

Bamboo Resources in a Changing Climate

Report from the Second International Young Scientist Forum - Bamboo Resources in a Changing Climate, by Changhua Fang, Coordinator of IUFRO Working Party 5.11.05 [Bamboo and rattan](#)

The “Second International Young Scientist Forum - Bamboo Resources in a Changing Climate” was held on December 12-13, 2024, in Hangzhou, China. Organized by the University of British Columbia (UBC), Zhejiang A&F University, and the International Bamboo and Rattan Organization (INBAR), and co-sponsored by the IUFRO Working Party on Bamboo and rattan, this forum aimed to highlight bamboo’s role as a nature-based solution to climate change and foster collaboration among young scientists.

Visit: [Meeting website](#)

With participation ranging from graduate students, postdoctoral fellows, and early-career researchers, the forum covered a range of topics, including bamboo carbon sequestration, sustainable management, biodiversity conservation, and emerging bamboo-related technologies and businesses.

The forum underlined that bamboo is a vital nature-based solution for climate change, with high carbon storage potential, diverse economic applications, and strong socio-environmental benefits. Collaborative efforts between scientists, policymakers, and industry stakeholders are essential to scale up bamboo solutions worldwide.

Discussion topics:

Bamboo and Climate Change Mitigation

- Studies reaffirm bamboo’s rapid carbon sequestration capacity, with research on bamboo-based carbon credits and carbon storage strategies.
- The role of bamboo agroforestry in degraded land restoration was explored.

Carbon Management and Livelihoods

- Several presentations highlighted bamboo’s socio-economic benefits, particularly for rural livelihoods and carbon finance mechanisms.

Photo source: [meeting website](#)



Photos of meeting by Zhejiang A&F University

- Case studies demonstrated how bamboo cooperatives and sustainable management practices enhance both economic and ecological resilience.

Emerging Technologies and Business Opportunities

- Innovations in bamboo-based materials, biochar, and sustainable construction were presented.
- Research on bamboo’s role as a plastic alternative aligned with global sustainability goals.

Biodiversity and Sustainable Forest Management

- The forum discussed how monoculture practices impact biodiversity, calling for improved bamboo genetic diversity and ecosystem management strategies.
- Studies on bamboo physiology, soil interactions, and climate adaptation mechanisms provided insights into sustainable growth.

The 3rd International Young Scientist Forum on Climate Change and Bamboo will be held in late 2025.

Organizers and supporters: Faculty of Forestry, University of British Columbia, Zhejiang A&F University; International Bamboo and Rattan Organization (INBAR); International Center for Bamboo and Rattan (ICBR); China-Canada Joint Laboratory for Bamboo & Rattan Science and Technology; Asia Pacific Forestry Education Coordination Mechanism (AP-FECM); Sichuan Agricultural University; Jiangxi Academy of Forestry; Southwest Forestry University; Nanjing Forestry University; and IUFRO Working Party 5.11.05 – Bamboo and rattan; journal *Advances in Bamboo Science* (supporter).

Forest Operations: A Tool for Forest Management

Report by Shuva Gautam, IUFRO Research Group 3.04.00 [Forest operations management](#)

The FORAC research consortium of Université Laval in collaboration with IUFRO Division 3 invited Dr. Han-Sup Han, Professor from Northern Arizona University to its seminar series, Petit Déjeuner, on 26 November 2024. Dr. Han gave a talk entitled “Forest Operations: A tool for forest management”. The main issues discussed in the meeting were the use of forest operations for the application of a variety of forest management prescriptions and related challenges. The talk concluded with insights into adaptations required in forest operations to meet future needs. Visit: [Meeting website](#)

The presentation illustrated how forest harvesting systems and practices can be used to accomplish a wide range of forest management objectives. Traditionally, wood production has been the main objective of timber extraction practices to supply raw materials (e.g., logs and wood chips) to the forest products manufacturing companies. While this still holds as an important goal of timber harvesting today, equipment and systems used in forest operations are now often employed to address other forest management issues such as stand condition improvement and fuel treatments to reduce wildfire risks.



Screenshot of the presentation by Dr. Han Sup Han

The use of harvesting systems as a tool to a wide range of forest management objectives is now increasingly common, as we often deal with man-made or second-growth stands. Forest operations need to be viewed as an integrated component of forest management and not an isolated field of study. Collaboration with other disciplines is increasingly important to address the challenging multiple objectives of today's forest management

CPW Committed to Advancing Sustainable Wildlife Management Through Strategic Cooperation

On 3 March, [World Wildlife Day 2025](#), the Collaborative Partnership on Sustainable Wildlife Management (CPW) - a coalition of thirteen international organizations – published a joint statement to reaffirm its commitment to advancing sustainable wildlife management (SWM) through strategic cooperation, joint initiatives, and innovative financing.

Read: [Joint Statement](#)

IUFRO is a member of the Partnership and was represented at the CPW Strategic Retreat in Geneva in February by Viola Belohrad, [Science-Policy Programme](#) Project Manager.

