

Fighting Environmental Crime by Fighting Illegal Timber Trade

Rapid Response to Illegal Timber Trade – Global Assessment Under Way



Photos from left to right:
Josch13/pixabay;
sarangib/pixabay;
Andre Purrett/IUFRO

The need for greater action on the issue of illegal trade in wildlife and wildlife products was recognized very recently at the United Nations Environment Assembly (UNEA-2) that took place from 23-27 May in Nairobi, Kenya. During UNEA-2, a total of 24 resolutions were formally adopted. Resolution UNEP/EA.2/L15/Rev.1 on "Illegal trade in wildlife and wildlife products" makes reference to timber and timber products in general.

Environmental NGOs have been raising public awareness of the problem over years, and numerous governmental initiatives have been established to tackle this issue. However, only limited progress has been made to date in reducing illegal logging and timber trade.

Against this background, IUFRO as the lead agency and coordinator of the Global Forest Expert Panels (GFEP) initiative in the CPF was mandated to establish a **GFEP Rapid Response Assessment on Illegal Timber Trade**. While there are many scientific publications on the topic, the information has not yet been systematically assessed and synthesized, a gap which the Rapid Response aims to fill with a view to informing more effective political decisions regarding illegal logging and trade of timber.

Back-to-back with the UNEA-2 in Nairobi, IUFRO held a Scoping Meeting of the GFEP Rapid Response on Illegal Timber Trade. The meeting was kindly hosted by UNEP just a few days before the UNEA-2. The meeting gathered more than 25 experts, including leading scientists on the topic, representatives from indigenous peoples and from expert institutions such as the World Bank, UNDP/UN-REDD, the Swiss Agency for Development and Coope-

ration (SDC), UNFF, Transparency International, the EU FLEGT Facility, INTERPOL, GRID-Arendal, the FAO FLEGT Programme, UNEP and IUFRO. Mr. Ibrahim Thiaw, Deputy Executive Director of UNEP, and Mr. Alexander Buck, Executive Director of IUFRO, opened the meeting expressing the great need and expectations for the GFEP Rapid Response.

As a result of the Scoping Meeting, scientists serving as the Lead Authors of the assessment will synthesize and analyze existing scientific information regarding the various concepts of illegal logging/illegal timber trade, economics of illegal trade, impacts and drivers of illegal logging and associated timber trade, governance framework and response options, as well as implementation aspects including law enforcement and monitoring.

This "Global Forest Expert Panel (GFEP) Rapid Response on Illegal Timber Trade" will result in a state-of-knowledge report and associated policy brief that will both be formally launched at CBD COP-13 in December 2016 in Cancún, Mexico.

More information about the Scoping Meeting and the GFEP Rapid Response assessment on Illegal Timber Trade: <http://www.iufro.org/science/gfep/illegal-timber-trade-rapid-response/>

Also read the blog article released on the occasion of this year's World Environment Day (WED), celebrated on 5 June 2016:

<http://blog.iufro.org/2016/06/05/fighting-wildlife-crime-by-fighting-illegal-timber-trade/>



Early bird registration deadline: 31 July 2016

IUFRO Regional Congress for Asia and Oceania 2016

Forests for Sustainable Development: The Role of Research

📍 Beijing, China 🕒 October 24 - 27, 2016

<http://www.iufro-ao2016.org/en/>



Genomics and Forest Tree Genetics

Report by Christophe Plomion, INRA, IUFRO Researcher

Meeting website:

<https://colloque.inra.fr/iufro2016>

Twitter account:

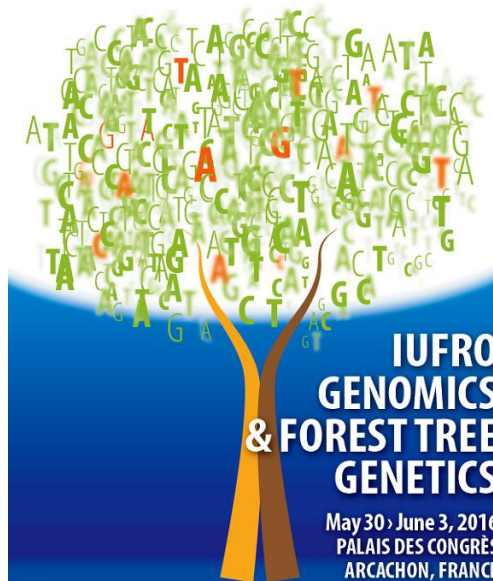
<https://twitter.com/IufroGen2016>

Just a decade after the first forest tree genome sequence was published (that of black cottonwood in 2006), the rapidly evolving tools and methods of 'omics' and bioinformatics have advanced our understanding of topics such as: tree growth and development; the responses of trees to intrinsic and extrinsic factors; the remarkable buffering capacity of trees, enabling them to cope with chronic stresses and extreme events; the molecular basis of genetic variation within and between species; and the way in which this variation has been shaped by evolutionary forces and its relationship to phenotypic variation and adaptation.

Genomics will undoubtedly play a major role over the next decade and beyond, not only to further understand the mechanisms underlying the adaptation and evolution of these organisms, but also to develop and implement innovative management and policy actions to preserve the adaptability of natural forests and intensively managed plantations. Knowledge gained through the use of 'omics' technologies can thus have a huge potential impact when helping forests adapt to the main challenges they will face in the future (e.g. increasing wood demand, pressure to conserve forest areas, climate changes and associated threats).

