

Forest Products – From Tradition to Innovation

Report from the World Wood Day (WWD) Symposium and 2nd IUFRO Forest Products Culture Research Group Colloquium in Stübing, Austria, 21-23 March 2019, IUFRO RG 5.15.00
<https://www.iufro.org/science/divisions/division-5/50000/51500/>

“Wood is good”, this was the main message of the 2019 World Wood Day celebrations that took place on 20-24 March 2019 in the Austrian open-air museum of Stübing near Graz. The 7th World Wood Day event attracted more than 500 artists, educators, scientists, students, hobbyists, and industries from all over the world to share their experiences, skills and passions for wood, and certainly was a crowd puller. The event was jointly organized by the World Wood Day Foundation (WWDF) and the International Wood Culture Society (IWCS) to explore the theme “Change”.

Find more information, photos and videos here:

<http://www.worldwoodday.org/2019/news/69/>;

<http://www.worldwoodday.at/>; and on Facebook

<https://www.facebook.com/worldwoodday/?ref=hl>

One of the cornerstones of the event was the scientific symposium held together with the 2nd IUFRO Forest Products Culture Research Group Colloquium. In the course of the more than 60 presentations (51 oral and 12 poster presentations) the simple statement of “wood is good” was put to the test by addressing questions such as “How do we know if our wood comes from good sources?”, “Which wood is good for which purpose and how can we make it better?”, and “Is our education system good enough to ensure forest sustainability and sustainable wood utilization?”

Renowned keynote speakers set the scene for each of the six thematic sessions:

- *Gerald Koch* of Thuenen Institute, Hamburg
- *Paolo Cerrutti* of CIFOR, Nairobi, and IUFRO-GFEP author, focused on methods of wood identification to combat illegal logging.
- *Gerhard Schickhofer* of the Technical University of Graz delivered a status report from the CLT (cross-laminated timber) hot spot in Europe/Austria.
- *Iris Bermaud* of CNRS, Montpellier, introduced the topic of wood-based musical instruments, art and design.
- *Sandra Rodriguez Pineros* of Universidad Autónoma de Chihuahua and IUFRO Task Force Coordinator talked about forest education and the need to create adequate learning environments for a greener future.
- *Anthony Cunningham* of the University of KwaZulu Natal highlighted the importance of non-timber forest products.
- *Alfred Teischinger* of the University of Natural Resources and Life Sciences, Vienna, delivered the academy lecture in a Special Session of the International Association of Wood Anatomists (IAWA) and the International Academy of Wood Science (IAWS).



Woodcarving Show. Photo by IUFRO

According to the overall motto “CHANGE”, the well-attended symposium (about 80 registered participants from almost 30 countries) looked into changes of techniques and technologies of wood use from tradition to innovation. Thus, archeological discoveries of wooden musical instruments were presented along with innovative macroscopic and microscopic methods of wood identification and the use of “smart wood for smart buildings”.

In fact, many presentations revolved around wooden architecture and buildings in the past, the present and the future. For these talks, the venue of the open-air museum with its variety of historic wooden houses from rural Austria was extremely fitting. Therefore, one of the special features of the entire World Wood Day event was certainly the reconstruction of a historical watermill called “Stockmühle” - the oldest type of a watermill in Austria to grind grain - on the premises of the museum. This exciting WWD Grant project was presented at the symposium by **Michael Grabner** of the University of Natural Resources and Life Sciences, Vienna, one of the main WWD 2019 organizers and Deputy Coordinator of the IUFRO Forest Products Culture Research Group.

In modern times, new engineered wood material, innovative construction practices and growing consumer concern regarding green alternatives have generated new opportunities for wood-based buildings and triggered a kind of renaissance of mass timber construction. A major contribution to this development, especially to the expansion of multi-storey wood buildings in the world, has been made by the Austrian researcher Gerhard Schickhofer of the Institute of Timber Engineering and Wood Technology at Graz University of Technology. It was certainly the highlight of the entire WWD symposium when participants witnessed the announcement of his selection as the **2019 Marcus Wallenberg Prize winner**. The



Prof. Gerhard Schickhofer, TU Graz, Austria, is awarded the 2019 Marcus Wallenberg Prize. Photo: Helmut Lunghammer

announcement came as a wonderful surprise to Professor Schickhofer, who will receive the prize for his significant scientific and engineering contributions required to standardize the development of cross-laminated timber (CLT) and enable its adoption as a building material. The Marcus Wallenberg Prize is considered the Nobel Prize for scientific achievement in the fields of forestry and forest industries.

