

White Pine Blister Rust in the Focus

Report by Richard A. Sniezko, Coordinator of IUFRO Working Party 2.02.15 Breeding and genetic resources of five-needle pines, and Pascal Frey, Coordinator of IUFRO Working Party 7.02.05 Rusts of forest trees
IUFRO 2.02.15 <https://www.iufro.org/science/divisions/division-2/20000/20200/20215/>
IUFRO 7.02.05 <https://www.iufro.org/science/divisions/division-7/70000/70200/70205/>

The IUFRO 2019 Joint Conference on Genetics of Five-needle Pines (2.02.15) & Rusts of Forest Trees (7.02.05) took place on July 22-26 in Invermere, British Columbia, Canada, and brought together 57 experts from 10 countries. The event with Ward Strong (BC Ministry of Forests, Lands, and Natural Resource Operations) as lead organizer was held in conjunction with USDA Forest Service, Whitebark Ecosystem Foundation of Canada.

Meeting website:
<https://westernforestry.org/past-conferences/iufro-2019-joint-conference-genetics-of-five-needle-pines-rusts-of-forest-trees#FiveNeedleRegistration>

The meeting in Invermere focused particularly on breeding and genetic conservation of 5-needle pines, with special reference to screening and genetics programs for resistance to white pine blister rust (*Cronartium ribicola*). There were 31 oral presentations, with 4 discussion sessions and 14 posters (including 6 presented as 3-minute speed talks). In addition, the conference aimed to provide an update on the current state of knowledge of research in rusts (including blister rust) of forest trees and offered a discussion session on genomic tools for the future.

The conference clearly showed that several five-needle pine species continue to be threatened by white pine blister rust (caused by the fungal pathogen *Cronartium ribicola*). However, applied resistance programs are making significant advances and cooperative work between Canada and USA, and a multitude of groups within each country is moving this work forward. Also, genomic resources are moving forward for both the tree species and the rust pathogens and will be helpful in the future in maintaining healthy forests in the face of challenges such as climate change. There remain concerns about the future of high elevation species such as *P. cembra* and *P. albicaulis* under climate change. Work with genetics and tree improvement with *P. koraiensis* is continuing to advance. Population genetics and population genomics of rust fungi opens new perspectives in understanding their epidemiology, their complex life cycle, and their hybridization potential.

The publication of conference proceedings is planned. Future meetings of IUFRO Units 2.02.15 and 7.02.05 are still to be scheduled, but the two Working Parties are sponsors of the 7th International Workshop on the Genetics of Tree-Parasite Interactions that will take place in Pontevedra, Galicia, Spain from September, 21-25, 2020.

IUFRO 2.02.15 has been very active, with 6 conferences since 2001, including the last two in conjunction with group 7.02.05. The five-needle pines occur naturally throughout North America, Asia, Europe, and one of the main threats



White pine blister rust canker on *Pinus albicaulis*, an endangered species in Canada (top); Ward Strong & Richard Sniezko at Peyto Lake, Banff during post-conference fieldtrip (bottom)
Photos provided by Richard A. Sniezko

on the conservation of some endangered species is rust, caused by several *Cronartium* spp. IUFRO Groups 2.02.15 and 7.02.05 have also been sponsors of 3 international (disease & pest) resistance workshops, with the fourth one scheduled for 2020 in Spain.

Transforming Approaches to Forests and Forestry through Traditional and Local Knowledges

Report by Janette Bulkan, Deputy Coordinator of IUFRO Working Party 9.03.04 - Traditional forest knowledge in temperate and boreal regions

A conference on Traditional Ecological Knowledge (TEK), 'Transforming approaches to forests and forestry through Traditional and Local Knowledges: Reciprocity and relationship-building in forest ecosystems' was held at the University of British Columbia's Faculty of Forestry on the unceded territory of the Musqueam (x^wməθk^wəyəm) Indigenous Nation, during 21-23 August 2019). There were 98 registered participants, including Indigenous and Local Community members, undergraduate and graduate students and academics and government officials.