This year's theme of World Wildlife Day, “**Wildlife Conservation Finance: Investing in People and Planet**”, highlights the urgent need to scale up financial resources for conservation and for ensuring sustainable use of wildlife. While public finance, overseas development assistance, and philanthropy remain fundamental funding sources, expanding traditional financing through innovative mechanisms such as payments for ecosystem services, debt-for-nature swaps, biodiversity credits, sustainable biodiversity-based economic activities, green bonds, and benefit-sharing schemes is critical. (...)

At the CPW Strategic Retreat held in Geneva in February 2025, back-to-back with the 78th meeting of the CITES Standing Com-



Photo from CPW Strategic Retreat

mittee, the CPW partners agreed to collaborate on joint fundraising efforts to advance several ambitious joint initiatives, such as responding to requests from biodiversity-related conventions such as the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), the Convention on Biological Diversity (CBD) and the Convention on the Conservation of Migratory Species of Wild Animals (CMS) contributing to the development of indicators for Targets 4, 5 and 9 of the Kunming-Montreal Global Biodiversity Framework; and advancing the Wild Biodiversity Economy Initiative, ensuring sustainable and inclusive benefits for people and planet.

The year 2025 also marks a significant milestone: the **50th anniversary of the entry into force of CITES**. Reflecting on this occasion, CPW Chair Ivonne Higuero, CITES Secretary-General, emphasized:

“The CPW brings together a wealth of expertise and experience in sustainable wildlife management, demonstrating the power of collaboration in supporting global commitments. We should seize the opportunity to collectively mobilize resources, ensuring that both wildlife and people thrive in a world that values the conservation and sustainable use of biodiversity. By working together, we can unlock new funding opportunities and drive higher impact solutions for nature and communities.”

International Day of Forests - 21 March: Celebrating Forests and Foods

In 2025, forests and foods is the theme for the day, celebrating the crucial roles of forests in food security, nutrition and livelihoods. In addition to providing food, fuel, income and employment, forests support soil fertility, protect water resources, and offer habitats for biodiversity, including vital pollinators. They are essential for the survival of forest-dependent communities, particularly Indigenous Peoples, and contribute to climate change mitigation by storing carbon.

The International Day of Forests events will mark this occasion by showcasing actions and best practices that promote a sustainable, inclusive, and resilient food future.

Read: [Key messages](#)

Watch and share: [Video](#)

Congratulations to FAO on celebrating its 80th anniversary in 2025! The International Day of Forests events will mark this occasion by showcasing actions and best practices that promote a sustainable, inclusive, and resilient food future.

Putting Science at the Center is Vital for Conservation

The second round of the UN Biodiversity Conference, COP16, concluded on February 28 in Rome, with an agreement to raise the funds needed to protect biodiversity.

Cristina Miranda, environmental policy expert, co-director of the Science and Effective Management of Natural Protected Areas Project in Peru, and professor at the School of Government and Public Policy of the PUCP (Pontificia Universidad Católica del Perú), participated in the first round of COP16 (CBD COP 16) in Cali, Colombia, last autumn.

At the summit, Miranda, who is also an officeholder in IUFRO Division 9 [Forest Policy and Economics](#), stressed the urgency of integrating science into environmental decision-making.



Photo of Cristina Miranda from PUCP website



Further reading:

Between 2015 and 2023 IUFRO published major global scientific assessment reports in the framework of the Global Forest Expert Panels (GFEP) initiative of the Collaborative Partnership on Forests (CPF). The reports include scientific evidence of the important linkages between forests and foods:

[Forest and Human Health](#) 2023

[Forests and Poverty](#) 2020

[Forests and Water](#) 2018

[Forests and Food Security](#) 2015

A new report on [Forests for Social and Economic Resilience](#) is currently being prepared and shall be launched this in mid-2025!

In the context of climate crisis, her message resonated strongly: “Science must be at the heart of conservation!”

Miranda co-directs a project on science and effective management of natural protected areas in Peru. Visit: [Project website](#)

The project that she co-directs has the central objective of uniting science and environmental management in Peru. During the three years of this initiative, the aim is to develop a framework for scientific coordination and to generate effective interaction between scientists and government officials for the conservation of protected natural areas, which cover approximately 18% of Peruvian territory. It should be noted that Peru is one of the 20 megadiverse countries in the world.

Read [infobae article](#)
[PUCP further reading](#)

Towards Effective Pangolin Conservation in Benin

Report by Stanislas Zanvo, Deputy Coordinator of IUFRO Working Party 8.02.05 [Wildlife conservation and management](#)

The situation of pangolins in Benin, particularly the white-bellied pangolin, highlights the complex interplay of ecological, social, and economic factors that contribute to the decline of this critically important species. Dr. Stanislas Zanvo and the Laboratory of Applied Ecology are addressing these challenges through a multidisciplinary approach, which is crucial for effective conservation.

Dr. Zanvo is a Deputy Coordinator of the IUFRO Working Party Wildlife conservation and management and received an Outstanding Doctoral Research Award at the IUFRO World Congress in June 2024.