The conference on "Genomics and Forest Tree Genetics" held on May 30 – June 3, 2016 in Arcachon, France, was the first to bring together four Working Parties of IUFRO Research Group [2.04.00](#) "Genetics" in a single event. The general theme these Working Parties have in common is the application of molecular technologies to study important commercial or evolutionary traits of forest trees. These traits can range from the expression of a single gene in a particular tissue to allele frequencies among hundreds of genes in populations that span a continent. Information from the smallest scale of investigation can often be used in investigations at the largest scales. With this in mind the Genetics Research Group provides an organizational structure where ideas and information are openly exchanged among seemingly disparate fields of research.

The objective of the conference, which attracted 235 participants representing 35 countries, was to present and discuss new scientific findings in the area of population, quantitative and evolutionary genetics and how they can be applied in genetic resource conservation and breeding.



A full-day workshop organized by INRA Metaprogramme SELGEN, complemented the sessions and focused on key steps of genomic selection implementation: (1) the optimization of the training population in which the genomic prediction equation is estimated, (2) the construction of the genomic relationship matrix that replaces the pedigree-based relationship matrix, (3) the prediction of the breeding values with the most appropriate models.

Short talks introduced theory and concepts and were followed by demonstrations and guided exercises with computing tools.

Three journals will host special/invited issues related to the topics of the conference:

<https://colloque.inra.fr/iufro2016/Special-issues>

Six best poster awards were also distributed:

<https://colloque.inra.fr/iufro2016/Poster-awards>

Full meeting report at: <http://www.iufro.org/science/divisions/division-2/20000/20400/activities/>

Book of abstracts:

<https://colloque.inra.fr/iufro2016/Programme>

(Report abridged by the editor)

Forests and Sustainable Decision Support Systems (FSDSS) at the 2016 International Conference in DSS Technology

Report by Jan Kašpar (Co-organizer and chair of FSDSS), Marco Marto, José G. Borges (Coordinator of IUFRO Unit [4.04.04](#) and co-organizer of FSDSS) and Harald Vacik (Co-organizer of FSDSS)

The special session on Forest and Sustainable DSS at the 2016 International Conference on Decision Support System Technology (<https://icdsst2016.wordpress.com/program/special-session-on-forestdss/>) brought together researchers from different countries over the world to present current research and case studies in the field of forestry decision support systems.

The Conference (<https://icdsst2016.wordpress.com/>) took place in May 23-25, 2016 in Plymouth, UK. It was organized by the EURO Working Group for Decision Support Systems. This year's conference was focused on DSS for Addressing Sustainability and Societal Challenges. The conference involved around 50 participants from 16 countries in Europe, Africa, America and Asia (China, France, Spain, Italy, Germany, UK, Portugal, Austria, Serbia,

Greece, Czech Republic, South Africa, Canada, Brazil and USA). Its program encompassed 4 keynote presentations addressing current main issues of decision-making in the different fields such as manufacturing, building, environment or financial uncertainty. It encompassed also more than 30 oral presentations organized in 7 sessions focusing on themes such as:

- a) Knowledge-based DSS,
- b) DSS applications in healthcare and management,
- c) Data analytics and risk analysis,
- d) Multiple criteria decision-making,
- e) Forest and sustainable DSS,
- f) Supply chain and logistics DSS, and
- g) DSS applications.

The session on "Forest and Sustainable DSS" focused on the use of DSS in forest resources management and policy analysis. It aimed at presenting and discussing the state-of-the-art of the use of DSS in the forest sector. It encompassed 5 oral presentations:

1. An Operations Research-based Morphological Analysis to Support Environmental Management Decision-Making by M. F. Teles;
2. A Web-based Forest and Natural Resources Decision Support System: SADFLOR by M. Marto;
3. A Multicriteria Decision Model for Selecting Wastewater Treatment Systems for Brazilian Industrial Laundries by S. Daher;
4. Challenges in the Design of Forest Management Decision Support Systems addressing Sustainability and Societal Demands by Jan Kašpar and
5. DSS Optimal for Use in Brazil Plantation Management by Jan Kašpar.



Photos of the 2016 International Conference in DSS Technology and the Forests and Sustainable Decision Support Systems Special Session in Plymouth, UK, May 23-25, 2016 (by Jan Kašpar and Marco Marto)

The conference worked well as a meeting place for experts on the development and implementation of DSS and operations research methods. It brought together researchers at very different stages of their careers, from PhD students to professors and from different continents. The special session helped disseminate research on the use of DSS in forest sector among the wider DSS research and developer communities.

The participants had the opportunity to share some ideas, knowledge and experience in a more informal way in the conference social activities. This may help strengthen the recent ties between IUFRO and the Community of Practice (CoP) on Forest Management Decision Support Systems (<http://www.forestdss.org/>) and the Euro Working Group on Decision Support Systems (EWG-DSS) (<https://ewgdss.wordpress.com/about/>).

17th International Symposium on Legal Aspects of European Forest Sustainable Development

Report by Rastislav Sulek, Coordinator, and Peter Herbst, Deputy Coordinator of IUFRO Research Group 9.06.00 Forest Law and Environmental Legislation

IUFRO Research Group 9.06.00 (formerly 6.13.00) has been operating world-wide over decades to collect, evaluate and document, disseminate and also critically analyze developments in forest law and environmental legislation. Special emphasis has always been placed on Central and Eastern European countries and, in particular, on countries with economies in transition. The Group aims at fostering the exchange of information amongst researchers and practitioners active in the fields of forest law and environmental legislation, and to permanently review the state of the subject, thereby setting priorities concerning research and practice. Thanks to the many lawyers in the Group it has also been highly successful in accomplishing the scientific transfer between traditional forestry communities and legal circles. The group's work has clearly contributed

to easing long-standing deadlocks, by connecting policy and law in research and in real life as well as in policy and law design and, mainly, in policy and law implementation.