Press release:

<https://www.mwp.org/green-technology-behind-high-rise-wood-based-buildings/>

18th International Symposium on Legal Aspects of European Forest Sustainable Development and Wildlife: Skills and Vocational Training

Report by Rastislav Sulek, Coordinator, IUFRO 9.06.00 Forest Law and Environmental Legislation
Chisinau, Republic of Moldova, September 11-15, 2018
<http://www.iufro.org/science/divisions/division-9/90000/90600/>

IUFRO Research Group 9.06.00 (formerly 6.13.00) has been operating world-wide over decades now to collect, evaluate and document, disseminate and also critically analyze developments in forest law and environmental legislation. In doing so, it has always placed special emphasis on Central and Eastern European countries, particularly, but not exclusively, such with economies in transition. It has always been the Unit's general and foremost objective to foster exchange of information amongst researchers and practitioners active in the domain of forest law and environmental legislation, and to permanently review the state of the subject, thereby setting priorities concerning research and practice.

A number of publications have been produced and prove how this unit meets its high standards (<http://www.iufro.org/science/divisions/division-9/90000/90600/publications/>).

IUFRO Division 5 Forest Products has always participated actively in celebrating WWD thanks mainly to **Howard Rosen**, Vice President of IWCS and Coordinator of IUFRO Research Group 5.15.00 – Forest Products Culture, and many other officeholders, also from other Divisions. With IUFRO Headquarters being located in Austria, the WWD celebration in Stübing offered a unique opportunity for IUFRO to get involved more strongly in the 2019 event. Among other things, IUFRO together with IWCS launched a competition for the design of the *IUFRO Distinguished Service Award trophy*. We are happy to announce that the first prize of this competition went to *Allan Schwartz* from Mozambique, who, corresponding to the WWD motto



Wood artist Allan Schwartz (left), Mezimbite Forest Centre, won the IUFRO-IWCS design competition. Photo IUFRO

of "Change" presented an inspiring design proposal that combines tradition and innovation and reflects the spirit of IUFRO of interconnecting forests, science and people.

World Wood Day is a cultural event aimed to raise awareness on the importance and value of wood and its responsible uses. It is celebrated in the week of 21 March, the International Day of Forests. The 8th World Wood Day celebration will take place from 16-22 March 2020 in Tokyo, Japan, under the motto of "Legacy": http://www.worldwoodday.org/2020dev/regions_programs/Japan

Thanks to the many lawyers in the Research Group, it has also been highly successful in accomplishing the scientific transfer between traditional forestry communities and legal circles. The Group's work distinctively contributed to resolve long-standing deadlocks by connecting policy and law in research and in real life as well as in policy and law design and foremost in policy and law implementation.

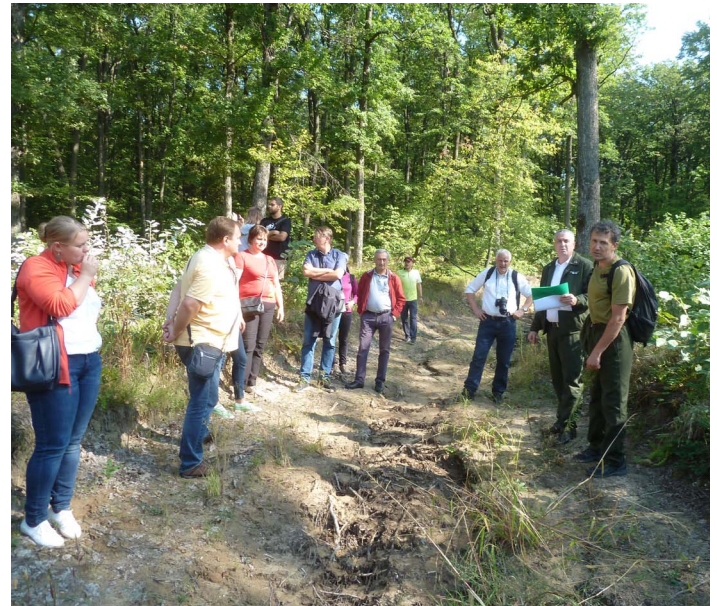
The *18th International Symposium on Legal Aspects of European Forest Sustainable Development and Wildlife: Skills and Vocational Training* was held in Chisinau, Republic of Moldova, on September 11-15, 2018. For the first time, the symposium was organized by the representatives of the Research Group 9.06.00 Forest Law and Environmental Legislation in co-operation with the representatives of the Working Party 8.02.05 Wildlife conservation and management and the Research Group 5.12.00 Sus-

tainable utilization of forest products. Moreover, the Joint IUFRO-IFSA Task Force on Forest Education took an active part in the preparation of two workshops fully integrated into the symposium program. Thus, this meeting was an excellent example of the integral cooperation of four IUFRO entities.

