Union Internationale des Instituts de Recherches Forestières Unión Internacional de Organizaciones de Investigación Forestal Internationaler Verband Forstlicher Forschungsanstalten

# EWS

### **IUFRO 125th Anniversary Congress**

Looking back on exciting days of high-level scientific exchange, cross-sectoral dialogue, unique networking, splendid celebrations and inspiring talks about the future challenges of forest research worldwide

More than 2000 participants - 40% of whom were women - from 89 countries and all continents except Antarctica, came together on 18-22 September 2017 in the German city of Freiburg im Breisgau to **celebrate the 125**th **Anniversary** of the International Union of Forest Research Organizations.

In fact, many of them already gathered before the event to take part in **summer schools** and **training courses**, the latter especially targeted at early-career scientists from economically disadvantaged regions of the world. Many stayed on to take part in further summer schools and go on **excursions** to get to know forests and sights in the greater Freiburg region, including the famous Black Forest, as well as in neighboring areas in Switzerland and France.

Also prior to the Congress the IUFRO Management Committee met and attended a commemorative event at the very **birthplace of IUFRO in Eberswalde**, near Berlin, which was splendidly organized by the team of Andreas Bolte at the Thünen Institute. The event was honored by the presence of former President Walter Liese (1977-1981), who presented the current IUFRO President Mike Wingfield with the foundation protocol of IUFRO to be kept in Eberswalde (see photo). Furthermore, the **IUFRO Board** convened a day before the Congress in Freiburg to discuss current and future strategic issues.

A series of receptions and celebrations led up to the official opening of the Congress on 19 September. Participants were welcomed to enjoy a relaxed Welcome Reception on Sunday night and, upon invitation only, an Informal Stakeholder Consultation on Monday night. Also on Monday a linden tree was planted during an enjoyable ceremony on the premises of Freiburg University's Herderbau building by the Lord Mayor of Freiburg, the IUFRO President and the Deputy Director of the Baden-Württemberg Forest and Research Centre (FVA). In the European context, the linden has a great social significance with its heart-shaped leaves that symbolize love, youth and the future.

Following the tree planting ceremony the **History Exhibition** "Interconnecting Forests, Science and People - IUFRO's activities of the past 125 years" was opened in the inner courtyard of the Herderbau. The exhibition was the creative and inspiring result of a unique cooperation between forest scientists from Freiburg University and art students from the University for Art, Design and Popular Music in Freiburg. A **big thank you** goes once again to all the organizers and students for an extraordinary show!



Interconnecting Forests, Science and People

125<sup>th</sup> Anniversary Congress 2017



IUFRO-SPDC Pre-Congress Training Course at Freiburg University





Eberswalde (by HNNE/M Natkhin); Mike Wingfield and Walter Liese



Tree planting (above), History Exhibition (both by FVA/K Polkowski)



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During the **Opening Ceremony** at the Konzerthaus Freiburg, Professor Mike Wingfield, IUFRO President, and Professor Konstantin von Teuffel, Chair of the Congress Organizing Committee (COC) and Director of FVA, had the pleasure to welcome all participants, including a series of high-level representatives from governments, national and international stakeholder groups, civil society organizations and business.

One of the highlights of the Opening Ceremony was the launch of the new IUFRO slogan, formerly the motto of the Anniversary Congress and present IUFRO Strategy, "Interconnecting Forests, Science and People" illustrated by an original video explaining IUFRO.

The **scientific program**, which was put together in an exemplary manner by the Congress Scientific Committee (CSC) under the leadership of Dr Andrew Liebhold (US Forest Service), unfolded smoothly offering a total of 1,427 oral and 452 poster presentations spread over a total of **183 sessions**. This array of sessions provided participants with a unique platform of exchange and knowledge sharing with peers from all over the world.

The program aligned with the **five research themes** of the IUFRO Strategy and the focus areas of the five IUFRO Divisions that held their **all-Division meetings** during the Congress. The scientific highlights of the Congress were the presentations of the **five prominent keynote speakers** who expounded the contributions of forest science to sustainable development from different angles focusing particularly on issues of climate change, forest restoration, forest conservation and biodiversity.