His investigations into the white-bellied and giant pangolins in Benin have provided critical insights into the species' historical and current distributions, as well as the factors driving their decline. His work has also



Stanislas Zanvo with pangolins
(photo provided by him)

uncovered the complex dynamics of the regional pangolin trade, particularly the Asian diaspora is an important link, inciting local hunters and intermediaries to poach pangolins by offering purchase prices 3 to 8 times higher than those paid by local customers.

Dr. Zanvo and his team (MSc Maurice Foundie Agbimakou and committed local actors) are currently conducting a rescue, rehabilitation and post-release monitoring campaign using telemetry and camera trap surveys in the dense semi-deciduous Lama forest, southern Benin. They have already rescued eleven individuals in a 40-day period.

Also, during the same period, the team identified a total of 41 specimens of white-bellied pangolins in traditional medicine markets in southern Benin. This shows that pangolins are valuable resources for traditional medicine. The extent to which pangolins are targeted for poaching also calls for behavioral change on the part of local actors, particularly hunters, who are already being addressed by means of behavior campaigns.

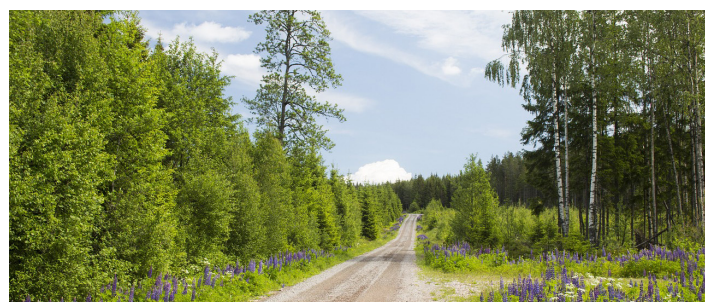
Read: [Full article](#)

My Wild Ideas About Future Forest Management

Article by Swoyambhu Man Amatya, Deputy Coordinator of IUFRO Research Group 1.04.00 [Agroforestry](#), published in [ISTF Newsletter](#)

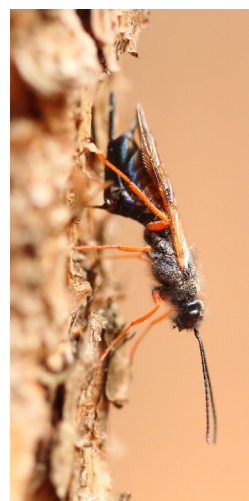
Dr. Swoyambhu Man Amatya, Chairperson of the Nepal Chapter of the International Society of Tropical Foresters (ISTF) published memories of the IUFRO World Congress 2024 and some of his "wild ideas about future forestry management" in the December issue of the ISTF Quarterly Newsletter. The Congress theme "Forests & Society Towards 2050" and the scientific exchange at the event prompted him to share his thoughts about forests and climate change, with a special focus on Nepal. "My personal observations on the pattern of tree flowering, composition of forests, wetlands and other ecosystems in different districts of Nepal, show that climate change is taking its toll in all these aspects of forests, forestry and allied subject matters," he wrote.

Read: [Full article](#)



Sweden summerland on Pixabay

Regional Adaptation of Integrated Pest Management to Control Invasive Forest Insects



Sirex noctilio. Photo: Ludwig Eksteen, FABI, Univ. Pretoria

Increasingly, invasive insect pests affect multiple geographic areas, and integrated pest management (IPM) programs developed in one region are transplanted into others. Overlooked differences in the pest system and IPM response, unique to each invasion, may impede control tactics and compromise their efficacy. To successfully adapt to regional contexts and changing environments, IPM programs require proactive research, continued evaluation, and sharing of knowledge not limited to success stories.

The IUFRO Task Force [Precision Pest Management \(PPM\) in Forest Ecosystems](#) recently developed an evaluation framework to guide the process of regional adaptation and iterative update of IPM programs targeting forest insect pests.

Authors: Michael Stastny; Juan C. Corley; Jeremy Allison
Publisher: Frontiers in Ecology and the Environment, ESA Journals, Wiley; publication year: 2024, [link to DOI](#)

IUFRO Division 3: The ‘How’ of Forestry

Forestry is not just about felling trees, but about how we protect, sustainably manage and restore forests. In the most recent episode of [Branching Out: the Forest Podcast](#), hosts **Jose Bolaños** (IUFRO HQ) and **Dante Bertocci** (International Forestry Students’ Association, IFSA) talk to one of the Co-Coordinators of the International Union of Forest Research Organizations’ (IUFRO) Division 3, Forest Operations, Engineering, and Management.

René Zamora-Cristales (Oregon State University and World Resources Institute), Co-Coordinator of [Division 3](#), explains that this Division focuses on how forestry activities are carried out - from seed collection and forest restoration to logging and resource management. He emphasizes that forest operations go far beyond timber harvesting, playing a key role in biodiversity conservation and forest landscape restoration.

He also highlights that meeting global restoration targets, such as 350 million ha of forest landscapes by 2030 goal set by the UN Decade on Ecosystem Restoration, requires careful planning. Without proper operations and engineering, even well-intentioned restoration efforts can fall short.