In addition to local participants, 20 researchers and practitioners from 13 countries (Austria, Belarus, Canada, Czechia, Germany, Japan, Kosovo, Latvia, Poland, Romania, Slovakia, Turkey, and Ukraine) attended this meeting and used that unique opportunity to get acquainted, involved and familiar with the new legal situation mainly in European forests.

At the meeting special attention was given to the issues of legal regulations of freedom to roam and border conflicts in forests. The cross-cutting discussions on legal frameworks for forest management, game and wildlife management and management of protected areas were also of great importance. In addition, two workshops, one on problem-based learning in the case of human and wildlife conflicts, and the other on the modules and cases of the sustainable forest management toolbox, were offered mainly for local participants, including students of the local high schools.

At the business meeting of RG 9.06.00, which was also held during the symposium, the participation at the XXV IUFRO World Congress in Curitiba, Brazil was discussed. The symposium was kindly hosted by Vitalie Gulca from



*Discussions on forest law implications in the field.
Photo by Peter Herbst*

the Department of Silviculture and Public Gardens, Faculty of Horticulture State Agricultural University of Moldova and supported by Rastislav Sulek and Peter Herbst of IUFRO RG 9.06.00, with the help of Maciej Skorupski from IUFRO WP 8.02.05. Khalil Walji from the Joint Task Force IFSA IUFRO served as workshop leader.

Talented Educators and Promising Practices in Forest Education Awarded!

Forest education plays an important role in the future of the world's forests. Each country has tailor made practices to meet the society's needs and expectations. It is in this vein, that four renowned international organizations, IUFRO, IFSA and the University of Helsinki with HY+, in collaboration FAO, with vast experience in the global forest sector issues launched a global competition that ran from November 2018 to January 2019. The overall goal was to raise awareness on forest education in the context of sustainable forest management. Specifically, the competition sought to share valuable information among educators, foresters, students and the general public on the best forest practices carried out globally for improved learning and encouraging collaborations, which is a central tenet of IUFRO's structure.

The competition brought together teams from 23 countries and a total of 71 proposals containing photos, videos and short descriptions. The categories eligible for the competition included primary, secondary and tertiary education. Predefined criteria including pedagogical quality, novelty of the practice and practical effectiveness were used to determine finalists. There was a lot of creativity as some groups went out of their way and submitted exceptional proposals showcasing international collaborations amongst institutions and individuals. Teams from nine countries and four continents made it to the top ten list.



*Practical sessions in the forests: learning through seeing.
FOREST 101 program from the Republic of Korea*

The two winners of the global competition were announced on March 21st, the United Nations International Day of Forests. The theme of the day this year was forests and education, which is a key research area for the Joint IUFRO-IFSA Task Force on Forest Education.

In the elementary and secondary education category nominees, FOREST 101 program from the Republic of Korea carried the day. This program targets teenagers and

aims at introducing them to nature while at the same time improving their wellbeing and offering practical/innovative solutions to challenges in the forest sector. The program has made great strides and is now a regular element in school curriculum. The prize awarded to this outstanding submission is: IUFRO 2019 World Congress Prize Package including a fully sponsored trip and participation in the XXV IUFRO World Congress in Curitiba, Brazil - from 29th September to 5th October, <http://iufro2019.com/>

The winner in the tertiary education category nominees was the Asia Pacific Forest Education Coordination Mechanism (AP-FECM). This is an innovative networking programme that brings together several higher education institutions over an extensive geographical area. The unique program has been leading online education with MOOC courses. It plays a vital role in the development of higher forest education curricula by giving learners an opportunity to create learning materials, foster collaborative learning and share professional experience.



This submission was selected as the winner of a trip to Finland to explore the innovative forest-based bioeconomy and the high-level expertise in forest governance, industries and education.