A series of extraordinary sessions organized in addition to the purely scientific program aimed at establishing a dialogue between science and policymakers, stakeholders, business and research management. Leading representatives from all these groups took part in panel discussions introduced by impulse talks delivered by renowned speakers including former Swedish Prime Minister Göran Persson, Cambridge University Professor Bhaskar Vira, and CIFOR Director General Peter Holmgren.

In addition, sub-plenary sessions such as "Our Future Forests" organized by the International Forestry Students' Association (IFSA), "Communicating with Einstein" organized by the UNECE-FAO Forest Communicators' network together with IUFRO, and "Forest and Tree Research for Sustainable Development" organized by IUFRO and CGIAR Research Program on Forests, Trees and Agroforestry (FTA) placed the focus on the challenges and opportunities for young forest scientists as future leaders, the importance of good and fact-based communication, and the need to integrate scientific contributions into the international development agenda.

A wide spectrum of social activities and ceremonies including the superb **President's Dinner**, the **Anniversary Gala** with traditional Black Forest folk music and entertainment, and the **Closing Ceremony** that included the bestowal of prestigious awards, the presentation of key messages of the Congress, and an invitation extended to all to take part in the **XXV IUFRO World Congress in October 2019 in Curitiba, Brazil**, rounded off this memorable 125th Anniversary Congress.

The following **awards were presented** during the Closing Ceremony by *Mike Wingfield, IUFRO President* (right, on the photos), and *John Innes, Chair of the IUFRO Honours and Awards Committee* (left, on the photos):

Special Recognition Award to Jan Heino, Finland (top left), Distinguished Service Awards to Konstantin von Teuffel, Germany (top right), Margarida Tomé, Portugal (left), and Hans Heinimann, Switzerland (right) (photos by Morne Booij-Liewes/FABI)





SRA/Jan Heino (center) DSA Konstantin von Teuffel (center) DSA/Margarida Tomé (center) DSA Hans Heinimann (center)





Professor von Teuffel's team, together with the members of the COC (including, among others, NFZ.forestnet members from Nancy/France, Freiburg/Germany, and Zurich/Switzerland), the Albert Ludwigs University of Freiburg (especially the Faculty of Environment and Natural Resources), key partners from Germany, Austria, Switzerland and France, private sponsors, the professional congress organizers Intercongress and the many helpers who made this Congress possible, deserve sincerest thanks!

# Visit the IUFRO 125th Anniversary Congress summary webpage at:

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

#### There you will find videos and blog articles:

- Interviews with *scientific keynote speakers*
- Interviews with *IUFRO Division Coordinators*
- Interviews with Congress organizers and participants
- The IUFRO video <a href="https://youtu.be/mBYEyzuJmsQ">https://youtu.be/mBYEyzuJmsQ</a>
- Introduction to the session on "Communicating with Einstein": https://youtu.be/aDAz7okK3dA
- Videos from the *live-streamed sessions*: http://iufro2017.com/livestream/
- Media coverage
- Congress testimonials, ...

For books about IUFRO and its history, please visit: <a href="http://www.iufro.org/publications/general-publications/">http://www.iufro.org/publications/general-publications/</a>

#### **Find Congress photos here:**

http://iufro2017.com/impressions/
If you want to use photos please credit: FVA/Klaus Polkowski

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# Five all-Division Meetings at the IUFRO Anniversary Congress - Résumés

#### **Forest Operations Engineering and Management**

Read an interview with Division 3 Coordinator Woodam Chung, Oregon State University, USA:

"This Congress provided us with a glimpse of the future - new technologies, new innovations that are on the horizon." http://blog.iufro.org/2017/10/16/on-forest-operations-engineering-and-management/

#### On Forest Assessment, Modelling and Management

Read an interview with Division 4 Coordinator Jean-Luc Peyron of the Public Interest Group (GIP) on Forest Ecosystems (ECOFOR), France:

"Technological developments give great opportunities to forest assessment, information systems, and the constitution and use of big data sets." http://blog.iufro.org/2017/10/12/on-forest-assessment-modelling-and-management/

#### On Social Aspects of Forests and Forestry

Read an interview with Division 6 Coordinator Tuija Sievänen of the Natural Resources Institute Finland:

"Research on the social aspects of forestry and forests can offer valuable input for the understanding of the forest-human relationship." <a href="http://blog.iufro.org/2017/10/06/on-social-aspects-of-forests-and-forestry/">http://blog.iufro.org/2017/10/06/on-social-aspects-of-forests-and-forestry/</a>

#### **On Forest Health**

Read an Interview with Division 7 Coordinator Eckehard Brockerhoff of Scion, New Zealand:

"Climate change impacts and interactions with susceptibility to pathogens and tree-feeding insects should be addressed more strongly in the future."

http://blog.iufro.org/2017/10/17/on-forest-health/

#### **On Forest Policy and Economics**

Read an Interview with Division 9 Coordinator Daniela Kleinschmit, University of Freiburg, Germany

"Our main focus will continue to be the steering of forest management – through historical lenses, traditional know-ledge, public policy, law and legislation, participation and markets." <a href="http://blog.iufro.org/2017/10/02/on-forest-policy-and-economics/">http://blog.iufro.org/2017/10/02/on-forest-policy-and-economics/</a>









# IUFRO Talk: Video Interviews with Congress Organizers and Participants

The following eight Congress participants are sharing their thoughts on the role and relevance of forest research and IUFRO and on developments in their own fields of work:

Mike Wingfield, IUFRO President, FABI, South Africa <a href="https://www.youtube.com/watch?v=QdCSKBY\_OC0">https://www.youtube.com/watch?v=QdCSKBY\_OC0</a>

Andrew Liebhold, Chair of the Anniversary Congress Scientific Committee, US Forest Service <a href="https://www.youtube.com/watch?v=H4xquZ1Uljk">https://www.youtube.com/watch?v=H4xquZ1Uljk</a>

Alexander Buck, IUFRO Executive Director, Austria <a href="https://www.youtube.com/watch?v=9UECHHBMxXA">https://www.youtube.com/watch?v=9UECHHBMxXA</a>

Paolo Cerutti, Forest Scientist with CIFOR, based in Kenya, https://www.youtube.com/watch?v=fhsR-arXaOI



Screenshot (Daniela Kleinschmit, Freiburg University, interviewing Paolo Cerutti)

Andreas Rigling, Forest Scientist with WSL, Switzerland <a href="https://www.youtube.com/watch?v="https://www.youtube.com/watch?v=">https://www.youtube.com/watch?v="

Salina Abraham, Forestry Student with IFSA, Netherlands <a href="https://www.youtube.com/watch?v=u6hORC\_yTSA">https://www.youtube.com/watch?v=u6hORC\_yTSA</a>

Jean-Luc-Peyron, IUFRO Division 4 Coordinator, GIP/ECO-FOR, France

https://www.youtube.com/watch?v=q- yFxiPpu0

Christoph Hartebrodt, Forest Scientist with FVA, Germany <a href="https://www.youtube.com/watch?v=rFJ12Yf1ZAs">https://www.youtube.com/watch?v=rFJ12Yf1ZAs</a>



Photos from the Congress by FVA/Klaus Polkowski Vol. 46, Double Issue 9/10, 2017, page 3



# Forest Insects and Pathogens in a Changing Environment: Ecology, Monitoring & Genetics

Report by Dimitrios Avtzis (Forest Research Institute, Thessaloniki), Martin Schroeder and Miloš Knížek (Coordinators of co-sponsoring IUFRO Working Parties 7.03.01 and 7.03.10), from the IUFRO meeting held in Thessaloniki, Greece on 11-15 September 2017 (meeting website: <a href="https://www.iufrogreece2017.com">www.iufrogreece2017.com</a>)

Greece being at the southernmost corner of Europe is renowned for its rich flora and fauna. However, in the last few years the impact of climate change has become more and more visible, with forest pests and pathogens experiencing a tremendous increase in the frequency of population outbreaks and damage caused.

Among them, bark beetles and gypsy moth are some of the most abundant pests. Thus, the central topic of this meeting was of particular importance not only for Greece, but critical for all Mediterranean countries.

In addition, alien species are more frequently detected, with some of them (e.g. *Dryocosmus kuriphilus*) recently becoming established. This underlines the importance of establishing a precise and proper forest surveillance network, something often promoted at IUFRO meetings. To that end, an update on monitorial methodologies and discommendations are discommendations and discommendations and discommendations and discommendations are discommendations and discommendations and discommendations are discommendations and discommendations and discommendations are discommendations are discommendations are discommendations are discommendations are discommendat

toring methodologies and diagnostics was a particularly useful and important part of this meeting.