The three-day conference was organized by Janette Bulkan (Associate Professor of Indigenous Forestry and Deputy Coordinator of the IUFRO 9.03.04) and twelve graduate students of the University of British Columbia (UBC) on behalf of two IUFRO Working Parties:

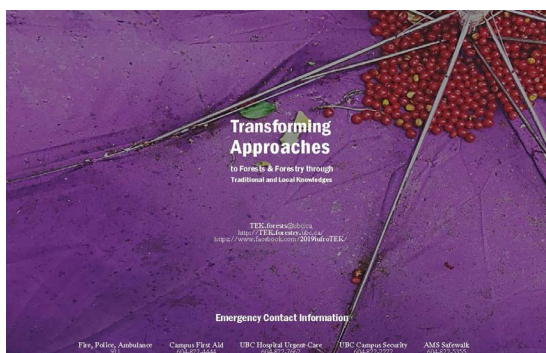
9.03.04 – Traditional forest knowledge in temperate and boreal regions <https://www.iufro.org/science/divisions/division-9/90000/90300/90304/>

9.03.05 – Traditional forest knowledge in tropical and subtropical regions <https://www.iufro.org/science/divisions/division-9/90000/90300/90305/>

Professor Youn Yeo-Chang, Coordinator of IUFRO 9.03.05 participated in the Conference and presented a well-received paper on village groves in Namwon, Korea. Professor Cecil Konijnendijk, UBC professor of urban forestry and incoming Coordinator of IUFRO's Division 6 on the social aspects of forestry, delivered introductory remarks on the mission of IUFRO and the relevance of this conference to that work.

A major objective of the meeting was to give all participants some practice in building sincere and equitable relationships, in which the traditional knowledge, perspectives, and authority of Indigenous Peoples and Local Communities (IPLCs) are as valued as scientific data gathering and interpretation techniques. This was achieved through an initial day of relationship building among all participants and on the following two days interactive workshops, panel presentations and discussions, excursions to UBC's Museum of Anthropology and x^wcicəsəm Garden (Indigenous health research and education garden) and an informative walk around the fruiting berry bushes and plants adjoining UBC's Faculty of Forestry.

Two common threads in the presentations and discussions during the course of the conference were: the equal validity of Western and Indigenous knowledge systems, and the urgent need to collaborate with the holders of traditional ecological knowledge to safeguard the planet's remaining biocultural diversity.



Some shared findings that threaded through the conference events were:

- In the epoch of the Anthropocene, human societies and their leaders would do well to collaborate with Indigenous Peoples and Local Communities (IPLCs), drawing on their time-tested traditional and local knowledges in order to respond strategically to the challenges posed by global heating and biodiversity loss and degradation.
- Traditional and local knowledges are based on long-standing observations and practices in specific territories and should be accorded equal legitimacy as Western knowledges.
- Traditional and local knowledges are generally not separable from specific territories. At best these forms of knowledge are relational, bound up with respect and reverence for all forest values and the web of life that sustains humans and non-human societies. The interrelationships among flora and fauna that are the bedrock of Indigenous Knowledges are increasingly recognized in Western scientific investigations. Forestry cannot be reduced to a sole focus on tree species of commercial value.
- The human rights of Indigenous Peoples are violated when they are hindered from accessing their traditional territories and acting on and reviving their traditional knowledge of resource management by the claims of property rights holders, including the Nation-State. In such scenarios, the loss of their traditional and local knowledges represents a loss not only to the Indigenous Peoples themselves but to the global treasury of knowledge.
- Forests and natural landscapes more generally are also sites for farms, gathered foods and medicines. Human societies need to recognize, value and legally protect more of these landscapes and recover the associated fast-disappearing knowledges of foods and medicines.
- Transformative approaches begin with self-transformations, grounded in human relationships.
- Indigenous and Local place-based knowledges need to be safeguarded through legal protections and/or collaborative management of the associated landscapes. Actions must be scaled up through insistent advocacy, writings and representation in every possible policy making forum.

The next steps include producing two longer-term outputs: a Green Paper aimed at policy makers at all levels and in all countries; and a joint volume of Conference Proceedings, consisting of written articles from the Vancouver meeting added to those to be presented at the TEK sessions organized by Professor Stephen Wyatt at IUFRO's World Congress that will take place in Curitiba, Brazil, from 29 September to 5 October 2019.

First Meeting of the IUFRO-GFEP Global Forest Expert Panel on Forests and Poverty

Report by Andre Purret, GFEP Project Manager

Following the successful Scoping Meeting held in Rome, Italy, in late May 2019, the GFEP coordination team selected and invited internationally recognized scientists to join the Global Forest Expert Panel on Forests and Poverty. This first meeting of the GFEP Expert Panel on Forests and Poverty, convened from 27-29 August in Ann Arbor, Michigan, USA, is a crucial milestone in the GFEP assessment process.