René Zamora-Cristales (provided by him)

Artificial intelligence-powered satellite imagery and drone technology are helping scientists map forests, analyse tree health, and optimize resource use. However, René emphasizes that AI remains a decision-support tool - human expertise and local knowledge remain vital for responsible forest management.

As we navigate global challenges, Division 3’s work reminds us that the ‘how’ of forestry is just as important as the ‘why’.

[Tune in to Branching Out: the forest podcast!](#) Listen wherever you enjoy your podcasts, and don’t forget to follow and review! And keep an eye out for our next episode, where we explore Division 4, Forest Assessment, Modelling and Management!

IUFRO Headquarters Executive Team Update

Significant changes within the IUFRO HQ management team came into effect at the beginning of this year: Michael Kleine supports IUFRO as Senior Advisor; Andre Purret is appointed Deputy Executive Director; transition of Janice Burns to IUFRO-SPDC Coordinator.



From left to right: Andre Purret, Michael Kleine, Janice Burns. Photo IUFRO

Michael Kleine supports IUFRO as Senior Advisor

Michael Kleine transferred his two leadership roles as IUFRO Deputy Executive Director and SPDC Coordinator to Andre Purret and Janice Burns, respectively, but continues to support the work of IUFRO as Senior Advisor. IUFRO will thus be able to benefit further from his outstanding scientific expertise, profound

experience in international development cooperation, and exceptional leadership and managerial skills.

In his new role as Senior Advisor, he will advise, among other things, on areas of strategic focus and prioritization for IUFRO’s activities, on the development and implementation of partnerships and joint activities with other organizations, and on strategic financial planning, donor relations and resource mobilization.

Michael Kleine, who holds Master’s, Doctoral and Habilitation degrees from the University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria, served as the Coordinator of IUFRO’s Special Programme for Development of Capacities (IUFRO-SPDC) from 2001 until the end of 2024. During his tenure, IUFRO-SPDC developed into a comprehensive capacity development program that includes training workshops, thematic networking activities and a Scientist Assistance Programme.

In 2010, Michael Kleine was appointed as IUFRO’s Deputy Executive Director, a position that he held in addition to his role as SPDC Coordinator. In this capacity, he provided outstanding support to IUFRO on virtually all major strategic and operational dimensions of IUFRO.

Andre Purret is appointed Deputy Executive Director

Andre Purret, the new Deputy Executive Director of IUFRO, is an Estonian national and holds a Master’s degree in Forest Management. Prior to the current position, he worked as IUFRO HQ Operations Manager and Project Manager for the Global Forest Expert Panels (GFEP) initiative. He joined IUFRO HQ in October 2014 as the second holder of the IFSA/IUFRO Joint Position.

In addition to providing general assistance to the Executive Director and supporting him in IUFRO strategic planning, change

management, organizational processes, budget coordination/ monitoring and compliance, he is the focal point for IUFRO's governing bodies and World Congresses.

Transition of Janice Burns to IUFRO-SPDC Coordinator

Janice Burns, the new Coordinator of IUFRO-SPDC, is a Canadian national and holds a Master's degree in European Forestry. She joined the IUFRO Headquarters team in Vienna in February 2016 as Junior Professional Officer and third holder of the IFSA/IUFRO Joint Position and more recently served as Deputy Coordinator of IUFRO-SPDC. Janice Burns also holds the position of Partnerships and Initiatives Coordinator at IUFRO, where she plays an

active role in building and maintaining relationships with IUFRO's partners. Janice has experience in various regions of the world with specializations ranging from remote sensing and fire management to forest landscape restoration, forest education and wood policy. She formerly held roles as a professional wildland firefighter and aviation coordinator in Canada.

By sharing leadership responsibilities and embracing generational change in this way, the IUFRO HQ team is well-prepared to serve and strengthen the global network of forest science and contribute to positive change amidst multiple crises that forests, science and people are facing.

New IUFRO Task Forces Address Timely Topics

The IUFRO Board has now approved 12 new Task Forces, while the most recently established Task Force on Precision Pest Management (PPM) in Forest Ecosystems (led by Jeremy Allison, Natural Resources Canada) will continue its work in the period from 2025-2029.

IUFRO Task Forces are established on a temporary basis to enhance inter-disciplinary cooperation. *More information will be published on the IUFRO website soon!*



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TF on **Stand Complexity in Planted Forests**. Harnessing stand complexity to improve the resilience of single- and mixed-species plantations for nature climate and people (led by Christophe Orazio, IEFC)

TF on **Gender Equity, Diversity and Inclusion in Forest-related Sectors** (led by Todora Rogelja, University of Padova; Ida Wallin, SLU; Stephen Wyatt, Université de Moncton; and Pipiet Larasatie, University of Arkansas at Monticello)

TF on **Post-Conflict Forest Landscape Restoration: Make "it back better"** (led by Marine Elbakidze, SLU; Ivan Franko National University of Lviv)