The meeting attracted 87 participants (more than 20% of the attendants were registered as students, showing a strong tendency of young scientists getting involved with IUFRO meetings) from 25 countries. It included 2 keynote talks and 59 oral presentations distributed over 11 sessions on the major and current topics of Forest Entomology and Pathology. In addition, there were 18 poster presentations, but most importantly there was plenty of time for casual conversation and interaction during the coffee breaks as well as the other social events organized, such as the "Ice-breaker dinner" on Sunday (10/9), the full day excursion (13/9) or even the official dinner (14/9).

#### **Key issues:**

- a) Forest pests and climate change
- b) Environmental factors influencing forest pests
- c) Monitoring of forest pests: chemical ecology and control
- d) Expansion and genetics of forest pests and pathogens
- e) Trapping pests for monitoring and control



Meeting participants on the Promenade of Thessaloniki



Dryocosmus kuriphilus (Oriental chestnut gall wasp) By Gyorgy Csoka, Hungary Forest Research Institute, Bugwood.org; <a href="https://commons.wikimedia.org/w/index.php?curid=11545362">https://commons.wikimedia.org/w/index.php?curid=11545362</a>

- f) Phenology, hosts and mutualists of forest pests
- g) International impact of forest pests and pathogens
- h) Getting global: invasive pests and pathogens
- i) Sampling and diagnostic tools for forest pests
- j) Bark beetles: epidemiology and expansion
- k) Biological control and management of forest pests

The main focus of the meeting was on the impact of climate change on the populations and range expansion of forests pests and pathogens, and how this is going to evolve in the near future, given the fact that environmental conditions are constantly changing.

In addition, innovative techniques for trapping, diagnostics and monitoring of forest pests and pathogens were presented and this promoted some useful discussions regarding the effectiveness of these approaches.

Finally, the effect of human activities on the expansion and spread of forest pests and pathogens was highlighted in several of the investigations presented in the course of the meeting, showing vividly the importance of accurate surveys to prevent the introduction of alien species in new areas.

During the opening session, 7.03 "Entomology" Research Group Coordinator Andrew Liebhold presented **Dr. Jean-Claude Grégoire** (Université Libre de Bruxelles, Belgium) with the **George Varley Award for Achievement in Forest Entomology**. The Varley award recognizes scientists making exceptional contributions both to the field of forest entomology and IUFRO.

Download the abstract book from the meeting website: <a href="http://www.iufrogreece2017.com/">http://www.iufrogreece2017.com/</a>

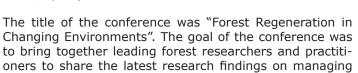
Find the unabridged report at: <a href="https://www.iufro.org/science/divisions/division-7/70000/70300/70305/activities/">https://www.iufro.org/science/divisions/division-7/70000/70300/70305/activities/</a>

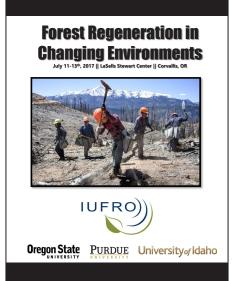


#### **Forest Regeneration in Changing Environments**

Meeting report by IUFRO 1.01.04 Coordinator Robert G. Wagner, United States and Deputy Coordinator Nicholas McCarthy, Ireland

The first international conference of IUFRO Unit 1.01.04 Forest Establishment & Early Growth Dynamics under a new title and broader theme (formerly called Forest Vegetation Management) was held on July 11-13, 2017 in Corvallis, Oregon, USA. The conference was jointly sponsored and organized by Oregon State University's College of Forestry, Purdue University's Department of Forestry and Natural Resources, and the University of Idaho's Department of Forest, Rangeland and Fire Sciences. Nearly 90 registered participants from more than 25 countries made over 70 scientific presentations. This conference was organized as a joint meeting with IUFRO 2.01.15 - Whole Plant Physiology (Coordinator: Douglass Jacobs, United States; Deputies: Barbara J. Hawkins, Canada and Pedro Villar-Salvador, Spain).





forest regeneration and early stand dynamics in changing environments around the globe. Of particular interest were those new discoveries and practices related to changing climate, natural, and anthropogenic disturbances, policies, markets, and technologies that present challenges and opportunities when managing regenerating and young forest stands.