The meeting was kindly hosted by the University of Michigan and the Forests & Livelihoods: Assessment, Research, and Engagement (FLARE) Network. The meeting was attended in total by twenty participants, including seventeen Panel Members and the GFEP team.

The purpose of the 1st Panel Meeting was to introduce the Terms of Reference and GFEP Rules of Procedure to Panel Members; to agree on key concepts and methodological approaches; to develop an annotated outline of the assessment report and its chapters; to clarify the roles and specific contributions of Panel Members in their role as authors; to identify areas of expertise that require the involvement of additional scientific experts; and to refine the schedule of the assessment in general.

During the meeting Panel Members decided on chapter teams, allocated the roles of authors within the chapters and designated Prof. Daniel C. Miller (University of Illinois, United States) as the scientific chair of the Expert Panel. The chapter groups started their scientific work



GFEP panel plenary session. Photo by Andre Purret

and are expected to deliver draft manuscripts by mid-December 2019. The 2nd meeting of the Expert Panel on Forests and Poverty will be held from 29-31 January 2020, location to be confirmed.

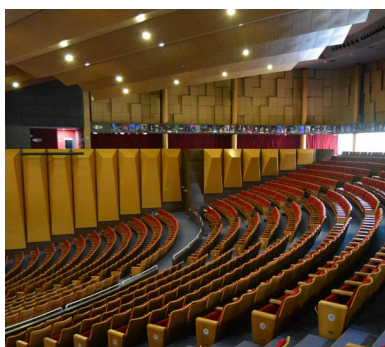
The GFEP on Forests and Poverty will contribute to the implementation of the 2030 Agenda for Sustainable Development by highlighting the nexus between SDG 1 on ending poverty and SDG 15 on life on land, as well as relevant links to SDG 8 on decent work and economic growth, and SDG 10 on reduced inequalities. *More information about the assessment, including the list of Panel Members is available at:* <https://www.iufro.org/science/gfep/forests-and-poverty-panel/>

XXV IUFRO World Congress: Some Sessions You Should Put on Your Schedule



The Curitiba Congress (<http://iufro2019.com/>) is just around the corner offering a splendid mix of events. They range from daily plenary sessions with an impressive line-up of keynote speakers (<http://iufro2019.com/guest-speakers/>) to inspiring subplenary and technical sessions, from target-oriented side events and informative administrative meetings to enjoyable excursions and entertaining social get-togethers, award winning ceremonies and much more.

Did you know that in addition to the core scientific sessions that revolve around the five Congress themes (<http://iufro2019.com/congress-themes/>) there is a sixth category of events relating to the cross-cutting fields of Communicating, Educating, Networking & Publishing? Have a look at the following selection of sessions that you might consider attending in Curitiba.



Making the Most of the Congress

**Sunday, September 29, 16:00-17:30,
MAIN THEATER**

Are you new to IUFRO, is this your first IUFRO Congress or do you just want to get a concise overview of the wide range of opportunities the Congress week has in store for you? Then this is a session tailor-made for you. As the first session of the Congress it aims to provide guidance on how to make the most of the scientific sessions of the Congress, the time between sessions and other Congress events.

You will get to know the facilities available at Expo Unimed in Curitiba and you will be introduced to the "best practice" of exchanging information, making contacts with fellow researchers, building partnerships for research projects through involvement in IUFRO activities. You will also learn about the Congress mentoring program set up by IUFRO and the International Forestry Students' Association IFSA. Everyone is welcome, but we especially invite those new to IUFRO, and those attending their first IUFRO Congress.

Expo Unimed theater. Photo by Astrid Tippel

Forests and Climate Change - Science in Dialogue

Monday, September 30, 11:00-12:00, MAIN THEATRE

On the first day of the IUFRO World Congress in Curitiba, right after the Opening Ceremony, scientists and stakeholders will focus on the role of forests and forest products in mitigating global warming and its consequences in a plenary session. Keynote speaker Werner Kurz, Senior Research Scientist at the Canadian Forest Service (Natural Resources Canada), will set the scene for discussing four key questions with representatives from policy, business, science, civil society groups and the audience:



- 1) What is the potential of forests and forest products to avoid dangerous global warming?
- 2) Which processes, actions and technologies offer the greatest potential?
- 3) How might we best address potential trade-offs and land-use conflicts between climate mitigation activities and food, fibre, biodiversity, water and other socio-environmental values?
- 4) What concrete actions could be taken by the scientific community, including IUFRO, to address the shortcoming of insufficient take-up of scientific information by decision makers and the broader public, and to strengthen the science-policy interface?