Congratulations to the winners and also to all finalists for doing an outstanding job!

For more information on the finalists visit: <https://www.iufro.org/science/task-forces/forest-education/outstanding-practices-forest-education/>

More about the Joint IUFRO-IFSA Task Force on Forest Education: <https://www.iufro.org/science/task-forces/forest-education/>

Photo: Filming 360 degrees of the members of the AP-FECM

100th Anniversary of University Forestry Education in Prague

On March 15, 2019, representatives of foreign and Czech forestry and wood science institutions, Czech universities and faculties, met at the Czech University of Life Sciences (CULS) to jointly celebrate the initiation of university forestry education in Prague, which laid the foundations for the establishment of the Faculty of Forestry and Wood Sciences as it is known at present. It was on this occasion that the Conference "The Future of Forestry and Wood Sciences in the Changing World", took place (14-16 May 2019). At the conference, IUFRO Board member Sandy Liebhold (US Forest Service), who was invited as a keynote speaker, presented an IUFRO Anniversary Certificate to Professor Marek Turčáni, Dean, Faculty of Forestry and Wood Sciences, CULS (see photo).

<https://www.fld.czu.cz/en/r-11220-news-homepage/we-are-celebrating-100-years.html>



Communicating about Forest Research



Talking to the public is becoming more and more important for forest scientists:

Listen to this podcast in Spanish with **Sandra Rodriguez**, Universidad Autónoma de Chihuahua, Mexico, and Coordinator of Joint IUFRO-IFSA Task Force on Forest Education:

<https://www.youtube.com/watch?v=gAHSc6MMZBA&feature=youtu.be> (26 Mar 2019)

Read this interview in English with **Plinio Sist**, Director of the Forests and Societies research unit at CIRAD, France, and Coordinator of IUFRO Research Group 1.02.00 – Tropical and subtropical silviculture, about the need for action to restore tropical forest ecosystems at the territorial level: <https://bit.ly/2XOv8Fd> (21 Mar 2019)

Watch this interview in German with **Henrik Hartmann**, Max Planck Society, Jena, Germany, and Coordinator of the new IUFRO Task Force on Monitoring Global Tree Mortality Patterns and Trends <https://www.br.de/fernsehen/ard-alpha/sendungen/campus/talks/klimawandel-wald-baum-100.html> (12 Feb 2019)

Wangari Maathai “Forest Champions” Award – Announcement

The Collaborative Partnership on Forests (CPF) is awarding one extraordinary individual for improving our forests and the lives of people who depend on them!

The CPF launched the first Wangari Maathai Award in 2012 to honor and commemorate the impact of this extraordinary woman who championed forest issues around the world. In 2019, the CPF will award another individual for her/his outstanding achievements for forests.

The awardee will receive a cash prize of USD 20,000 along with international recognition of the outstanding contribu-



Professor Wangari Maathai. Photo Green Belt Movement

tions to preserve, restore and sustainably manage forests and to raise awareness of the key role forests play in supporting local communities, rural livelihoods, women, youth and the environment.

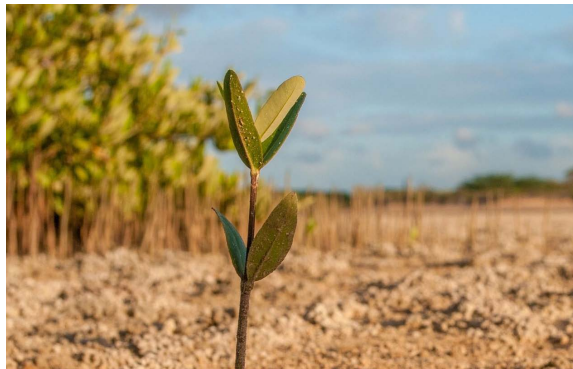
The closing date for receipt of nominations is 10 May 2019. Applicants should be nominated by a third party.

This year’s Wangari Maathai Award will be presented on 30 September 2019, at the XXV IUFRO World Congress to be held at Expo Unimed on 29 September - 5 October 2019 in Curitiba, Brazil.

Details: <https://www.iufro.org/news/article/2019/04/11/wangari-maathai-forest-champions-award-announcement-of-2019-awards/>

Future of Forests Impact Roadmap

On 21 March 2019, XPRIZE released the Future of Forests Impact Roadmap, created in partnership with Kimberly-Clark Corporation. The digital report and its interactive website, based on future foresight techniques, illustrate the breakthroughs required for a healthier forest ecosystem, which might be the basis of future XPRIZE competitions.