Starting from 1998, this IUFRO Research Group has regularly organized workshops to discuss legal aspects of European forest sustainable development in a non-formal and, thus, highly productive way. Continuing with the new tradition, on the occasion of the 17th International Symposium on "Legal Aspects of European Forest Sustainable Development" in Prague, Czech Republic, on 18-20 May 2016, 42 researchers and practitioners from 18 countries pre-registered to attend this meeting and, finally, 25 of them were able to use the unique opportunity to get more familiar with the new legal situation mainly in European

forests. Participants came from Albania, Armenia, Austria, Bosnia and Herzegovina, Czech Republic, Japan, Romania, Slovakia, Slovenia and Turkey.

In the course of the discussions and presentations, special attention was given to issues of liability resulting from public access to forests. Description and analysis of a legal framework for protected areas and rural development in connection to the management of forest assets were also of great importance. The hosts also shared their opinions on problems of forest property restitutions in CEE countries. A business meeting of RG 9.06.00, during which the participation at the IUFRO 125th Anniversary Congress was discussed, was also held during the symposium.

The symposium was kindly hosted by the Faculty of Forestry and Wood Sciences of the Czech University of Life Sciences Prague, Czech Republic (CULS) and supported by the co-host organization, the Technical University in Zvolen, Slovakia. The meeting was organized by Michal Hrib of CULS and his respective staff at CULS together with Rastislav Sulek and Jan Lichy of the Faculty of Forestry of Technical University in Zvolen, and Peter Herbst (IUFRO 9.06.00).

Interested in IUFRO 9.06.00?

You are welcome to visit <http://www.iufro.org/science/divisions/division-9/90000/90600/> for more information and the full report, or directly contact the coordinator via email: rastislav.sulek@tuzvo.sk

(Report abridged by the editor)

Photo (top): Participants at the Faculty of Forestry and Wood Sciences of the Czech University of Life Sciences Prague (by Michal Hrib)



Photo (bottom): Field trip to the University Forest Enterprise in Kostelec nad Cernymi Lesy (by Franc Ferlin)

Advances and Challenges in Managerial Economics and Accounting

Report by Walter Sekot, Coordinator of IUFRO Working Part [4.05.01](#), Deputy of IUFRO Research Group [4.05.00](#)

Meeting website: <https://www.wiso.boku.ac.at/afotagungen-forst/iufro-symposium-2016/>

Forests contribute to modern societies through cultural, economic, environmental, institutional and social dimensions. Forest management decisions and practices, therefore, must incorporate information concerning all of these dimensions. In addition, global issues such as changes in society, climate and forest values influence and transform the ways in which forest ecosystems are perceived, managed and used.

The role of managerial economics and accounting in forest ecosystems management and policy development in response to these evolving conditions and needs of society were central to this symposium which addressed and aimed to contribute to theme 3 of the IUFRO-strategy: 'Forests and forest products for a greener future'.

At the symposium held on 9-11 May 2016 at the University of Natural Resources and Life Sciences Vienna (BOKU), Austria, a broad range of topics was addressed by the 41 participants in 29 oral presentations and 2 poster presentations.

Seven further papers had been accepted and are documented in the proceedings.

Non-wood products, forest services, urban forestry, bio-energy, financial reporting, national accounting, value chain analysis, payments for ecosystem services, forest planning, forecasting, perceptions and performance are just a few of the keywords illustrating the rich pool of contributions, related issues and approaches.

The number of papers and the diversity of topics addressed underline both the productivity and heterogeneity of research in managerial economics and accounting. Numerous contributions were located at the interface to the subject fields of other research units (in Division 4 but also in Divisions 3 and 9), thus highlighting the significance of problem-oriented, interdisciplinary scientific investigations.

The symposium was a sequel to the jointly organized, annual meetings of IUFRO RG [4.05.00](#) - Managerial economics and accounting and its WPs [4.05.01](#) - Managerial, social and environmental accounting, [4.05.02](#) - Managerial

al economics and [4.05.03](#) - Managerial economics and accounting in Latin America. The meeting was generously hosted by the University of Natural Resources and Life Sciences Vienna (BOKU), Forstamt und Landwirtschaftsbetrieb der Stadt Wien (MA 49), Österreichische Bundesforste AG (ÖBf) and Biosphärenpark Wienerwald.

Conclusions

Physical and monetary assessments in regard to timber production as well as the provision of non-wood goods and forest services are of great importance at company, regional, national but also global levels. The establishment of sound valuations is confronted with deficits in regard to data and knowledge as well as methodological challenges, in the financial and in the social sphere alike. The management of forests has to deal with a great diversity of frame conditions, objectives, attitudes and perceptions. Future research in managerial economics and accounting seems especially promising in regard to the multi-functionality of forests and required adaptations in view of changing framework conditions. According to the heterogeneity of research issues, a broad range of methods - quantitative as well as qualitative ones - have to be applied and refined.

Outlook

Proceedings have already been published and are available for download. Presentations are available on the conference website depending on the specific permission on behalf of authors. A special issue of the SCI-rated Austrian Journal of Forest Science is dedicated to the conference and will comprise selected and peer-reviewed scientific papers based on oral presentations.

