States Running Out of Trees?
Forest Health in a Changing World	191 Monitoring emerging threats to forest health in North America across regional to national scales	Michael	Thompson	United States	Rocky Mountain Research Station Forest Inventory and Analysis	Comparison of Tree Mortality Rates on Reserves vs Non-Reserved Land the Interior West Using Forest Inventory and Analysis Annual Inventory
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Juan	Corley	Argentina	INTA	Patch size for Sirex noctilio in fragmented landscapes.
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Andres	Martinez	Argentina	INTA-CONICET	Sirex noctilio flight: Patterns in vertical distribution.
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Helen	Nahrung	Australia	Forest Industries Research Centre, University of the Sunshine Coast, Queensland, Australia	Sirex noctilio woodwasp in Australia: a little further north each year
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Julien	HARAN	France	INRA Orléans	Assessing dispersal routes and ongoing gene flow of the vector of the Pine Wood Nematode, Monochamus galloprovincialis, at different spatial scales.
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Massimo	Faccoli	Italy	Department of Agronomy, Food, Natural Resources, Animals and Environment, University of Padova, Legnaro (PD) 35020	Toward the eradication of the Asian Longhorned Beetle, Anoplophora glabripennis (Coleoptera: Cerambycidae), from North East Italy
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Robert	Haack	United States	USDA Forest Service	Invasive longhorned beetles (Cerambycidae) in North America: who, where, and what is being done?
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Ann	Hajek	United States	Cornell University	Invasive and Endemic Sirex/Amylostereum Associations
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Richard	Hofstetter	United States	Northern Arizona University	Can acoustic technologies be used to protect trees from insects?

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Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Flora	Krivak-Tetley	United States	Dartmouth College	Intercontinental ecological comparisons as a global tactic for managing invasives
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Edgar	Eskiviski	Argentina	INTA	Integrated Management of Sirex noctilio using the nematode Deladenus siricidicola in Argentina
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Andres	Martinez	Argentina	INTA-CONICET	Sirex noctilio host searching behavior: use of reliable infochemicals emitted by fungal symbiont
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Valerie	Debuse	Australia	Department of Agriculture, Fisheries & Forestry, Queensland, Australia and Forest Industries Research Centre, University of the Sunshine Coast, Queensland, Australia	Patterns and processes affecting stem borers in subtropical eucalypt plantations
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Laurel	Haavik	Canada	Canadian Forest Service	Sirex noctilio in Ontario pine forests: examining mortality factors of a worldwide pest in a newly invaded environment
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Hong-Yi	WEI	China	College of Agronomy, Jiangxi Agricultural University	Circadian rhythm of emergence and reproduction for Micromelalopha troglodyta (Lepidoptera: Notodontidae)
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	René Alberto	López Castilla	Cuba	Instituto de Investigaciones Agro-Forestales	Diagnosis and management of bark beetles of the genus Ips (Coleoptera: Scolytidae) in pine forests in Cuba.
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Borek	Miklas	Czech Republic	Faculty of Science, University of South Bohemia	A novel method of spruce bark beetle (Ips typographus) diapause detection.
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Laura	Flowrensia	Indonesia	Bogor Agricultural University	CONDITION OF FALCATARIA MOLUCCANA PLANTATION ATTACKED BY STEMBORER LARVAE
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Jeffrey	Garnas	South Africa	Forestry and Agricultural Biotechnology Institute (FABI)/University of Pretoria	Population genetics reveals the origin of the Coryphodema tristis host expansion to Eucalyptus nitens in South Africa
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Jeffrey	Garnas	South Africa	Forestry and Agricultural Biotechnology Institute (FABI)/University of Pretoria	Impacts of variation in resource quality for larvae of the European woodwasp, Sirex noctilio, in South African Pinus patula plantations
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Brett	Hurley	South Africa		The genetic diversity of the deodar weevil, Pissodes nemorensis (Coleoptera: Curculionidae), in its introduced range in South Africa
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Brett	Hurley	South Africa		Global patterns of diversity of the Sirex-Amylostereum-Deladenus symbionts and their implications for control
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Bernard	Slippers	South Africa	Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria	Diversity of the parasitic nematode Deladenus siricidicola and its relevance as a biological control agent
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Sally	Upfold	South Africa	ICFR	Collaboration in managing the threat of Sirex noctilio – the South African experience
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Deepani	Alawathugoda	Sri Lanka	Forest Department, Sri Lanka	Emerging invasive pests in forest nurseries and plantations in Sri Lanka
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Tessa	Bauman	United States	Auburn University	Evaluation of mortality in natural stands of Pinus oocarpa in Nicaragua
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Curtis	Gray	United States	Utah State University	Characterizing Great Basin Bristlecone Pine Tree Chemistry