“Innovative, sustainable management of the world’s forest resources has unparalleled economic, environmental and social benefits,” said Alexander Buck, Executive Director of IUFRO. “It was an honor being a part of the Future of Forests Impact Roadmap”, he added. *Press release:*

<https://www.businesswire.com/news/home/20190321005409/en/XPRIZE-Identifies-10-Future-Breakthroughs-Required-Protect>

Obituaries

David Lamb, formerly Associate Professor of the University of Queensland, Australia, passed away on 13 March 2019.

David was a leading researcher and thinker in tropical forestry, ecology, and forest restoration. He undertook research across Asia and the Pacific and published over 100 papers and book chapters and four books, including ‘Exploiting the Tropical Rainforest: An account of pulpwood logging in Papua New Guinea’ (Parthenon Publishing, 1990), ‘Large-Scale Forest Restoration’ (Earthscan, Routledge, 2014) and ‘Regreening the Bare Hills: Tropical Forest Restoration in the Asia-Pacific Region’ (Springer Verlag, 2010). David worked with the PNG Forestry Department and taught for many years at the University of Queensland on forest ecology and ecological restoration.

David was an active contributor to IUFRO, serving in leadership roles in Units 1.17.00 Restoration of Degraded Sites and 1.17.03 Tropical Forest Restoration from 1994-2005. He was part of the IUFRO expert group that de-



Photo by Steve Elliott

veloped the 2002 ‘ITTO Guidelines for the restoration, management and rehabilitation of degraded and secondary tropical forests’.

After retirement he worked as a consultant with the World Bank, AusAID, GIZ, FAO and APFNet. David is deeply missed by colleagues and friends for his insight, good humor and good company. His legacy of publications will continue to inspire young foresters for many generations to come.

Rod Keenan, University of Melbourne, Australia

John M. Skelly passed away on March 22, 2019. Dr. Skelly was world renowned for his work in Air Quality Research and cared deeply and served all the communities he lived in. He continued his career having projects with the Virginia Living Museum with NASA and the Goddard Space and Flight Center in Glendale, MD, U.S.A. In IUFRO he served as Coordinator of IUFRO Unit 7.04.01 from 1996-2000 and as Deputy Coordinator of IUFRO Unit 7.04.00 from 2001-2005.

Publications

Proceedings



11th International Beech Symposium

Viterbo, Italy, September 18 - 21 2018

IUFRO 1.01.07 Ecology and silviculture of beech

Book of Abstracts: Alfredo Di Filippo, Palle Madsen, Tetsuya Matsui, Neil Pederson, Gianluca Piovesan, Khosro Sagheb-Talebi (eds.)

<https://www.iufro.org/publications/proceedings/proceedings-meetings-2018/#c27427>

Download link: <https://www.iufro.org/fileadmin/material/publications/proceedings-archive/10107-viterbo18-abstracts.pdf>

www.iufro.org/fileadmin/material/publications/proceedings-archive/10107-viterbo18-abstracts.pdf

5th 2.09.02 Working Party Conference - Clonal Trees in the Bioeconomy Age: Opportunities and Challenges

Coimbra, Portugal, 10-15 September 2018

IUFRO 2.09.02 Somatic embryogenesis and other vegetative propagation technologies

Book of Abstracts and Proceedings: Jorge M. Canhoto, Sandra I. Correia (eds.)

<https://www.iufro.org/fileadmin/material/publications/proceedings-archive/20902-coimbra18-abstracts.pdf>

<https://www.iufro.org/fileadmin/material/publications/proceedings-archive/20902-coimbra18.pdf>

IUFRO-Japan News No. 124

In IUFRO-Japan News No. 124 read about a Memorandum of Understanding concluded between IUFRO and the Forestry and Forest Products Research Institute (FFPRI), the GFEP global assessment report on Forest and Water on a Changing Planet: Vulnerability, Adaptation and Governance Opportunities. Find out also about several large international conferences in which IUFRO was involved and as well as several scientific conferences to which IUFRO Research Groups and Working Parties contributed. Download: <https://www.iufro.org/uploads/media/iufro-japan-news-124.pdf>