TF on **Building an Integrated Vision of the Forest-based Sector within a Bioeconomy** (led by Ivana Zivojinovic, BOKU)

TF on **Scaling-Up Science-based Forest Sector Innovation** (jointly led by FAO, Lyndall Bull; and IUFRO Eric Hansen, Mike Wingfield, Rajat Panwar, Sandra Rodríguez-Piñeros)

TF on **Forest Living Labs for Sustainable Climate Adaptation** (FORLIVS) (led by Philippe Rozenberg, INRAE Orléans)

TF on **Health, Safety, and Social Dimensions of Forest Restoration Operations** (led by René Zamora-Cristales, World Resources Institute/Courtesy Faculty Oregon State University)

TF on **AI for Forest Science** (led by Liyong Fu, Institute of Forest Resource Information Techniques, CAF)

TF on **Interaction and Synergy of Carbon "3S" (Sink, Storage and Substitution) in Forest Value Chains** (led by Shuirong Wu, Research Institute of Forestry Policy and Information, CAF)

TF on **Forest-Water-Livelihood-Governance Nexus** (led by Mingfang Zhang, University of Electronic Science and Technology of China)

TF on **Legacy Forest Information Resources** (led by Hans Juergen Boehmer, Leibniz University, and Sheila Ward, ISTF)

TF on the **Impact of Biodiversity on Carbon-related Ecosystem Services Provided by Soils of Managed Forests** (led by Lorenzo Menichetti, LUKE)

First Woman President at Italian Academy of Forest Sciences

Professor **Susanna Nocentini**, *professor emerita* of silviculture and forest management at the University of Florence, Italy, has been elected President of the Italian Academy of Forest Sciences (AISF), succeeding Prof. Orazio Ciancio. Her appointment marks a significant milestone, as she is the first woman to hold this position since AISF was founded in 1951 and to lead a forest science society in Italy.



Susanna Nocentini started her career as a researcher at the Experimental Institute for Silviculture (Arezzo, Italy). From 2000 to 2023 she was a full professor of Silviculture and Forest Management at the University of Florence. Her scientific interests have focused on new approaches and developments in forest management and planning in relation to the complex adaptive systems theory, and on the relationship between silviculture, forest management and biodiversity conservation.

The new Steering Committee includes also the IUFRO Vice-President for Task Forces Elena Paoletti, who has been a member of AISF since 2015.

IUFRO Scientists Mentor 2025 Restoration Stewards

Launched in 2020 by the Global Landscapes Forum and the Youth in Landscapes Initiative, the [Restoration Stewards](#) program aims to support the efforts of youth-led teams in holistically restoring their landscapes and seascapes while nurturing biocultural diversity.

As part of the program, each Restoration Steward is paired with one or two senior scientists from GLF Charter Member Organizations or the broader network of GLF. IUFRO has supported this program from the start and is happy to announce that two mentors proposed by IUFRO have been confirmed to support two of the 2025 Restoration Stewards:

Vianny Ahimbisibwe (MSc), a research scientist from Uganda working at the Thünen Institute of International Forestry and Forest Economics in Hamburg, Germany, **will mentor Ngobi Joel** from Uganda. Vianny Ahimbisibwe is also pursuing a PhD at the Technical University of Munich. His PhD and his work are focused on the restoration of forest land use potential and ecosystem services in Africa.

Ngobi Joel is a Ugandan climate, education, and rural development activist. He has a Bachelor Degree of Development Studies at Makerere University Uganda. The initiative for which he has been selected is called the School Forest Initiative. It involves mobilizing schools and communities to develop food forests for improved biodiversity and environmental consciousness at the same time providing fruit foods to the children and the community.

Promode Kant, the director of IGREC (Institute of Green Economy) and a former member of the Indian Forest Service, is **will mentor Shaik Imran Hussain Choudhary** from India.



Mentees Ngobi Joel (left) and Shaik Imran Hussain Choudhary (GLF website)

Promode Kant holds a PhD in Climate Change and Forestry, a Master's degree in Physics and in Forestry, and a post graduate diploma in wildlife conservation and management. In IUFRO he has co-authored several important publications mainly related to forest and landscape restoration topics and has served as a workshop trainer for the Special Programme for Development of Capacities (IUFRO-SPDC).

Shaik Imran Hussain Choudhary is a young Indian agriculturist and the founder of Prakheti Agrologics, an agroecology startup focused on promoting agrobiodiversity, sustainable farming, and land restoration in India. His project in the Western Ghats aims to conserve rare, endangered, and threatened (RET) tree species while addressing the livelihood and agricultural needs of local communities, ensuring ecological restoration and economic objectives.

Read more: [HERE](#)

Obituary Dr. Robert “Bob” Szaro

We are sad to inform you that Dr. Robert Chester Szaro (“Bob”) passed away on February 6, 2025. Born in New York in 1949, he was a graduate of Texas A&M University (BS), the University of Florida (MS), and Northern Arizona University (PhD, 1975). Bob joined the US Forest Service in Arizona as a field scientist, later transferring to headquarters in Washington, DC.