A conference program and abstracts were distributed at the conference. Proceedings containing selected publications from the meeting will also be published as a special issue in the international journal, New Forests.

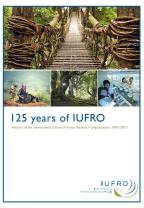
Abstracts: https://www.iufro.org/publications/proceedings/proceedings-meetings-2017/#c26219

Find the unabridged report here:

https://www.iufro.org/science/divisions/division-1/10000/10100/10104/activities/

https://www.iufro.org/science/divisions/division-2/20000/20100/20115/activities/

#### **Publications**



#### 125 Years of IUFRO

Published on the occasion of IUFRO's 125th Anniversary
This publication summarizes the history of IUFRO since its foundation in 1892 and places special emphasis on developments in the past 25 years.

Download:

http://www.iufro.org/publications/general-publications/ Order a hard copy: office(at)iufro.org

# A History of IUFRO Congresses, Forest Research and Russia's Participation

This monograph is a history of the establishment, major developments and IUFRO Congresses, and the participation of Russian forest scientists, researchers, managers and specialists in IUFRO activities.

http://www.iufro.org/publications/general-publications/

#### **IUFRO-Japan News No. 121**

This issue of IUFRO-J News informs readers about IUFRO's activities at UNFF 12, such as Side Events organized by the IUFRO Task Force on Climate Change and Forest Health and the Special Project on World Forests, Society and Environment (IUFRO-WFSE). It also gives an overview of the

latest publications such as the *IUFRO World Series 35 - Illegal Logging and Related Timber Trade — Dimensions, Drivers, Impacts and Responses. A Global Scientific Rapid Response Assessment Report,* published by the Global Forest Expert Panels (GFEP).

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

#### **NFT News 15 - Call for Contributions**

The NFT Working Party has been publishing the NFT News, which provides a platform for members to share their recent research findings and as a source of information on scientific meetings and recent literature published on nitrogen fixing trees and shrubs. So far 12 issues have been published since 1998. Send in contributions for the next issue of the NFT News on or before 31st May 2018.

https://www.iufro.org/science/divisions/division-2/20000/20800/20802/publications/

# The State of Canada's Forests Annual Report 2017

This edition of The State of Canada's Forests celebrates Canada's 150 years as a forest nation. It features articles focused on the impacts of forest disturbances (fire and insects) and the science behind their management, the forest sector's role in the emerging bioeconomy, and Indigenous peoples' participation in the forest sector. It also presents current information on trends and statistics related to sustainable forest management in Canada and provides comprehensive data sources and information. http://www.nrcan.gc.ca/forests/report/16496



#### **Proceedings from IUFRO Meetings**

### Seed Orchards - The Key to Sustainable Bio-Economy

Proceedings from the 2.09.01 conference held on 4-6 September 2017 in Bålsta, Sweden:

https://www.iufro.org/publications/proceedings/proceedings-meetings-2017/#c26220

### **3rd Restoring Forests: Regeneration and Ecosystem Function for the Future**

Proceedings from the conference in Lund, Sweden, on 12-14 September 2017, jointly organized by the IUFRO Task Force – Forest Adaptation and Restoration under Global Change, and IUFRO research units 1.01.00, 1.01.06, 1.06.00, 2.01.15

https://www.iufro.org/publications/proceedings/proceedings-meetings-2017/#c26220

#### **Fifth International Casuarina Workshop**

Proceedings from the 2.08.02 conference on 3-7 February 2014 in Chennai, Republic of India ISBN 978-93-82387-12-1

https://www.iufro.org/publications/proceedings/proceedings-meetings-2014/#c21463

#### **Announcements**

#### **IUFRO-EFI Young Scientists Initiative**

The IUFRO-EFI Young Scientists Initiative (YSI) launched at the IUFRO 125th Anniversary Congress is the latest collaboration between IUFRO and the European Forest Institute (EFI). It will offer grants for short scientific visits starting from 2018.

An opportunity for five young scientists from Africa, Asia and Latin America to conduct collaborative research in Europe as of 2018 is now available. The YSI will entail a short scientific visit to be hosted by a European forest science organisation where the grantee will work on a scientific collaboration with another European scientist.