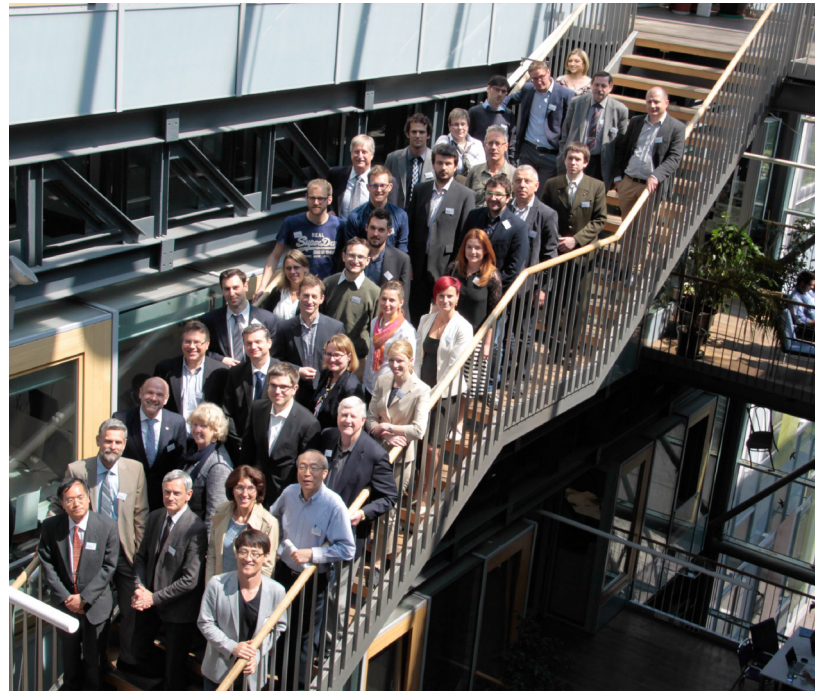


Photo of meeting participants (by Philipp Toscani/BOKU)

Research Group 4.05.00 and its Working Parties will organize scientific sessions at the IUFRO 125th Anniversary Congress in Freiburg, Germany, September 19 - 22, 2017. In 2018 the annual meeting of the RG will take place at the Faculty of Forestry, Zagreb, Croatia.

Adapting Forest Management for Climate Change: Improving Research-Policy-Practice Partnerships

By Rod Keenan, Coordinator of IUFRO Working Party [4.04.08](#) - Adaptation to climate change
Carina Keskitalo, Deputy Coordinator of 4.04.08

At the 2016 edition of the Adaptation Futures conference, Professor Rod Keenan, University of Melbourne, Australia, and Professor Carina Keskitalo, Umeå University, Sweden, organized a session on "Adapting forest management for climate change: improving research-policy-practice partnerships".

Adaptation Futures is the biennial conference of the Global Programme of Research on Climate Change Vulnerability, Impacts and Adaptation (PROVIA). In 2016 the European Commission and the Government of the Netherlands co-hosted the fourth edition in Rotterdam on 10-13 May.

The session chair, Rod Keenan, opened the session describing how forest managers are facing unprecedented change. Over the past 25 years there have been fundamental societal changes: increased population, a shift towards urban living, accompanied by greater wealth and increased demand for food. This is placing significantly different societal demands on forests than those of the past. At the same time we see decreased forest cover,

particularly in the tropics, largely through conversion of land to food production. To these trends we can add the risks and impacts that climate change poses to forests. These impacts were illustrated through the examples of recent unseasonal wildfires in Western Canada, increased tree drought death in many parts of the world but also in increased forest growth across Europe through higher temperatures, longer growing seasons and increased CO₂. Change is likely to take place more rapidly and in uncertain directions in the future. How do forest managers respond to these changes?

Four speakers, Harry Nelson, Elias Andersson, Guangyu Wang and Harry Nelson (presenting on behalf of Jason Edwards, Mark Johnston, Dave Peterson and Tim Williamson) introduced different approaches to adaptation in forest management from different parts of the world.

The discussion concluded that there were promising initiatives and demonstration of science-management research partnerships that were successful in building the capacity

for adaptation in forest management. We need to further strengthen, build on and expand these efforts. Forest management policies and regulations need to incorporate consideration of future climate risks and allow flexibility in future different management approaches. Agencies need clearly identify responsibilities and provide resources for communication and engagement among all stakeholders with an interest in the future of forests under a changing climate.

(Report abridged by the editor)

For the full report, see:

<http://www.iufro.org/science/divisions/division-4/40000/40400/40408/activities/>

1st International Forest Policy Meeting

By Lukas Giessen, Coordinator of IUFRO Research Group 9.05.00 - Forest policy and governance

The 1st International Forest Policy Meeting was held in Hann. Münden from 16-18 March 2016 as part of the activities of IUFRO RG 09.05 on Forest Policy and Governance and hosted by Göttingen University.

In an international, workshop-like, scholarly conference format it brought together some 60 forest policy scientists from 15 European countries. Organized by Dr. Lukas Giessen, Prof. Max Krott (both University of Göttingen/Germany) and Dr. Vilis Brukas (SLU/Sweden), the event marked an important development in academic forest policy networking, because it merged two established research networks, i.e. the almost 50-year-old "Forstpolitikertreffen" and the Nordic Network on Forest Policy Science.