When the Government of the United States seconded senior forest scientists from their Forest Service to work with IUFRO in the 1990s, Bob came to Vienna, Austria, to serve as the coordinator of IUFRO's SPDC (Special Programme for Developing Countries at that time) from 1996-2000. During that period, he also served as the Forestry Attache at the US Embassy in Vienna.

During Bob's time as SPDC coordinator, a handbook on “Preparing and Writing Research Proposals” was developed and has



been widely used since. During the same time SPDC also actively engaged in preparatory work to assist the African forest research community to establish the Forest Research Network of Sub-Saharan Africa (FORNESSA). This African network of forest research institutions became operational in 2000 and is still active.

Within this context and the global advancement of information technologies and internet-based information systems, SPDC commenced with a major support project on “Mobilizing scientific information on forests to promote their sustainable management in ACP countries”. This 3-year project funded by the European Commission provided substantial resources and means to expand cooperation with the African forest science community in the field of information management, exchange, and networking.

On behalf of the IUFRO Community we extend our sincere condolences to his family and friends. **Read: [Obituary](#)** (photo source)

Meetings and Webinars

For all IUFRO meetings, visit the [Event Calendar!](#)

2025 Global Webinar Series: Sustainable forest-based bioeconomy approaches

This [2025 global webinar series](#) by the Food and Agriculture Organization of the United Nations will cover topics ranging from data, policies and supply chains to financing and partnerships, and explain how the forest sector can help reduce reliance on non-renewable resources and support a sustainable, climate-friendly economy.

Attendees will contribute to identifying globally relevant shared goals, critical challenges and priorities that can inform evidence-based policy and investment decisions to support the development of the sustainable forest-based bioeconomy approaches.

Webinar 1: From policy to practice: Scaling up sustainable forest-based bioeconomy approaches

Tuesday 11 March 2025, 12.00–13.45 CET

The inaugural webinar in this series aims to set the stage and take stock of policy frameworks for scaling up sustainable forest-based bioeconomy approaches. By spotlighting recent global policy achievements, showcasing effective national and regional strategies, and sharing proven practices, the session will provide actionable insights to shape international discussions and strengthen the forest sector's pivotal role in advancing the broader bioeconomy agenda.

This global webinar series is an integral part of the Country and Organization-Led Initiative on Sustainable Forest-based Bioeconomy Approaches (COLI) and is supported by the Federal Ministry of Agriculture, Forestry, Regions and Water Management of Austria, and the Ministry of Agriculture and Forestry of Finland; in collaboration with the International Union of Forest Research Organizations (IUFRO).

The webinar series is an opportunity to implement the IUFRO 2024 Stockholm Congress Statement urging to make use of science to expand the role of forests and forest products in a responsible circular bioeconomy.

GLOBAL WEBINAR SERIES



Sustainable Forest-based Bioeconomy Approaches

Intercropped Plantation and Doubling of Farmer's Income

New date: 7-8 May 2024, 14:00 UTC; online: [Information IUFRO Research Group 1.04.00 Agroforestry](#)

Agroforestry is a sustainable land use agricultural practice which combines growing trees and agricultural crops including Medicinal and Aromatic plants and other Non-timber Forest Products on the same piece of land at the same time. Intercropped plantation is a similar practice that involves planting different types of agricultural crops together in the same field. An intercropped plantation system is increasingly being recognised as an effective way to promote sustainable agriculture.

Intercropped plantations have the potential to significantly increase a farmer's income through enhanced productivity and diversified revenue streams.



Photo by Hunter Producciones on Pixabay

The goals of this online conference are to analyse and discuss the current state of knowledge on the intercropped plantation and its role in doubling of farmer's income both at the conceptual and practical levels:

- How intercropped plantation helps in sustainable agriculture?
- How does it affect the farmer's profit?
- What are the future prospects for this intercropped plantation?
- What role does it play in climate resilience?

[This online conference](#) is expected to present various existing practices of agroforestry throughout the world and look for the possibility of intercropped plantation that would double farmer's income. Each presenter will have 10 minutes for their presentation and 5 minutes for discussion.

Important dates:

Abstract submission deadline: 20 March 2025

Notification of abstract acceptance: 24 March 2025

Registration deadline: 31 March 2025

Socioeconomic Changes and Challenges in the Forest Sector

The **International IUFRO Conference “Socioeconomic changes and challenges in the forest sector: acknowledging the role of managerial economics and accounting”** organized by IUFRO Research Group 4.05.00 [Managerial economics and accounting](#), and associated Working Parties will take place in **Prague, Czech Republic, on May 13-16, 2025**.

Forests are at the center of global efforts to balance economic development with environmental sustainability. Climate change, market fluctuations and policy uncertainties are increasing the demand for more efficient and resilient management strategies. Addressing these challenges requires innovative approaches in managerial economics and accounting, which offer essential tools for financial planning, risk assessment, strategic decision-making, and improving financial stability in forestry.



Important dates:

The abstract submission deadline has been extended to **March 31, 2025**.