Forest Health in a Changing World	206 Ecology and management of invasive wood boring pests in a changing world	Camille	Stevens-Rumann	United States	University of Idaho	Interacting disturbances in mixed-conifer forests of the US: effect of bark beetles and wildfires on forest trajectories
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Naoto	Kamata	Japan	The University of Tokyo	Factors influencing the percentage of tree mortality by the Japanese oak wilt
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Ji-Hyun	Park	Korea, Republic of	Korea Forest Research Institute	Overview and origin of oak mortality caused by an ambrosia beetle-fungus complex in South Korea
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Bernard	Slippers	South Africa	Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria	CO-EVOLUTION OF THE SIRICID-AMYLOSTEREUM MUTUALISM ON CONIFERS
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	JULIO JAVIER	DIEZ-CASERO	Spain	979108440	Fungi and insects diversity associated with Pinus radiata in pitch canker affected stands

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Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Tessa	Bauman	United States	Auburn University	Fungal associates of the pine-infesting bark beetle <i>Dendroctonus approximatus</i> in Mexico and Central America
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Akif	Eskaalen	United States	University of California Riverside	Fusarium dieback and its ambrosia beetle (Coleoptera: Scolitinae) vector: A generalist disease/pest complex threatening agricultural and natural landscapes in California
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Jiri	Hulcr	United States	University of Florida	The tree-killing ambrosia symbiosis illuminated with modern methods: sometimes stable, sometimes promiscuous, and increasingly more predictable
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	steven	seybold	United States	USDA Forest Service	Chemical ecology of the walnut twig beetle, a pest of significance to the international cultivation of walnut for nut and timber production
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Mary	Apetorgbor	Ghana	CSIR-Forestry Research Institute of Ghana	Emerging insect pest and disease in <i>Cedrela odorata</i> plantations in Ghana
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Yukiko	Takahashi	Japan	The University of Tokyo	Xylem dysfunction caused by Japanese oak wilt pathogen <i>Raffaelea quercivora</i> and its hyphal distribution
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Masato	Torii	Japan	Mie University	Hyphal growth of <i>Raffaelea quercivora</i> within inoculated living and gamma-ray-sterilized seedlings of two Japanese and three American oak species
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Masato	Torii	Japan	Mie University	Pathogenicity of three <i>Raffaelea</i> spp. isolates collected in northern Thailand against <i>Quercus crispula</i> seedlings
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Mee-Sook	Kim	Korea, Republic of	Kookmin University	Genetic diversity and population structure of an ambrosia beetle-vectored fungus (<i>Raffaelea quercus-mongolicae</i>) associated with oak mortality in Korea
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Paal	Krokene	Norway	Norwegian Forest and Landscape Institute	Complementary roles of bark beetle and associated fungi in overwhelming conifer defenses
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Paul	Dallara	United States	Dept. Entomology, UC-Davis	Life History of the Walnut Twig Beetle, <i>Pityophthorus juglandis</i> , in California and Utah
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Lori	Eckhardt	United States	Forest Health Dynamics Laboratory, School of Forestry and Wildlife Sciences, Auburn University	Variation in resistance of <i>Pinus taeda</i> families against root infecting fungi
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Lori	Eckhardt	United States	Forest Health Dynamics Laboratory, School of Forestry and Wildlife Sciences, Auburn University	Thinning and fertilization effects on the populations of <i>Hylastes</i> species and associated ophiostomatoid fungal species in <i>Pinus taeda</i> stands
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Lori	Eckhardt	United States	Forest Health Dynamics Laboratory, School of Forestry and Wildlife Sciences, Auburn University	Taxonomy and population biology of <i>Grosmania huntii</i> sensu lato
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Kamal	Gandhi	United States	University of Georgia	Interactions between <i>Matsucoccus macrocicatricis</i> , fungal pathogens, and eastern white pine dieback in the southern Appalachians
Forest Health in a Changing World	34 The co-evolution of insects and fungi that form symbiotic relationships and kill forest trees	Richard	Hofstetter	United States	Northern Arizona University	Role of Phoretic Mites in the Transmission of Tree Pathogens
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Caroline	Mohammed	Australia	University of Tasmania	Consequences of damage modifications for forest pest management
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Laurel	Haavik	Canada	Canadian Forest Service	Insect outbreaks and oak decline interact to shape drier forests of the future
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Pekka	Niemela	Finland	University of Turku	General characteristics of the boreal forest insects
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Francois	Lieutier	France	University of Orleans	Biological characteristics of the Mediterranean forest insects
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Jérôme	Rousselet	France	INRA	Increasing damage due to the pine processionary moth in Europe: role of climate and landscape changes