Photo by Benedikt Geyeron on Pixabay

Wangari Maathai “Forest Champions” Award

Monday, September 30, 18:00-18:30, MAIN THEATER



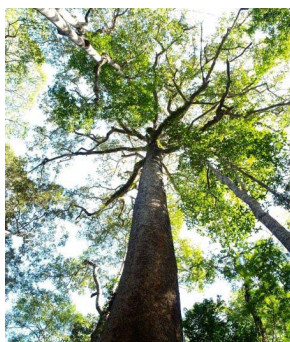
Photo: Prof. Wangari Maathai, Green Belt Movement

The Collaborative Partnership on Forests (CPF) is awarding one extraordinary individual for improving our forests and the lives of people who depend on them! Meet the winner of the 2019 edition of this prestigious award! Listen to his/her inspiring success story and learn about the contribution the winner has made to raising awareness of the key role forests play in supporting local communities, rural livelihoods, women, youth and the environment.

The Wangari Maathai Award is an initiative of CBD, CIFOR, CITES, FAO, GEF, ICRAF, ITTO, IUCN, IUFRO, UNCCD, UNDP, UNEP, UNFCCC, UNFF and World Bank, all members of the CPF. Nominations have been reviewed by an international jury of renowned personalities, who have also taken into consideration such elements as empowering women, youth and civil society, fostering social commitment, promoting networks and improving the valuation of forests in society.

Cooperation for Sustainability - Statements by IUFRO Partners

Monday, September 30, 18:30-19:00, MAIN THEATER



Sacred tree, Indonesia. Photo by Geoff Roberts

The IUFRO2019 World Congress offers a great opportunity for IUFRO to strengthen and highlight partnerships with forest-related governmental and non-governmental institutions. This session will provide a great chance to learn about the important supporters and partners of IUFRO and showcase IUFRO's work at the science/policy interface.

Directors' Forum: Knowledge Transfer in Forest Science as a Management Strategy

Monday, September 30, 14:00-15:00, Room 1 - WING 3

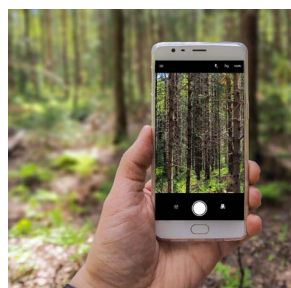


Photo by Esa Riutta on Pixabay

University forest faculties as well as government forest research institutions are increasingly challenged to justify their programs by showing that their research activities make a difference, especially with respect to practitioners.

Therefore, after an introductory presentation to set the scene, this subplenary session will showcase a set of best practices in knowledge transfer activities from both research institutions and universities. The main part of the session is dedicated to a discussion with the session participants in order to exchange views on the improvement of knowledge transfer in their respective institutions.

Forest Communicators' Forum: The Big Bang in Forest Communication

Tuesday, October 1, 14:00-15:00, Room 1 - WING 3



Join this groundbreaking subplenary session with communicators from around the world, including Robert Grace, expert from M&C Saatchi Abel, and learn about working with journalists, communicating with decision-makers, why gender matters in your communication campaigns and more! And, listen to Sheldon and Penny from the Big Bang Theory talking at cross purposes!

The forest sector has long been at the forefront of defining sustainability and putting it into practice, and now we need to get better at communicating effectively about forests and their role in sustainable development. Tailoring messages and strategies to target audiences is vital to broadening awareness of forest-related topics. Effective communication can help us provide decision-makers with accurate information to make sound decisions on natural resource and climate change issues. Join this session to learn tools and tips for more effective communication!