The deadline for submitting full papers is **April 30, 2025**. Send your contributions to e-mail: [kusales\(at\)fld.czu.cz](mailto:kusales@fld.czu.cz) (use subject IUFRO 2025 Prague).

Detailed conference information: [conference webpage](#)
Registration: [International IUFRO Conference Survey](#)

International Conference of KSFE-FETEC 2025

The KSFE-FETEC 2025 conference on **June 30 - July 2, 2025, in Seoul**, Republic of Korea, will share and discuss the latest scientific and professional research work in forest operations and engineering, focusing on managing forest health, forest fires, landslides, and biomass utilization, with participation from internationally renowned researchers, practitioners, and industry stakeholders.

The International Conference of KSFE-FETEC 2025 will be hosted by the Korean Society of Forest Engineering (KSFE). The co-organizers include the Forest Engineering and Technologies Platform (FETEC) and IUFRO [Research Group 3.01.00 Harvesting and transportation engineering](#).

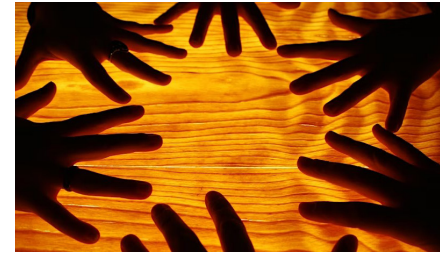
Meeting website

Submit abstracts by 20 March 2025!



8th International Conference on Processing Technologies for the Forest and Bio-based Products Industries (PTF BPI)

IUFRO Research Groups [5.04.00 Wood processing](#) and [5.05.00 Composites and reconstructed products](#) are involved in this conference which will take place on **September 18-19, 2025, in Kuchl/**



Salzburg, Austria. Fifteen years since its first edition, PTF BPI 2025 builds upon the success of previous meetings held in Kuchl/Salzburg, Austria (2010 and 2014), Freising/Munich, Germany (2018), and St. Simons Island/Georgia, USA (2012, 2016, 2021 and 2023).

[This conference](#) provides a forum for discussions and networking opportunities among educators, researchers, and producers of forest and bio-based products, acting as a catalyst for new research, development, and applications in manufacturing industries.

The 2025 edition of the PTF BPI Conference is organized by Salzburg University of Applied Sciences and is scientifically supported by the Forest Products Society (FPS), the International Union of Forest Research Organizations (IUFRO), and the Salzburg Center for Smart Materials (SCSM2.0).

Further information will be announced soon, including details about registration and opportunities to submit an abstract in one of the scientific fields related to PTF BPI:

- Wood processing and applications
- Functionalization of wood and wood-based materials
- Advanced characterization of wood and biomass
- Circular bio-based materials
- Biorefinery

For further information you are welcome to contact us by email: [ptfbpi2025\(at\)fh-salzburg.ac.at](mailto:ptfbpi2025@fh-salzburg.ac.at)

Positions

[Click to find more positions](#)

Full Professorship (W3) for Fire Ecology

The **Department of Forest Sciences, Faculty of Environment and Natural Resources, University of Freiburg, Germany**, invites applications for a Full Professorship (W 3) for Fire Ecology in the Department of Forest Sciences by 6 April 2025.

The professorship represents the field of fire ecology in research and teaching. The research focus is on forest ecosystems of the temperate zone, in particular on forest ecosystems of Central Europe, against the background of the increased forest fires to be expected in Central Europe as a result of climate change.

In addition to representing the field of fire ecology, teaching contributions are expected in the field of disturbance ecology and land management including ecosystem restoration.

For more information, read:

[Full announcement](#)

Professor (Full Tenure) in Silviculture with Focus on Silvicultural Systems

The Department of Forest Ecology and Management of the Faculty of Forest Sciences, Swedish University of Agricultural Sciences (SLU) is inviting applications for the position of Professor (full tenure) in silviculture with focus on silvicultural systems.



By olavi-a on Pixabay

The subject area for the position is silviculture with a focus on silvicultural systems, mainly in boreal forests. A silvicultural system is a planned program of treatments throughout the entire life of a forest stand, designed for influencing the growth of trees and their spatial and temporal distribution to achieve predictable characteristics that align with stand specific economic, ecological and social objectives.

Application deadline: 29 April 2025

Institution: Department of Forest Ecology and Management, Faculty of Forest Sciences, Swedish University of Agricultural Sciences (SLU), Umeå, Sweden

Find out more: [announcement](#)

The New Forest Invasion Synthesis Centre of CZU Is Hiring!

The Czech University of Life Sciences Prague (CZU) is hosting a new socio-ecological synthesis center aimed at advancing the scientific understanding of the ecology and management of biological invasions in forests. [The Forest Invasion Synthesis Centre, Prague \(FISC\)](#) is funded under the ERA Chairs Call of the Horizon Europe Programme, the EU's primary funding program for research and innovation.



The synthesis center hosts collaborative interdisciplinary working groups from outside institutions, along with a team of new post-docs, to explore the many facets of biological invasions by plants, insects, and tree pathogens in forests worldwide. The activities

of FISC are conducted in collaboration with prestigious research and innovation institutions including the Czech Academy of Sciences Institute of Botany.