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Aurélien	Sallé	France	LBLGC University of Orléans	Climate change and silvicultural practices promoted the emergence of a novel pest of poplar stands

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Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Barbara	Bentz	United States	Rocky Mountain Research Station, USDA Forest Service	Dendroctonus ponderosae, 'The Tree Killer', Confronts Climate Change
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Daniel	Hermes	United States	Dept. of Entomology, The Ohio State University	Climate Change and Insect Dynamics in Temperate Forests of North America
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Kenneth	Raffa	United States	University of Wisconsin	Identifying features of tree-insect interactions prone to major alteration by climate change
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Caterina	Villari	United States	Department of Plant Pathology, The Ohio State University	Living on the edge: Outbreaks of a bark beetle at its range margins – life-history, associated fungi and host defenses
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Jeremy	Allison	Canada	Canadian Forest Service	Tree insect relationships in planted forests
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Jean-Noel	Candau	Canada	Canadian Forest Service - NRCAN	Climatic change and insect outbreaks in Canada's boreal forests
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Petr	Dolezal	Czech Republic	Institute of Entomology, Biology Centre of the Academy of Sciences of the Czech Republic; Faculty of Science, University of South Bohemia	To know a bark beetle. Ecophysiological implications for mathematical modeling of bark beetle population dynamics.
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	Nancy	Grukke	United States	US Forest Service, Western Wildland Environment Threat Assessment Center	THE ROLE OF DROUGHT AND STAND DENSITY IN JEFFREY PINE SUSCEPTIBILITY TO THE JEFFREY PINE BEETLE
Forest Health in a Changing World	38 Is climatic change modifying the characteristics of insect damage in forests?	George	Matusick	United States	Centre of Excellence for Climate Change, Woodland and Forest Health, Murdoch University	Infestation patterns of <i>Phoracantha semipunctata</i> (Coleoptera: Cerambycidae) corresponding with a drought-induced dieback event in native host trees in southwestern Australia
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Joerg	Bohlmann	Canada	University of British Columbia	Mining Spruce Genomes for Defence Genes and Functions
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Deepa	Pureswaran	Canada	Canadian Forest Service, LFC	Trophic responses to climate change – Host species, spruce budworm and natural enemies
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Paal	Krokene	Norway	Norwegian Forest and Landscape Institute	Mechanisms of tree defense against the spruce bark beetle <i>Ips typographus</i>
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Christer	Bjorkman	Sweden	Department of Ecology, Swedish University of Agricultural Sciences	Temperature affects the outcome of tritrophic interactions mediated by tree resistance among pine sawflies and willow leaf beetles
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Pierluigi	Bonello	United States	Dept. of Plant Pathology, The Ohio State University	Interactions of evolutionary adaptation with environmental variables in expression of ash resistance mechanisms to emerald ash borer
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Richard	Lindroth	United States	University of Wisconsin-Madison	Mechanisms of aspen (<i>Populus tremuloides</i>) defense against gypsy moths and forest tent caterpillars
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	David	Showalter	United States	The Ohio State University	Using water- and nutrient-stress phenotypes to identify ash biomarkers of resistance to emerald ash borer
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Caterina	Villari	United States	Department of Plant Pathology, The Ohio State University	Potential role of alkaloids and monoamines in ash resistance to emerald ash borer
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Yury	Baranchikov	Russian Federation	V.N.Sukachev Institute of Forest Siberian Branch Russian Academy of Science	Bud gall midges on larch: factors of gall's form and function evolution
Forest Health in a Changing World	69 Mechanisms of tree defense across forest insect feeding guilds: Can a comparative approach help predict responses to climate change?	Ngoc Quang	Dao	Viet Nam	Vietnamese Academy of Forest Sciences	Initial determining mechanism of caterpillar <i>Dendrolimus punctatus</i> Walker resistance in <i>Pinus merkusii</i> Jungh & Vriese

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Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Ignacio	González-Fernández	Spain	CIEMAT	Modelling stomatal ozone deposition in Mediterranean annual pastures using a multilayer-multispecies model
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Jesús M.	Santamaría	Spain	LICA, Universidad de Navarra	Effects of nitrogen deposition on biodiversity across Europe
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Marc	Hanewinkel	Switzerland	Swiss Federal Institute for Forest, Snow and Landscape Research WSL	Combining large-scale simulation with economic models to investigate impacts of Climate Change on forests
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Lisa	Hülsmann	Switzerland	WSL Swiss Federal Institute for Forest, Snow and Landscape Research	Impact of Climate and Site Conditions on the Growth-Mortality Relationship in European Tree Species
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Alessandro	Anav	United Kingdom	University of Exeter	Can modeled and measured data interact to evaluate forest health condition?