IUFRO and EFI are offering EUR 5 000 per grantee. There are five positions available now and the application period will close on the 31st of December 2017.

For more information please see:

http://www.iufro.org/science/special/spdc/ysi/

Please contact the Secretary of the Selection Committee, Mr Daniel Boehnke (boehnke(at)iufro.org) if you have any questions.



#### Congratulations!

#### **Chinese Friendship Award to Mike Wingfield**

IUFRO President Mike Wingfield visited Beijing during the weekend of September 28 where he received the Chinese Government Friendship Award for 2017.

The award was presented to him to acknowledge his 20 years of collaboration with Chinese colleagues in the field of tree health. This has, for example, led to the establishment of a formal Tree Health Programme with the China Eucalyptus Research (Chinese Academy of Forestry) and FABI known as the CERC/FABI Tree Protection Programme (CFTPP).

The Chinese Government Friendship Award was presented to Professor Wingfield at a ceremony in the Great Hall of the People by Chinese Vice Premier Ma Kai and this was followed by a gala event hosted by Chinese Premier His Excellency Li Keqiang.



Prof. Mike Wingfield and Chinese Vice Premier Ma Kai. Photo by the Chinese State Administration for Foreign Expert Affairs (SA-FEA)

# 2017 Canadian Forestry Scientific Achievement Award to Prof. Yousry El-Kassaby

IUFRO Division 2 Coordinator Yousry El-Kassaby of the University of British Columbia has been selected by the Canadian Institute of Forestry as the 2017 recipient of the Canadian Forestry Scientific Achievement Award. This award recognizes individuals who have made innovative and outstanding achievements in forestry research in



Canada. <a href="http://www.forestry.ubc.ca/2017/09/congratulations-to-yousry-el-kassaby-for-receiving-the-2017-canadian-forestry-scientific-achievement-award/">http://www.forestry.ubc.ca/2017/09/congratulations-to-yousry-el-kassaby-for-receiving-the-2017-canadian-forestry-scientific-achievement-award/</a>

### Havenga Prize for Natural Sciences to Prof. Jolanda Roux

FABI Associate Professor Jolanda Roux has been awarded the prestigious Havenga Prize for Natural Sciences by the South African Academy for Arts and Science on 29 September. The award recognizes the extensive research work in the field of tree health that Prof. Roux has done over the past 25 years. Prof. Roux was an IUFRO office-holder in Division 7 until recently. Source: <a href="https://www.fabinet.up.ac.za/index.php/news-item?id=595">https://www.fabinet.up.ac.za/index.php/news-item?id=595</a>

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#### New: IUFRO Logo Now with a Slogan

At the IUFRO 125th Anniversary Congress in Freiburg, Germany, the new slogan of IUFRO - Interconnecting Forests, Science and People - was officially launched. It will from now on be an integral part of the IUFRO logo. Write to <office(at)iufro.org> if you want to use the logo.



For the slogan launch, IUFRO presented a short video that explains IUFRO and the slogan:

https://www.youtube.com/watch?v=mBYEyzuJmsQ

#### **Positions**

https://www.iufro.org/discover/noticeboard/position-announcements/

#### Assistant/Associate Professor in Ecosystem-based Management

Screening of applications begins October 30, 2017 and will continue until the position is filled.

The Department of Renewable Resources, in the Faculty of Agricultural, Life & Environmental Sciences, University of Alberta, Edmonton, Canada, invites applications for a tenure-track position as an Assistant/Associate Professor in Ecosystem-based Management.

Details: http://www.careers.ualberta.ca/Competition/ A108233640/

#### Assistant Professor in Ecosystem Ecology

Screening of applications begins November 15, 2017 and will continue until the position is filled.

The Department of Geographical and Sustainability Sciences at the University of Iowa invites applications for a tenure-track appointment at the rank of assistant professor in the area of ecosystem ecology. The ideal candidate will be focused on processes at the watershed scale or larger and be motivated by questions at the intersection of natural and human systems.