FISC is inviting applications by 2 May 2025 for:

[Postdoctoral Scientist](#) – Insect Macroecology at the Forest Invasion Synthesis Centre, Prague (FISC)

[Senior Researcher](#) at the Forest Invasion Synthesis Centre, Prague (FISC)

[Postdoctoral Scientist](#) – Insect Macroecology at the Forest Invasion Synthesis Centre, Prague (FISC)

Research Associate (Natural Resources and Climate Change)

The **Observatory for Forests and Just Transitions** is a £1.3 million research program, funded by the Ford Foundation. The Observatory will study the role land rights play in a just transition to a decarbonized future. Taking place over 3.5 years, the observatory team will combine large-scale geospatial and socioeconomic analyses with in-depth qualitative case studies in Mexico, Brazil and Ghana.

A team of GDI researchers (Dr Johan Oldekop and Dr Charis Enns) will lead the observatory's activities alongside co-investigators at the University of Manchester and the University of Ghana, the National Autonomous University of Mexico, and the Federal University of Pará in Brazil.



As part of this project, the University of Manchester is seeking to appoint a long-term (3 years, flexible start date in 2025) post-doctoral research associate based in the Global Development Institute (GDI). Together with collaborators, you will develop a qualitative research program to deepen understanding of the relationship between land rights, decarbonization processes (e.g., critical mineral extraction) and environmental and socio-economic benefits at specific sites in Mexico. As an integral member of the broader Observatory team, you will also help implement the wider program and its activities.

Apply by 17 April 2025

Duty station: Global Development Institute (GDI), School of Environment, Education & Development, University of Manchester

Vacancy announcement: The University of Manchester - Job Information | [Apply for Research Associate \(Natural Resources and Climate Change\)](#)

UN Paper Shares Perspectives on Evidence-based Solutions for SDGs

Read the [full article by IISD!](#)

The UN Secretariat has issued a paper that examines governance and institutional perspectives on advancing sustainable, inclusive, science-, and evidence-based solutions for the SDGs. The report considers measures that can accelerate progress towards the SDGs in key transition areas across the economic, social, and environmental dimensions of sustainable development, while building on the interlinkages between the Goals and targets.

The paper presents a “pentagram of action to reinforce the 2030 Agenda for Sustainable Development,” based on five transformative actions to accelerate SDG implementation:

- Prioritization of and planning for implementation of the Goals;
- Budgeting for the Goals;
- A competent and capable public sector workforce;
- Effective, accountable, and inclusive institutions at all levels; and
- Broad participation and partnerships with stakeholders.



Staying the course of Sustainable Development Goal implementation within the 2030 Agenda at times of polycrises, geo-political tensions, conflicts and wars, declining trust in government, resource strain and fast-changing technology requires an urgent shift of governments towards comprehensive systems thinking.

“All transformative action,” per the report, “should rely on science-informed evidence,” with legitimacy of elected officials and commitments to their voters, coalition building of majority governments, societal values, and ethical considerations also determining policy decisions.

[The report](#) provides recommendations and key messages for potential inclusion in the 2025 ECOSOC/HLPF ministerial declaration.

Further reading:

At UNFF19 in 2024, [IUFRO’s Science-Policy Programme](#) (SciPol) presented the report **International Forest Governance: A critical review of trends, drawbacks, and new approaches**, synthesizing the most pivotal developments in international forest governance since 2010. The findings provide actionable insights for land use and climate policymakers to spur the implementation of just and effective forest policies.

Read the report: [International Forest Governance](#)

Call for Nominations of Experts for Second Global Assessment of Biodiversity and Ecosystem Services

The Plenary of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), in decision IPBES-11/1, approved the undertaking of a second global assessment of biodiversity and ecosystem services. In line with decision IPBES-11/1 and the procedures for the preparation of IPBES deliverables, the Multi-disciplinary Expert Panel invites qualified experts to apply, and Governments and relevant organizations to nominate experts to participate in the second global assessment.

Experts should have experience in the conduct of regional and global analyses relating to nature and nature’s contributions to people in terrestrial, inland water, coastal and marine ecosystems. **Submit applications by 28 March!**

The overall objective of the second IPBES global assessment of biodiversity and ecosystem services is to assess relevant knowledge that has become available since the publication in 2019 of *The Global Assessment Report on Biodiversity and Ecosystem Services* and to assess progress towards achieving the goals of sustainability and living in harmony with nature. The second global assessment will strengthen the science-policy interface on biodiversity and nature’s contributions to people on a range of spatial scales, from the local to the global, by providing the knowledge and the policy support tools needed for informed decision-making. The second global assessment will be delivered in 2028.

Find out more: [CALL](#)

Read: [2019 report](#)



Photo by John Parrotta

Contribute to the next issue of IUFRO News and send your information to [wolfrum\(at\)iufro.org](mailto:wolfrum(at)iufro.org) by 28 March 2025!

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