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Tommaso	Locatelli	United Kingdom	School of GeoSciences, University of Edinburgh	Uncertainty and Sensitivity Analyses: can model structure be improved? The case of the Wind-Risk model ForestGALES
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Christian	Temperli	United States	University of Colorado	Modeling spruce beetle and fire disturbance under climate change and adaptive management in subalpine forests of Northern Colorado, USA
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Céline	Meredieu	France	INRA	Predicting the spore infection depending on climate to model the Heterobasidion annosum dynamics in even-aged Pinus pinaster stand
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Irene	Cionni	Italy	ENEA	Effects of climate change on air quality and forest vulnerability
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Peter O.	Adesoye	Nigeria	University of Ibadan, Nigeria	A Simplified Method for Assessing Forest Health Changes during 7 Years Using Triplochiton scleroxylon stands in South West Nigeria.
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Eugenia	Iturrutxa	Spain	Neiker	Spatial analysis of susceptibility to major forest diseases in Monterey pine plantations
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	CAGLA	TUZCUOGLU	Turkey	General Directorate of Forestry	The Role of Risk Analysis and Risk Management in Environmental Protection in Turkey
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	John	Castello	United States	SUNY, College of Environmental Science & Forestry	Toward a global index of forest structural sustainability and health
Forest Health in a Changing World	8 Modeling as a tool for improving the knowledge on forest vulnerability and risk exposure in a changing world	Zhiqiang	Yang	United States	Oregon State University	Mapping large forest fire susceptibility using MODIS in Washington and Oregon
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Simon	Rizzetto	France	CNRS-EcoLab	Critical Load of atmospheric nitrogen deposition in French forests: modelling soil and vegetation response in a context of climate change.
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Thomas	Scheuschner	Germany	OEKODATA GmbH	Critical loads and climate change in the Polish-Saxon border region
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Rocío	Alonso	Spain	CIEMAT	Atmospheric nitrogen deposition and critical loads for Holm oak forests in Spain
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Ulf	Sikström	Sweden	Skogforsk (The Forestry Research Institute of Sweden)	Does low-dose N addition enhance growth in fertile Picea abies forests?
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Tamara	Blett	United States	National Park Service	Using nitrogen critical loads to develop research priorities, ecosystem condition assessments, and restoration strategies for U.S. National Park Service lands

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Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Habibollah	Fakhraei	United States	Syracuse University	Critical Loads for nitrogen and sulfur atmospheric deposition in the Great Smoky Mountains National Park, USA
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Mark	Fenn	United States	Pacific Southwest Research Station	Nitrogen Flux Measurements: Toward Ecosystem Effects and Critical Load Development
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Linda	Geiser	United States	USDA PNW Air Resources Management Program	Lichen-based critical loads of nitrogen for forested eco-regions of the United States
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Todd	McDonnell	United States	E&S Environmental Chemistry	Evaluating Effects of Atmospheric N and S Deposition and Climate on Forest Ecosystem Services based on the Critical Loads Paradigm
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Rui	Zhang	China	Research Institute of Subtropical Forestry, CAF.	Effects of nitrogen deposition on growth and phosphate efficiency of Schima superba of different provenances grown in phosphorus-barren soil
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Patrick	Pyttel	Germany	Chair of Silviculture, Albert-Ludwigs-University Freiburg	Conserving plant diversity of Central European oligotrophic forest habitats requires goal-oriented management of nutrient cycles
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Walter	Seidling	Germany	Thünen Institute of Forest Ecosystems	Reassessing critical load calculations by ecosystem feedback
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Charles	Driscoll	United States	Syracuse University	Development of critical loads for acid-impaired lake-watersheds in the Adirondack region of New York
Forest Health in a Changing World	85 Critical loads for nutritional nitrogen deposition: Progress and problems	Carolyn	Hunsaker	United States	USDA Forest Service, Pacific Southwest Research Station	Nitrogen Deposition and Critical Loads for Sierra Nevada Forests: A Comparison of Measurement Techniques and Ecosystem Responses
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Jean-Noel	Candau	Canada	Canadian Forest Service - NRCAN	Potential northward expansion of spruce budworm outbreaks under climate change and related impacts on forest ecosystems
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Christelle	Robinet	France	INRA, Forest Zoology Unit	The importance of range dynamics of insects and pathogens in forest ecosystems
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Andrea	Battisti	Italy	University of Padova	Range expansion of the pine processionary moth in relation to climate warming
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Fugo	Takasu	Japan	Nara Women's University	Modeling spatial spread of the pine wilt disease - an individual-based approach
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Stig	Larsson	Sweden	Swedish Univ Agric Sci	Range Expansion in Insect Pests: How Important is Climate Change?