Details: https://jobs.uiowa.edu/faculty/view/71538

#### **Assistant Professor of Forest Ecology**

Apply by 26 November 2017

The Department of Forest and Wildlife Ecology, University of Wisconsin, Madison, USA invites applications for a tenure-track, assistant professor position in forest ecology. Specializations might include forest community, disturbance, ecosystem, or landscape ecology. Faculty positions carry a commitment to teaching, research, outreach, and

Details: http://jobs.hr.wisc.edu/cw/en-us/job/496299/ assistant-professor-forest-ecology

#### **Graduate Assistantship (PhD)**

Apply by 30 November 2017

A graduate assistantship for an exceptional doctoral student is available at the Dwivedi Forest Sustainability Lab at the University of Georgia (UGA)'s Warnell School of Forestry and Natural Resources in Athens, USA. The incoming doctoral student will pursue research on optimizing supply chain for carinata (Brassica carinata) production in the southern United States.

Details: http://forestsustainabilitylab.uga.edu/wp-content/uploads/2017/07/PhDAssistantship@DFSLWarnellU-GA-1.pdf

#### **University Courses and Scholarships**

https://www.iufro.org/discover/noticeboard/universitycourses-summer-schools-and-webinars/

https://www.iufro.org/discover/noticeboard/fellowshipsscholarshipsresearch-funding/

#### **Carbon Forestry Course**

Apply by 22 December 2017

The Chair of Silviculture at Freiburg University, Germany, offers - in cooperation with renowned partner organizations active in the land-use sector - a 3-week course in Carbon Forestry. Participants of this module will learn the basics to develop and evaluate greenhouse mitigation projects. Furthermore, this module includes excursions and field trips to organizations engaged in carbon forestry.

Date: 19 February - 9 March 2018

Details: http://www.waldbau.uni-freiburg.de/news events-en/carb forestry en

#### International Scholarships for MSc in **Tropical Forestry**

Apply by 30 October 2017 or 31 May 2018

You are invited to attend the 2018 MSc Course in Tropical Forestry which Technische Universität Dresden, Germany, has DAAD scholarships available. The course is taught in English at Technische Universität Dresden (TUD), one of the 11 German Universities of Excellence.

To apply or for more information write to:

tutor(at)forst.tu-dresden.de

https://tu-dresden.de/bu/umwelt/forst/inter/tropen?set language=en

#### Fellowships/Assistantships at Center for Systems Integration and Sustainability (CSIS)

Michigan State University

With flexible start dates (e.g., summer or fall of 2018), successful candidates can build on previous studies and explore new frontiers. Applicants are encouraged to submit their application materials as soon as possible, or until the positions are filled.

Contact: Professor Jianguo (Jack) Liu, Rachel Carson Chair in Sustainability, liuji(at)msu.edu

http://csis.msu.edu/people/jianguo-liu

#### Third Bark and Ambrosia Beetle Academy

7-11 May 2018, Gainesville, FL, USA

Organized by the Forest Entomology Lab at the University of Florida, USA

Are you a researcher or a student interested in bark and ambrosia beetles? Are you a government insect identifier or a forest manager? Do you need to know more about bark and ambrosia beetle identification, ecology, or damage with emphasis on invasive species? Learn from international experts through hands-on labs, field demonstration, lectures, and socializing. Registration now open!

Details: http://www.ambrosiasymbiosis.org/academy/



### **IUFRO Meetings**

Search our online calendar for a full list of meetings: <a href="http://www.iufro.org/events/calendar/current/">http://www.iufro.org/events/calendar/current/</a>
Find non-IUFRO meetings on the IUFRO Noticeboard: <a href="http://www.iufro.org/discover/noticeboard/">http://www.iufro.org/discover/noticeboard/</a>
Also search for forest-related events in GFIS at: <a href="http://www.gfis.net">http://www.gfis.net</a>

31 Oct- 3 Nov 2017

# **10th International Conference on Traditional Forest Knowledge and Culture in Asia**Seoul, Republic of Korea

IUFRO 9.03.04, 9.03.05 Yeo-Chang Youn, youn(at)snu.ac.kr https://www.iufro.org/science/divisions/division-9/90000/90300/90304/activities/

16-19 Apr 2018

#### 6th International Forest Engineering Conference: Quenching Our Thirst for New Knowledge

Rotorua, New Zealand IUFRO 3.00.00

Contact: Rien Visser, rien.visser(at)canterbury.ac.nz <a href="http://www.foresteng.canterbury.ac.nz/FEC2018.shtml">http://www.foresteng.canterbury.ac.nz/FEC2018.shtml</a>