From now on International Forest Policy Meetings will be convened as a recurring event every other year, especially for providing to young researchers a critical platform for presenting and discussing their research. The presentations held at the 2016 meeting can be found at:

<http://www.iufro.org/publications/proceedings/proceedings-meetings-2016/#c24925>



Photo of workshop participants (provided by Lukas Giessen)

Scent Detection Dogs for the Asian Longhorn Beetle

Press release from the IUFRO Member *Austrian Research Centre for Forests (BFW)*

<http://bfw.ac.at/rz/bfwcms.web?dok=10131>

Dogs are known to be used for explosive or medical detection or as drug-sniffing dogs. But did you know you can also use them as detection dogs in timber trade? The Austrian Research Centre for Forests (BFW) trains and works with the animals to detect the Asian longhorn beetle (*Anoplophora glabripennis*) and the Citrus longhorn beetle (*Anoplophora chinensis*).

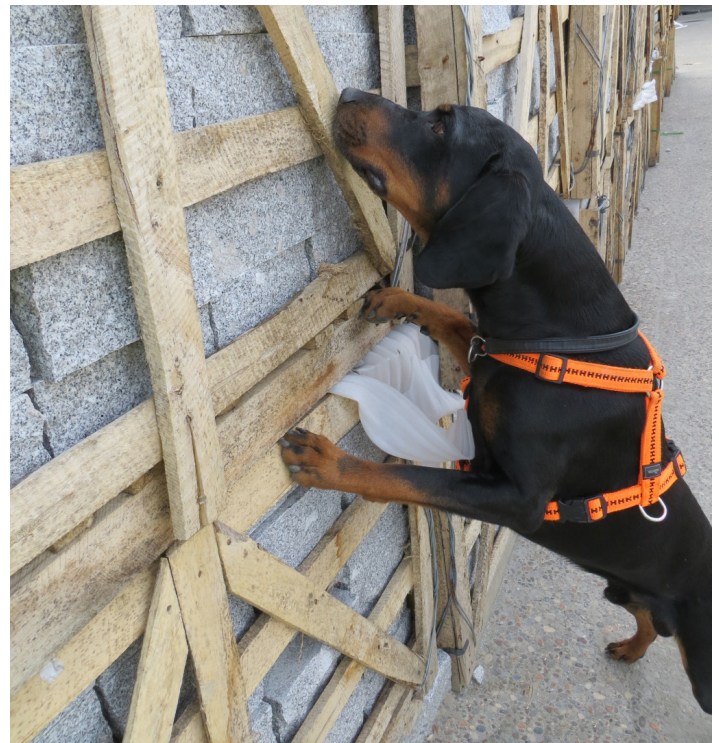


Photo: BFW/Katrin Grollnigg

Anoplophora detection dogs have been trained at the BFW in Vienna, Austria, since 2009. They are able to differentiate the scent of all developmental stages of *A. glabripennis* and *A. chinensis* in different host species. Additionally, the dogs cannot only detect empty galleries and exit holes, but also overgrown oviposition sites. A new study, published in the EPPO Bulletin, proves that in outdoor tests indicating real life settings (wind, temperature, noises) 75 to 88 percent of the samples were correctly identified. Under abstract standardized conditions the percentage of correctly indicated samples was even higher, 85 to 93 percent.

Global trade and worldwide shipping of wood and wood packaging material (WPM) has led to an increase in Asian longhorn beetle outbreaks in Europe. The pest can cause severe damage in hardwood forests and urban areas.

Practical testing of trained dogs in outbreak areas in Austria, Germany, Italy, Croatia, the UK, the Netherlands and Switzerland resulted in detecting *A. glabripennis* in wood

packaging material and also in standing trees. *A. chinensis* was also detected in imported plants and even in the roots of plants. The dogs are therefore used in infested areas, nurseries and for import controls of WPM and plants. Detection dogs of various breeds, educated and certified by the BFW work regularly in Austria, Germany and Switzerland

In 2011 an Anoplophora detection dog training program was established at the BFW, open to teams of dogs and their handlers from National Plant Protection Organizations (NPPOs), forest services and private persons.

Literature:

Hoyer-Tomiczek, U.; Sauseng, G.; Hoch, G. (2016): *Scent detection dogs for the Asian longhorn beetle, Anoplophora glabripennis*. *Bulletin OEPP/EPPO* 46: 148–155

Note:

IUFRO officeholder Mariella Marzano (7.03.15 - *Social dimensions of forest health*) co-authored a book on Asian longhorn beetle eradication:

“My garden is the one with no trees”: Residential Lived Experiences of the 2012 Asian Longhorn Beetle Eradication Programme in Kent, England

Emily F. Porth & Norman Dandy & Mariella Marzano.

<http://www.iufro.org/science/divisions/division-7/70000/70300/70315/publications/>

Publications

Latest additions to the IUFRO Proceedings archive:

<http://www.iufro.org/publications/proceedings/proceedings-meetings-2016/#c24926>

<http://www.iufro.org/publications/proceedings/proceedings-meetings-2016/#c24925>

IUFRO Forest History and Traditional Knowledge - Newsletter 1/2016

Prepared by Professor Ian D. Rotherham, Sheffield Hallam University, UK

Read about important recent achievements and upcoming events in this very broad and active Research Group.