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Brian	Aukema	United States	University of Minnesota	Climate-associated range shifts of mountain pine beetle in western Canada
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Matthew	Ayres	United States	Dartmouth College	Consequences of climate change for biotic disturbances in North American forests
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Joseph	Elkinton	United States	University of Massachusetts	Introduced Tachinids Explain Decline of Browntail Moth in North America
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Angela	Mech	United States	University of Georgia	Influence of Increasing Summer Temperatures on Range Dynamics of an Invasive Forest Pest and its Host Tree
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Patrick	Tobin	United States	USDA Forest Service	Supraoptimal temperatures restrict and retract the distributional range of the gypsy moth
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Qiaolin	Xu	China	Guangdong Academy of Forestry	Chemical Constituents from the Roots of Mikania micrantha and Their Allelopathic Effects on Arabidopsis thaliana Seed Growth
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Päivi	Lyytikäinen-Saarenmaa	Finland	University of Helsinki	Modelling Forest Insect Distributions in Europe under Climate Change Scenarios
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Martin	Godefroid	France	Institut national de recherche agronomique (INRA)-UMR CBGP	Linking phylogeographic history, niche divergence and biological invasion risks. The case of North American Dendroctonus bark beetles
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Jérôme	Rousselet	France	INRA	Googling forest pests - use of Google as a monitoring tool for delimiting the distributional range of forest pests
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Seung Kyu	Lee	Korea, Republic of	Korea Forest Research Institute	Effect of temperature on the spreading of Lophodermium needle-cast disease of Korean pine (Pinus koraiensis) and current development status of major pine forest diseases in S. Korea
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Bernard	Slippers	South Africa	Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria	Global homogenization of forestry insect pests - a case study of Leptocybe invasa
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Asko	Lehtijarvi	Turkey	Bursa Technical University	Invasive alien forest pathogens; do they pose a threat to Turkish forestry?

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Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Lori	Eckhardt	United States	Forest Health Dynamics Laboratory, School of Forestry and Wildlife Sciences, Auburn University	Two new ophiostomatoid species isolated from soil on snouts of feral hogs damaging pine roots in Georgia, USA
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Fraser	McKee	United States	University of Minnesota	Climate change-induced shift in voltinism of eastern larch beetle, <i>Dendroctonus simplex</i> , associated with increased tree-killing behavior
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Corwin	Parker	United States	UC Davis	Flight activity, life history, and host selection behavior of the walnut twig beetle in its native range in the southwestern United States
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Derek	Rosenberger	United States	University of Minnesota	Colonization dynamics of mountain pine beetle in eastern and western pines: Implications to range expansion
Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Diana	Six	United States	University of Montana	Climate alters interactions among bark beetles and symbionts potentially altering geographic range

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Forest Health in a Changing World	94 Changes in distributional ranges in a changing world	Carolina	Jorge	Uruguay	Programa de Desarrollo Universitario Forestal. Centro Universitario de Tacuarembó. Universidad de la Republica	Advances in the knowledge of eucalyptus gall insects in Uruguay: current status and future prospects
Forest Health in a Changing World	General Poster Session	Cesar	Arriagada	Chile	Universidad de La Frontera	Plant growth and alleviation of oxidative stress by saprophytic and mycorrhizal fungi
Forest Health in a Changing World	General Poster Session	Ming Hui	Qian	China		Hitch-hiking <i>Trichogramma dendrolimi</i> Matsumura wasps exploit host antiaphrodisiac pheromone
Forest Health in a Changing World	General Poster Session	Luis Alfredo	Lozano Botache	Colombia	Universidad del Tolima	Bidimensional scanning by means of acoustic tomography of six trees in the park of Ducuara at the University of Tolima, Colombia
Forest Health in a Changing World	General Poster Session	René Alberto	López Castilla	Cuba	Instituto de Investigaciones Agro-Forestales	UPDATE INTEGRATED PEST PINE GROWING IN CUBA
Forest Health in a Changing World	General Poster Session	Kristyna	Stefkova	Czech Republic	Faculty of Science, University of South Bohemia	Digestion in the spruce bark beetle (<i>Ips typographus</i> (L.)). Cellulases present!