11-13 Jun 2018

#### **IUFRO 3.08.00 Small-scale Forestry Conference**

Vaasa, Finland IUFRO 3.08.00

Contact: Teppo Hujala, teppo.hujala(at)uef.fi Heimo Karppinen, heimo.karppinen(at)helsinki.fi

http://www.uef.fi/en/web/ssfo2018

9-14 Sep 2018

# The Importance of Engaging Local Communities and Stakeholders to Increase Successful Adoption of New Technologies

Christchurch, New Zealand IUFRO 9.01.03

Contact: Janean Creighton,

Janean.Creighton(at)oregonstate.edu <a href="http://mailchi.mp/7282aea54a70/eke-new-zealand?e=47765f11e6">http://mailchi.mp/7282aea54a70/eke-new-zealand?e=47765f11e6</a>

17-19 Sep 2018

#### **Landscape Management: From Data to Decision**

Prague, Czech Republic IUFRO 4.04.00

Contact: Robert Marusak, marusak(at)fld.czu.cz https://www.iufro.org/science/divisions/division-4/40000/40400/activities/

17-21 Sep 2018

#### **Managing Eucalypt Plantations under Global Changes**

Montpellier, France IUFRO 2.08.03, 1.02.01

Contact: Jean-Paul Laclau, jean-paul.laclau(at)cirad.fr

https://eucalyptus2018.cirad.fr/

18-21 Sep 2018

#### 11th International Beech Symposium

*Viterbo, Italy* IUFRO <u>1.01.07</u>

Contact: Alfredo Di Filippo, difilippo(at)unitus.it <a href="https://www.iufro.org/science/divisions/division-1/10000/10100/10107/activities/">https://www.iufro.org/science/divisions/division-1/10000/10100/101007/activities/</a>

24-27 Sep 2018

#### International Scientific Conference: African Forestrelated Policy and Politics

Yaoundé, Cameroon IUFRO 9.05.00

Contact: Symphorien Ongolo, songolo(at)uni-goettingen.de

http://www.iufro.org/science/divisions/division-9/90000/90500/activities/

25-27 Sep 2018

#### **New Frontiers in Forecasting Forests 2018**

Stellenbosch, South Africa

IUFRO 4.00.00, 4.01.00, 4.03.00, 5.01.04 Contact: David Drew, drew(at)sun.ac.za http://conferences.sun.ac.za/ff2018/NFFF2018

5-9 Nov 2018

# **5th International Conference on Forests and Water** in a Changing Environment

Valdivia, Chile

IUFRO 8.00.00, Task Force on Forests, Soil and Water Interactions

Contact: Adam Xiaohua Wei, adam.wei(at)ubc.ca

http://www.iufro.org/science/divisions/division-8/80000/activities/

12-18 Nov 2018

### Uneven-aged Silviculture: Challenges for Increasing Adaptability

Valdivia, Chile IUFRO 1.05.00

Contact: Pablo Donoso, pdonoso(at)uach.cl http://www.iufro.org/science/divisions/divisi-

on-1/10000/10500/activities/

### **Other Meetings**

14-15 Dec 2017

#### **Bioeconomy Investment Summit**

Helsinki, Finland
European Forest Institute
<a href="http://www.2017bioecosummit.eu/">http://www.2017bioecosummit.eu/</a>

19-20 Dec 2017

#### **Global Landscapes Forum**

Bonn, Germany #ThinkLandscape http://www.landscapes.org/glf-bonn/

6-8 Jun 2018

#### **International Forest Business Conference 2018**

Kistowo, Poland

Organizer: Forest Business Analytics (FBA)

http://fba-events.com/

28 Nov - 1 Dec 2018

#### **World Forum on Urban Forests**

Mantova, Italy

FAO, City of Mantova, Italian Society of Silviculture and Forest Ecology (SISEF), Politecnico di Milano <a href="https://www.iufro.org/download/file/27556/5547/nb-world-forum-urban-forests-announcement\_pdf/">https://www.iufro.org/download/file/27556/5547/nb-world-forum-urban-forests-announcement\_pdf/</a>