<http://www.iufro.org/science/divisions/division-9/90000/90300/publications/>

3rd Working Party 9.01.05 Newsletter

The 3rd issue of the Working Party newsletter is now available. Read about an international expert workshop on strengthening collaboration on C&I to promote and demonstrate SFM, the 16th Montréal Process TAC Meeting and the 1st gathering of our Working Party! <http://www.iufro.org/science/divisions/division-9/90000/90100/90105/publications/>

Special Issue of the Journal of Environmental Radioactivity

Thirty years have passed since the Chernobyl accident (1986) and five years since the Fukushima Daiichi NPP accident (2011). In the aftermath of the Chernobyl accident, radionuclides contaminated large forested areas within many European countries yet forest radioecology studies were not prioritized until several years after the initial deposition. The radioactivity released from the Chernobyl NPP was approximately 10 times that released from the

Fukushima Daiichi NPP. This Special Issue aims to share with the scientific community the latest studies on contamination of forests in Japan.

This publication is based on the papers/presentations made during the session which was held by IUFRO Working Party 8.03.07 - Radioactive contamination of forest ecosystems during the XXIV IUFRO World Congress in Salt Lake City, USA, from 5-11 October 2014.

Details at: <http://www.sciencedirect.com/science/article/pii/S0265931X16000187#>

Also see: <http://www.iufro.org/science/divisions/division-8/80000/80300/80307/publications/>

Forest Policy Analysis: Advancing the Analytical Approach

Forest Policy and Economics

Volume 68, Pages 1-122 (July 2016)

Edited by Daniela Kleinschmit, Michael Böcher and Lukas Giessen

<http://www.sciencedirect.com/science/journal/13899341/68>

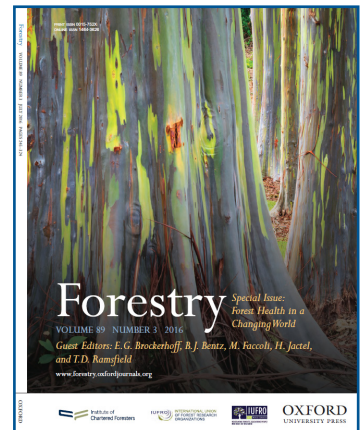
IUFRO Spotlight #38

Climate Change and Invasive Alien Species Worsen Outlook for Forest Health

<http://www.iufro.org/publications/iufro-spotlights/>

Highlighting:

Forest Health in a Changing World
Special Issue of Forestry
Volume 89 Issue 3 July 2016



This Special Issue has been coordinated by Tod Ramsfield and Eckehard Brockerhoff from IUFRO Division 7. It contains papers that were initially presented at the IUFRO World Congress in Salt Lake City, Utah, in 2014.

<http://forestry.oxfordjournals.org/content/89/3.toc>

Print ISSN 0015-752X / online ISSN 1464-3626

Read the summary paper:

Ramsfield TD, Bentz BJ, Faccoli M, Jactel H, Brockerhoff EG (2016) Forest health in a changing world: Effects of globalization and climate change on forest insect and pathogen impacts.

<http://forestry.oxfordjournals.org/content/89/3/245.full>

Special Issue: Synergies between Biodiversity and Timber Management

International Journal of Biodiversity Science, Ecosystem Services & Management

This Special Issue is based on a technical session at the IUFRO 2014 World Congress. Papers examine potential positive interactions between biodiversity and managing for timber production, especially of high-value species.

The overview of the special issue can be found at:

<http://www.tandfonline.com/doi/full/10.1080/21513732.2016.1169578#abstract>

The links for the articles are available at:

<http://www.tandfonline.com/toc/tbsm21/12/1-2>

Policy Brief – Urban Tree Diversity for Sustainable Cities. Facts & Reviews

This policy brief summarizes the benefits of diverse tree populations and the actions required to achieve high urban tree diversity, published by Nordic-Baltic Centre of Advanced Research on Forestry Serving Urbanised Societies II (CARE-FOR-US II)

<http://www.nordicforestresearch.org/wp-content/uploads/2011/03/URBAN-TREE-DIVERSITY3.pdf>

Now in Spanish: Crítica de la silvicultura. El manejo para la complejidad

The *Critique of Silviculture* (Island Press) is now available in Spanish. The book offers an in-depth look at the current state of the field and provides suggestions for its future development. *Klaus J. Puettmann, K. David Coates, Christian Messier. Editorial: ACCI (Asoc. Cultural y Científica Iberoameric.) Año Publicación: 2016; Páginas: 294; ISBN 978-84-16549-23-8*

http://www.vnetlibrerias.com/index.php?route=product/product&product_id=207655&tracking=54d93caa4e92c

International Leadership Award for IUFRO President Mike Wingfield

Congratulations to Mike Wingfield who has been awarded the Distinguished Leadership Award for International Scientists for 2016, by his alma mater, the University of Minnesota!

Dr. Mike Wingfield is a worldwide leader in tree disease biology whose thirty-year career has been dedicated to researching tree pests and pathogens. The numerous discoveries he has made, in addition to the expansive body of work he has published, have both advanced the field and cemented his position as a world leader in the field of tree disease biology.

Wingfield attended the University of Minnesota as a Ph.D. student in Plant Pathology from 1980 to 1983. Upon returning to his native South Africa, Wingfield obtained a position as a senior agricultural researcher at the Plant Protection Research Institute, before serving as a researcher and professor at the University of the Free State and



Photo: Lourens Uitenweerde

a Mondi Professor of Forest Pathology at the University of Pretoria.

In 1990, Wingfield established the Tree Protection Co-operative Programme (TPCP) with the goal of minimizing the impact of pest and pathogens threatening South Africa's commercial forestry. In the years since, TPCP has grown to be the world's largest tree health project and led to the 1998 establishment of the University of Pretoria's Forestry and Agricultural Biotechnology Institute (FABI) where Wingfield served as founding director. Today, he continues to serve as professor and director of FABI.