Forest Landscape Restoration Implementation – Progress on the Ground

Tuesday, October 1, 17:30-20:30, SMALL THEATER

Countries around the globe have pledged to restore deforested and/or degraded landscapes to contribute to the Bonn Challenge. Bangladesh, Brazil, Ethiopia, Ghana, Guatemala, India, Madagascar, Mongolia and Peru have committed to put 36.5 million ha into restoration by 2020 and an additional 23.5 million ha by 2030, representing 12% of the total Bonn Challenge targets for both 2020 and 2030. The IUFRO-led "FLR Snapshot" project aims at an independent scientific exploration of efforts contributing to forest landscape restoration (FLR) in selected landscapes in these nine Bonn Challenge countries. The first major milestone in sharing results of the project will take place in a side event at the XXV IUFRO World Congress in Curitiba, Brazil:

<https://www.iufro.org/science/special/spdc/netw/flrcong/>

In the course of this side event, IUFRO scientists will present an in-depth analysis of specific landscapes in those nine countries in Africa, Asia and Latin America - sharing results, experiences with forest landscape restoration (FLR) initiatives, and lessons learnt. They will discuss possibilities for restoring land that has been degraded by forest fire, illegal logging, over-grazing, encroachment, or economic development by local communities, and demonstrate possible ways forward including: agroforestry systems, tree planting, improvement of techniques and policies, organization of cooperatives, and landscape governance for sustainable forest management. Achievements, struggles and opportunities for building capacities, and increasing the awareness of FLR, and the active involvement of the public and private sectors will be discussed.

This very international event aims to facilitate knowledge exchange and create an opportunity for scientists, policy makers, stakeholders and managers to further their understanding of FLR and contribute to future more sustainable land use.

For more information on the FLR Snapshot project and side event please visit: <https://www.iufro.org/science/special/spdc/netw/analysis/> and <http://www.forestlandscaperestoration.org/>



Working Together: What Can the Regional Forest Communicators Networks Do for You?

Wednesday, October 2, 12:00-13:30, Room 3-Wing 3

Forest communicators from around the globe, journalists, researchers, students and technicians interested in forest communication are invited to exchange views on the challenges of communicating about forest-related issues such as sustainable forest management or forests and climate change.

The side event will show how forest communicators networks can help get forest messages across to wider audiences. You will hear success stories and experiences from such networks with a special focus on networks in Latin America and the Caribbean and Europe.



Illustration by Gerd Altmann on Pixabay

New Opportunity for Early-Career Scientists

Wednesday, October 2, 13:00 - 14:00, Room 12-Wing 2



Photo: Institute of Soil Research (IBF), University of Natural Resources and Life Sciences, Vienna (BOKU)

The IUFRO-EFI Young Scientists Initiative (YSI) is a new collaboration between IUFRO and the European Forest Institute (EFI) and will offer a limited number of grants for short scientific visits in 2020.

An opportunity for young scientists from Africa, Asia and Latin America to conduct collaborative research in Europe and *vice versa* during 2020 is now available. The YSI will entail a short scientific visit to be hosted by a forest science organization where the grantee will work on a scientific collaboration with another scientist from said organization.

IUFRO and EFI are offering EUR 5 000 per grantee and the application period will close on the 31st of January 2020. Applications and queries are to be sent to the Secretary of the Review Committee, Mr Daniel Boehnke (boehnke@iufro.org).

For more information please follow the link to the YSI homepage at:

<https://www.iufro.org/science/special/spdc/ysi/>

Sustainable Development Goals: Their Impacts on Forests and People - Book Launch -

Wednesday, October 2, 14:00-15:00, MAIN THEATER

At this subplenary session and the subsequent technical session (October 2, 15:30-17:30), the IUFRO Special Project on World Forests, Society and Environment (IUFRO-WFSE) will present the main findings and conclusions of the project's forthcoming book "Sustainable Development Goals: Their Impacts on Forests and People". Authors will discuss the important interconnections and interlinkages among the SDGs and potential or anticipated trade-offs and synergies among the SDGs from the perspective of forests and livelihoods.



Photo by Safia Aggarwal, FAO

Find out more:
<http://blog.iufro.org/2019/09/12/how-will-the-sustainable-development-goals-affect-forests-and-people/>

Innovation and Excellence in Emerging Research - IUFRO Student Awards



Photo by PIROAD on Pixabay.

**Friday, October 4,
14:00-15:00,
Room 01 – WING 3**

Meet future leading researchers and learn about their perspectives and views on opportunities and challenges for engaging in research in forest sciences. In the course of this subplenary session outstanding young scientists will receive

the IUFRO Outstanding Doctoral Awards and IUFRO Student Awards for Excellence in Forest Sciences.