Morphology and Identification of the World's Conifer Genera

New publication on conifers available in German and English

German title: Differentialdiagnostik in Koniferen – ein illustrierter Gattungsschlüssel

Authors: Veit Martin Dörken, Universität Konstanz, Hubertus Nimsch, Waldarboretum Freiburg-Günterstal, Germany

Details: 2019 | 186 pages | ISBN: 978-3-945941-53-9

Find out more: <https://www.iufro.org/discover/noticeboard/non-iufro-publications/>

Available from: Verlag Kessel, <https://www.forstbuch.de/produkt/morphology-and-identification-of-the-worlds-conifer-genera-doerken-v-m-nimsch-h>

First report of *Lecanosticta acicola* on non-native *Pinus mugo* in southern Sweden

By Michelle Cleary, Marili Laas, Funda Oskay, Rein Drenkhan; <https://doi.org/10.1111/efp.12507>

This is the first report of the quarantine pathogen *L. acicola* in Sweden. Subsequent surveys are urgently needed to assess the presence and extent of the *L. acicola* invasion in Scots pine (*Pinus sylvestris*) stands in Sweden and other Scandinavian countries. Michelle Cleary of the Swedish University of Agricultural Sciences, Southern Swedish Forest Research Center, is a Deputy Coordinator of IUFRO Working Party 7.02.02 – Foliage, shoot and stem diseases.

Mainstreaming forests where they matter most Key pointers for Dutch international policy for forests: A review of related processes and developments

This report has been produced by Tropenbos International.

Available for download at:

<https://www.tropenbos.org/file.php/2280/mainstreaming-forests-where-they-matter-most-web.pdf>

ETFRN news 59 - Exploring inclusive palm oil production

Widespread palm oil production causes much controversy due to its negative impacts in the tropics. But whatever is said about it, it is big business and getting bigger by the day due to increasing global demands.

Available for download at: <http://www.etfrn.org/publications/exploring+inclusive+palm+oil+production>

Positions

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

Professor and Chair of Forest and Nature Conservation Policy

Apply by 8 May 2019

The Forest and Nature Conservation Policy Group (FNP) develops knowledge and expertise, and teaches on forest and nature conservation policies and governance. As the new chair you will further advance an innovative research and education program at Wageningen University (WUR), The Netherlands.

Details: <https://www.academictransfer.com/en/53495/professor-and-chair-to-lead-the-forest-and-nature-conservation-policy-group-fnp-08-10-fte/>

Professor in Digital Forest Operations

Apply by 8 May 2019 at 5:00 PM (Québec time)

In accordance with its development plan, the Department of Wood and Forest Sciences, Faculty of Forestry, Geography and Geomatics, Université Laval, Québec, Canada is seeking a professor in forestry operations.

Details: <https://www.iufro.org/fileadmin/material/discover/nb-ulaval-sbf-professor-digital-forest-operations.pdf>

Lecturer/ Senior Lecturer in Forest Engineering

Apply by 12 May 2019

The School of Forestry, College of Engineering, University of Canterbury, Christchurch, New Zealand invites applications for a Lecturer/Senior Lecturer position in Forest Engineering (equivalent to a tenured Assistant or Associate Professor in the US System). Details:

<https://ucvacancies.canterbury.ac.nz/> posting #7113

Assistant/Associate Professor(s) in Silviculture

Apply by 17 May 2019

Applications are invited for two tenure-track positions in the Department of Forest Resources Management, Faculty of Forestry, University of British Columbia, Vancouver campus, Canada. These new faculty hires will continue to develop, and expand, forest management and operations leadership at UBC through focusing on provincial, national and international silviculture teaching and research.

Details: <https://www.iufro.org/fileadmin/material/discover/nb-ubc-asst-professors-silviculture.doc>

Contact: Dr. Nicholas Coops, [Nicholas.coops\(at\)ubc.ca](mailto:Nicholas.coops(at)ubc.ca)

Postdoc in Human Factors in Forest Operations

Apply by 25 May 2019

The Department of Forest Biomaterials and Technology (SBT), Swedish University of Agricultural Sciences, invites applications for a two-year postdoc position in Human Factors in Forest Operations. The position requires a wide interest within the discipline of work science, including human-machine interaction, ergonomics and safety.