Mike Wingfield has been involved in IUFRO activities since the early days of his career. During this time he has served as an officeholder in most of IUFRO's structures including being a Division Coordinator, Vice-President responsible for the Divisions and served on the IUFRO Management Committee for nine years prior to becoming President of the Union in October 2014.

Positions

<http://www.iufro.org/discover/noticeboard/position-announcements/>

Joseph E. Ibberson Endowed Chair in Urban and Community Forestry

The College of Agricultural, Ecosystem Science and Management, of Penn State University, Pennsylvania, USA, is seeking an individual to provide leadership in urban and community forestry through programs of instruction, research, and public service.

Review of applications will start on September 1, 2016.

<https://psu.jobs/job/63867>

Director at the Forest Sciences Centre of Catalonia

Submit application by: 31 July 2017

<http://www.ctfc.cat/docs/call%20for%20applications%20Director.pdf>

Research Associate (Post Doc) on Wildfire Refugia

The Department of Forest Ecosystems & Society at Oregon State University, Corvallis, OR, USA invites applications for a full-time (1.00 FTE), 12-month fixed term Research Associate (Post Doc) position.

Submit application by: 15 August 2016

<https://jobs.oregonstate.edu/postings/26794>

IUFRO Meetings

Search our online calendar for a full list of meetings:

<http://www.iufro.org/events/calendar/current/>

Find non-IUFRO meetings on the IUFRO Noticeboard:

<http://www.iufro.org/discover/noticeboard/>

Also search for forest-related events in GFIS at:

<http://www.gfis.net>

18-21 Jul 2016

IUFRO Expert Workshop on Ecosystem Services and Natural Hazards of Mountain Forests in Central Asia

Kapriz Center, Baktuu-Dolonotu, Kyrgyzstan

IUFRO [1.06.00](#)

Contact: John Stanturf, jstanturf@fs.fed.us

Muslim Rajapaev, mrajapbaev@yandex.ru

<http://www.iufro.org/science/divisions/division-1/10000/10600/activities/>

29 Aug – 2 Sep 2016

EcoSummit 2016:

Ecological Sustainability: Engineering Change

Montpellier, France

IUFRO [8.03.00](#)

Contact: Alexia Stokes, alexia.stokes@cirad.fr

<http://www.ecosummit2016.org/>

Including a meeting of the IUFRO Task Force on

Forests, Soil and Water Interactions: <http://www.iufro.org/science/task-forces/forests-soil-water/activities/>

29 Aug – 2 Sep 2016

Forest Communication Meeting - Joint Meeting with UNECE-FAO Forest Communicators Network

Portland, Oregon, United States

IUFRO [9.01.02](#)

Registration open!

Contact: Cynthia Miner, clminer@fs.fed.us

<http://www.iufro.org/science/divisions/division-9/90000/90100/90102/activities/>

30 Aug – 2 Sep 2016

FORCOM/SFEM/2016 - Sustainable Forest Management in a Rapidly Changing World: Philosophy and Technology for Forest Resource Management

Tsu-City, Japan

IUFRO [4.00.00](#)

Contact: Naoto Matsumura, forcom2016@gmail.com

<http://www.bio.mie-u.ac.jp/kankyo/shizen/lab4/fc-2016new/index.html>

30 Aug 2016

Human Dimensions of Tree Health & Plant Biosecurity Workshop: International Perspectives

London, United Kingdom

IUFRO [7.03.15](#)

Contact: Mariella Marzano, Mariella.Marzano@forestry.gsi.gov.uk

<http://www.iufro.org/science/divisions/division-7/70000/70300/70315/activities/>

26-29 Sep 2016

IUFRO International Conference: Between Tradition and Increasing Challenges: Future Development of Small-scale and Community Forestry in Times of Global Change

Foz do Iguacu, Brazil

IUFRO [3.08.00](#), [9.03.00](#), [9.05.06](#)

Contact: Mónica Gabay, mgabay@ambiente.gov.ar

<http://www.latinoamericajointiufromeeting.com/>

26-29 Sep 2016

Final meeting of Cost Action FP1202 MaP-FGR and conference on Marginal and Peripheral Tree Populations: A Key Genetic Resource for European Forests

Arezzo, Italy

IUFRO [2.02.13](#), [2.00.00](#)

Contact: Fulvio Ducci, fulvio.ducci@crea.gov.it

http://map-fgr.entecra.it/?page_id=66

4-6 Oct 2016

International and Multi-disciplinary Scientific Conference "Forest policy and governance: Analyses in the environmental social sciences"

Bogor, Indonesia

IUFRO [9.00.00](#), [9.05.00](#)

Contact: Lukas Giessen, lgiesse@gwdg.de

<http://iufroforpolbogor2016.ipb.ac.id/>



24-27 Oct 2016

IUFRO Regional Congress for Asia and Oceania

Forests for Sustainable Development: The Role of Research

Beijing, China

<http://www.iufro-ao2016.org/en/>

Early Bird Registration until 31 July 2016!