Forest Health in a Changing World	General Poster Session	Géraldine	Roux	France	INRA Orléans	Population structure and local adaptation of the pine cone weevil <i>Pissodes validirostris</i> (Coleoptera, Curculionidae) : disentangle the role of the host-plant from the geography
Forest Health in a Changing World	General Poster Session	Paul P.	Bosu	Ghana	Forestry Research Institute of Ghana	Paper mulberry invasion in Ghana
Forest Health in a Changing World	General Poster Session	Sunil	Ghosh	India	UBKV (Agri. University)	Incidence of aphid (<i>Aphis craccivora</i> Koch.) infesting som plant leaves (<i>Machilus bombycina</i> King) and their control by using bio-pesticides
Forest Health in a Changing World	General Poster Session	Remadevi	O.K.	India	Institute of wood science and technology, 18th cross, Malleswaram P.O., Bangalore 560 003, Karnataka, India	Insect frugivores and their impact on the regeneration of mangrove species in West Coast of India
Forest Health in a Changing World	General Poster Session	SUNDARARAJ	RAMACHANDRAN	India	Institute of Wood Science and Technology	STATUS OF THE INVASIVE SPIRALLING WHITEFLY ALEURODICUS DISPERSUS RUSSELL (HEMIPTERA: ALEYRODIDAE) IN INDIA ALONG WITH NEW HOST RECORDS
Forest Health in a Changing World	General Poster Session	Manisha	Thapliyal	India	Forest Research Institute	Assessment of seed quality and mycoflora of <i>Bauhinia retusa</i> in different storage conditions
Forest Health in a Changing World	General Poster Session	Sasidharan	TO	India	Ashoka Trust for Research in Ecology and the Environment, Royal Enclave, Srirampura, Jakkur P.O., Bengaluru-560064, Karnataka State, India	Field evaluation of <i>Metarhizium anisopliae</i> formulations for management of <i>Ailanthus defoliator</i> , <i>Eligma narcissus</i> Cramer
Forest Health in a Changing World	General Poster Session	Hiroshi	Suyama	Japan	Shimane Prefecture Mountainous Region Research Center	A simple non-destructive method for detecting heart rot in standing trees using impact resonance frequency
Forest Health in a Changing World	General Poster Session	Alejandra	Zaragoza-Hernandez	Mexico	Colegio de Postgraduados	General Health Condition in Forest Species of Three Parks in Mexico City: Crown Condition
Forest Health in a Changing World	General Poster Session	Samuel	Olajuyigbe	Nigeria	University of Ibadan	Nursery pest management of <i>Phytolyma lata</i> Walker (Scott) attack on Iroko (<i>Milicia excelsa</i> Welw C. C. Berg) seedlings
Forest Health in a Changing World	General Poster Session	Masiyiwa	Sakupwanya	South Africa	University of Pretoria	A future for citriculture through a top-down-systems approach to citrus root rot caused by <i>Phytophthora nicotianae</i> in South Africa.
Forest Health in a Changing World	General Poster Session	Tugba	Dogmus-Lehtijarvi	Turkey	University	Status of Forest Tree Diseases in Turkey
Forest Health in a Changing World	General Poster Session	Joseph	Elkinton	United States	University of Massachusetts	WINTER MOTH: BIOLOGICAL CONTROL AND POPULATION DYNAMICS IN THE NORTHEASTERN UNITED STATES
Forest Health in a Changing World	General Poster Session	Brad	Quayle	United States	USDA FS	Monitoring Trends and Burn Severity for CONUS
Forest Health in a Changing World	General Poster Session	Mary	Ridout	United States	University of Idaho	Common foliar endophyte <i>Hormonema</i> sp. suppresses seedling emergence of host species <i>Pinus ponderosa</i>