Details: <https://www.slu.se/en/about-slu/jobs-vacancies/?rmpage=job&rmjob=2201&rmlang=UK>

Faculty Positions in Ecosystem Functions in Forest Environment

Apply by 2 September 2019

The School of Forestry and Resource Conservation, National Taiwan University, China-Taipei, currently has an opening in the area of ecosystem functions in forest environment. The position type is Full-time Professor, Associate Professor, or Assistant Professor.

Details: <http://www.fo.ntu.edu.tw/en/news/Faculty-Positions-Announcement-30429856>

Scholarships, Research Opportunities

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

15 PhD Positions and 13 Scholarships at the LERH PhD Program

Apply by 14 May 2019

The University of Padova, Italy, invites excellent students to apply to its three-year, full-time PhD program LERH. LERH is a center of excellence for studying the processes governing forest and agricultural ecosystems and food quality. Details:

<https://www.unipd.it/en/research/doctoral-degrees-phd-programmes/phd-programmes-calls-and-admissions>

Post-doc position: Scaling up plant production through somatic embryogenesis in conifers

Apply by 15 May 2019

A post-doctoral position is opened to develop a project about „enabling scale-up of somatic embryogenesis (SE) plant production by physiological analysis of embryos processed in bioreactors and the R&D SE System for harvest“. This is an 18-months project and the post-doc candidate will work both at UPSC (Umeå, Sweden) and INRA (Orléans, France).

Details: <https://symc.ly/2PsQzbG>

Full DAAD Scholarship for M.Sc. Program Tropical Forestry

Apply by 30 October 2019

The program at Technische Universität Dresden, Germany, aims to educate executives in the development of scientifically based, innovative and sustainable management concepts for natural forests, forest plantations and other wood formations, agroforestry systems and urban green spaces, and for controlling their use and maintenance in the tropics and subtropics. Details: <https://bit.ly/2VjQBbm>

Call for New Collaborative Research Action on Climate, Environment and Health

Deadline for Expression of Interest:

06 May 2019, 16:00 GMT

The Belmont Forum in collaboration with Future Earth, announces a new collaborative research action for transdisciplinary research which will improve understanding of the pathways between climate, environment and health to protect and promote human health and well-being in the face of climate challenges. Find out more:

<http://www.belmontforum.org/opportunities/>

IUFRO Meetings

Search our online calendar for a full list of meetings:

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

Find non-IUFRO meetings on the IUFRO Noticeboard:

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

Also search for forest-related events in GFIS at:

<https://www.gfis.net>

29 May 2019

Forest Responses to Climate Change: Why African Forests Matter

Breakout Session of R20 Austrian World Summit
Vienna, Austria

Jointly organized by IUFRO and Austrian Federal Ministries BMNT and BMBWF

Contact: Alexander Buck, [buck\(at\)iufro.org](mailto:buck(at)iufro.org)

<https://www.austrianworldsummit.com/event/breakout-sessions>

12-14 Jun 2019

AForGeN 2019

Chalet Le Dahut, Mont Ventoux, France

IUFRO [2.04.11](#)

Contact: Bruno Fady, [bruno.fady\(at\)inra.fr](mailto:bruno.fady(at)inra.fr)

<https://aforgen.wsl.ch/en/meetings.html>

23-28 Jun 2019

2019 IUFRO Tree Biotechnology Conference

Raleigh, NC, United States

IUFRO [2.04.06](#)

Contact: Ross Whetten, [ross_whetten\(at\)ncsu.edu](mailto:ross_whetten(at)ncsu.edu)

Zander Myburg, [zander.myburg\(at\)fabi.up.ac.za](mailto:zander.myburg(at)fabi.up.ac.za)

<https://projects.ncsu.edu/mckimmon/cpe/opd/iufro/>

7-10 Jul 2018

Small-scale Forestry Conference 2019

Duluth, MN, United States

IUFRO [3.08.00](#)

Contact: Christoph Hartebrodt, [Christoph.Hartebrodt\(at\)forst.bwl.de](mailto:Christoph.Hartebrodt(at)forst.bwl.de)

<http://iufrossf.umn.edu/>

22-26 Jul 2019

2019 Joint Meeting of IUFRO Working Parties: Genetics and Breeding of 5-needle pines and Rusts of Forest Trees

Invermere, BC, Canada

IUFRO [2.02.15](#)

IUFRO [7.02.05](#)

Contact: Ward B. Strong, ward.strong(at)gov.bc.ca

<https://westernforestry.org/upcoming-conferences/iufro-2019-joint-conference-genetics-of-five-needle-pines-rusts-of-forest-trees>