<http://www.iufro-ao2016.org/en/page.asp?hid=&pageid=84.html>

24-28 Oct 2016

IUFRO All-Division 8: Forest Environment and Changing Climates and Societies

<http://www.iufro-ao2016.org/en/page.asp?hid=&pageid=82.html>

8-10 Nov 2016

X Congreso Latinoamericano de Derecho Forestal Ambiental: Bosques Gente y Paz, una Oportunidad para la Integración

Bogotá, Colombia

IUFRO [9.06.01](#)

Contact: Gloria Sanclemente Zea, gsanclemente@ecoversa.org

<http://www.iufro.org/science/divisions/division-9/90000/90600/90601/>

14-18 Nov 2016

ForestSAT 2016: a bridge between forest sciences, remote sensing and geo-spatial applications

Santiago, Chile

IUFRO [4.00.00](#)

Contact: Ronald McRoberts, rmcroberts@fs.fed.us

<http://forestsatsat2016.com/>

28 Nov – 2 Dec 2016

Congreso Latinoamericano IUFRO de Ecología del Paisaje & 2º Congreso Latinoamericano de IALE

Temuco, Chile

IUFRO [8.01.02](#)

Deadline for abstract submission extended: 21 July

Contact: Guillermo Martinez Pastur,
gpastur(at)conicet.gov.ar
<http://www.iufrole2016.ufro.cl/>

4-7 Apr 2017

COST FP1204 - Green Infrastructure: Nature-based Solutions for Sustainable and Resilient Cities

Orvieto, Italy

IUFRO [8.01.02](#)

Contact: Giovanni Sanesi, giovanni.sanesi(at)uniba.it
<http://www.greeninurbs.com/finalconference/>

7-11 May 2017

Meeting of Working Party 7.02.02 Foliage, Shoot and Stem Diseases of Forest Trees

Niagara Falls, Ontario, Canada

IUFRO [7.02.02](#)

Contact: Tod Ramsfield, Tod.Ramsfield(at)canada.ca
http://www.uoguelph.ca/~thsiang/iufro/160520_iufro2017_niagarafalls.pdf

11-16 Jun 2017

Biannual 8.01.02 Working Party Conference: The Green-Blue Nexus: Forests, Landscapes and Services

Antalya, Turkey

IUFRO [8.01.02](#)

Contact: Sandra Luque, sandra.luque(at)irstea.fr
<http://www.iufrole2017.com/>

12-16 Jun 2017

All-Division 5 Conference - Forest Sector Innovations for a Greener Future

Vancouver, Canada

IUFRO [5.00.00](#)

Contact: Pekka Saranpää, pekka.saranpaa(at)luke.fi
<http://www.iufrodiv5-2017.ca/>

11-13 Jul 2017

Forest Regeneration in Challenging Environments

Corvallis, OR, United States

IUFRO [1.01.04](#)

Contact: Robert G. Wagner, robert.wagner(at)maine.edu
<http://www.iufro.org/science/divisions/division-1/10000/10100/10104/activities/>

24-28 Jul 2017

IUFRO Acacia Conference 2017

Yogyakarta, Indonesia

IUFRO [2.08.07](#), [1.02.06](#)

Contact: Wickneswari Ratnam, wicki(at)ukm.edu.my
<http://www.iufro.org/science/divisions/division-2/20000/20800/20807/activities/>

21-25 Aug 2017

INTECOL 2017 - Ecology and Civilization in a Changing World

Beijing, China

IUFRO [8.00.00](#)

Contact: Sandra Luque, sandra.luque(at)irstea.fr
<http://www.intecol2017.org/dct/page/70010>

Deadline for submission of symposium proposals: 1 August 2016!

Fill in the SYMPOSIUM APPLICATION FORM and email it to: [intecol2017\(at\)rcees.ac.cn](mailto:intecol2017(at)rcees.ac.cn) & [liding\(at\)rcees.ac.cn](mailto:liding(at)rcees.ac.cn)
<http://www.intecol2017.org/dct/page/70006>

19-22 September 2017

125 Years of IUFRO Anniversary Congress

Freiburg, Germany

<http://iufro2017.com/>



The following IUFRO Divisions will hold their all-Division meetings in Freiburg:

D3 - Forest Operations Engineering and Management

D4 - Forest Assessment, Modelling and Management

D6 - Social Aspects of Forests and Forestry

D7 - Forest Health

D9 - Forest Policy and Economics

IUFRO2017 on Twitter and Facebook:

Twitter: [#iufro2017](https://twitter.com/iufro_2017)

Facebook: <https://www.facebook.com/iufro2017/>

Posters and promotional material for the IUFRO 2017 Anniversary Congress can be downloaded here:

<http://www.iufro.org/events/anniversary-congress/>

Feel free to print the poster and display it in your institutions, and at any regional or international meetings you attend in the lead-up to the Congress!

Other Meetings

For more non-IUFRO meetings and courses, please check the IUFRO Noticeboard:

<http://www.iufro.org/discover/noticeboard/other-meetingevents/>

<http://www.iufro.org/discover/noticeboard/university-courses-summer-schools-and-webinars/>

20 Jul 2016

Marginal and Peripheral Forests - A key genetic resource for enhancing the resilience of European forests to global change

Rome, Italy

Organizers: COST Action FP1202 "Strengthening conservation: a key issue for adaptation of marginal/peripheral populations of forest tree to climate change in Europe (MaP-FGR)

http://www.iufro.org/download/file/25101/5547/nb-cost-fp1202-rome16-announcement_pdf/

2-5 Dec 2016

FLARE (Forests and Livelihoods: Assessment, Research, and Engagement) Annual Meeting 2016

Edinburgh, U.K.

Submit your abstract before 10 July!

<http://www.forestlivelihoods.org/flare-meeting-2016>

3-7 Apr 2017

19th Commonwealth Forestry Conference: Forests for Prosperity and Posterity

Dehradun, India

Organizers: ICFRE, FRI, with support from MOEF & CC, Government of India and Commonwealth Forestry Association

<http://www.cfc2017.in/>