26-30 Aug 2019

14th International Christmas Tree Research and Extension Conference

Quebec City, Canada

IUFRO [2.02.09](#)

Contact: Gary Chastagner, chastag(at)wsu.edu

<http://www.iqdh.com/index.php/fr/international-christmas-tree-research-and-extension-conference-2019>

2-4 Sep 2019

Temperate and boreal primeval forests in the face of global change

Lviv, Ukraine

IUFRO [1.01.07](#), [8.01.01](#)

Contact: Peter Brang, brang(at)wsl.ch

<https://www.wsl.ch/en/about-wsl/events/details/temperate-and-boreal-primeval-forests-in-the-face-of-global-change.html>

16-18 Sep 2019

II International Symposium on Korean Pine Biology and Silviculture

Vladivostok, Russia

IUFRO [1.08.00](#)

Contact: Anna Rasshchepkina, intdep(at)biosoil.ru

<http://pages.biosoil.ru/koreanpine2019/>

16-20 Sep 2019

6th International Conference on Conservation of Forest Genetic Resources

Shchuchinsk, Kazakhstan

IUFRO [2.02.00](#)

Contact: Konstantin V. Krutovsky, kkrutovsky(at)gmail.com

<http://kazniilha.kz/content/6-ya-meghdunarodnaya-konferenciya-soveshanie-sohranenie-lesnyh-geneti>

XXV IUFRO World Congress 2019

<http://iufro2019.com/>

Curitiba, Brazil

31 May 2019 deadline for for early-bird registration and presenting authors! **Don't miss it!**



Explore Brazil and go on a **post-Congress tour!**

<http://iufro2019.com/post-congress-tours/>

14-16 Oct 2019

The IUFRO Seed Orchard conference 2019 - Seed Orchards and Climate Change

Nanjing, China

IUFRO [2.09.01](#)

Contact: Ji-Sen Shi, jshi(at)njfu.edu.cn

Li-Ming Bian, lmbian(at)njfu.edu.cn

<https://www.iufro.org/science/divisions/division-2/20000/20900/20901/activities/>

16-18 Oct 2019

First International Conference on Sustainability: Transdisciplinary Theory, Practice and Action (STTPA)

University of Toronto Mississauga, Canada

IUFRO [9.04.00](#)

Contact: Shashi Kant, shashi.kant(at)utoronto.ca

<https://sttpaconference.com/>

23-27 Feb 2020

9th IUFRO International Wind and Trees Conference

Rotorua, New Zealand

IUFRO [8.03.06](#)

Contact: Barry Gardiner, barry.gardiner(at)efi.int

<https://www.efi.int/events/9th-iufro-international-wind-and-trees-conference-2020-02-23>

25-27 Mar 2020

Mixed Species Forests: Risks, Resilience and Management

Lund, Sweden

IUFRO [1.01.06](#), [1.01.10](#), [1.09.00](#), [7.03.00](#), [8.02.01](#)

Contact: Magnus Löf, Magnus.Lof(at)slu.se

<https://www.mixedforest2020.se/>

Other Meetings

17-21 Jun 2019

Asia-Pacific Forestry Week 2019: Forests for Peace and Well-being (APFW2019)

Incheon, Republic of Korea

The Korea Forest Service (KFS) will host the event together with the Food and Agriculture Organization of the United Nations (FAO)

<http://www.fao.org/asiapacific/apfc/asia-pacific-forestry-week-2019/en/>

25-27 Jun 2019

Expert Workshop and the Meeting of the Team of Specialists on Green Jobs in the Forest Sector

Madrid, Spain

Organized by UNECE/FAO Forestry and Timber Section

Contact: Alicja Kacprzak, alicja.kacprzak(at)fao.org

<http://www.unece.org/index.php?id=51529>

23-25 Aug 2019

5th Annual FLARE (Forests and Livelihoods: Assessment, Research, and Engagement) Network meeting

University of Michigan, Ann Arbor, Michigan, U.S.A.

<http://www.forestlivelihoods.org/annual-meeting-2019/>

19-23 Aug 2019

Latin America & Caribbean Climate Week

Salvador, Brazil

<https://www.regionalclimateweeks.org/>

2-6 Sep 2019

Asia-Pacific Climate Week

Bangkok, Thailand

<https://www.regionalclimateweeks.org/>