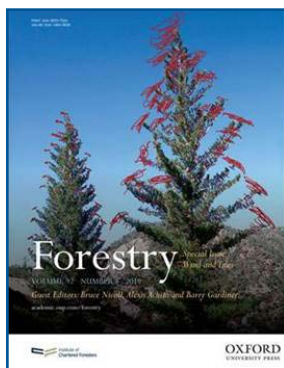
The winners have already been presented in a special awards issue of IUFRO News (issue 8/2019):
<https://www.iufro.org/publications/news/electronic-news/>

Visit <http://iufro2019.com/>
for all program details, latest updates
and much more ...

Publications

Forestry Issue on Wind and Trees

The 2nd journal special issue from the IUFRO 8th Wind and Trees Conference (<https://www.mmm.ucar.edu/wind-and-trees>) has now been published in *Forestry: An International Journal of Forest Research*, Volume 92, Issue 4, October 2019, Pages 375–380. "Understanding the interactions between wind and trees: an introduction to the IUFRO 8th Wind and Trees Conference (2017)", edited by Barry Gardiner, Alexis Achim, Bruce Nicoll, Jean-Claude Ruel, *Forestry* Vol 92 Issue 4, can be found here: <https://www.iufro.org/science/divisions/division-8/80000/80300/80306/publications/>.



Special Issue of Forest Policy and Economics on Social Innovation

This Special Issue, largely a product of the work within a IUFRO Thematic Session organized at the 125th Anniversary IUFRO Congress in 2017 (<https://www.iufro.org/media/iufro-spotlights/iufro-spotlight-47/>) and H2020 Social Innovation in Marginalised Rural Areas (SIMRA <http://www.simra-h2020.eu/>) project, is a contribution to advancing and exchanging scientific knowledge of social innovation in the context of forestry.

The *Special Issue on Social Innovation to Increase the Well-being of Forest-dependent Communities and Promote Sustainability in Remote Rural Areas* was edited by Maria Nijnik, Laura Secco, David Miller and Mariana Melnykovich: <https://www.sciencedirect.com/journal/forest-policy-and-economics/special-issue/10H9J184QXV>

Individual-Based Forest Ecology and Management

At the beginning of October the new textbook by IUFRO Division 4 officeholder Arne Pommerening entitled "*Individual-Based Forest Ecology and Management*" will be published by Springer.

Find out more:
http://www.pommerening.org/wiki/index.php?title=Arne_Pommerening%27s_Forest_Biometrics_%26_Quantitative_Ecology_Lab#The_Book:_Methods_in_Individual-based_Forest_Ecology_and_Management

Book of Abstracts

Diseases and Insects in Forest Nurseries Working Party Meeting of IUFRO Working Party 7.03.04; Kuşadası, Turkey; 21-26 October 2018:
<https://www.iufro.org/science/divisions/division-7/70000/70300/70304/publications/>
<https://www.iufro.org/publications/proceedings/proceedings-meetings-2018/#c27428>

Positions and Fellowship Programs

Faculty Position in Silviculture or Tree Physiology

Closing date: 20 January 2020

The School of Forestry and Resource Conservation, National Taiwan University currently has an opening in Silviculture or Tree Physiology. Position Type: Full-time Professor, Associate Professor or Assistant Professor, to commence on 1 August 2020. Please mail the required documents in hard copy to the School of Forestry and Resource Conservation, National Taiwan University.

Details: <https://www.fo.ntu.edu.tw/en/news/Faculty-Positions-Announcement-Silviculture-or-Tree-Physiology-area-48267504>

PhD student in the research education subject: Forest Pathology; Chemical Ecology

Closing date: 18 October 2019

The research group in Forest Pathology at the Swedish University of Agricultural Sciences in Alnarp invites applications by motivated PhD students in the interdisciplinary area of Chemistry and Forest Pathology. Recent outbreaks of new and emerging forest pathogens such as ash decline, Diplodia and Phytophthora have clearly demonstrated the vulnerability of Swedish forests to introduced alien pests and pathogens.

Contact: Michelle Cleary, michelle.cleary@slu.se

Details: <https://www.slu.se/en/about-slu/jobs-vacancies/?rmpage=job&rmjob=2635&rmlang=UK>

2020 World Forest Institute International Fellowship Program

Closing Date: 15 October 2019

The World Forest Institute (WFI) International Fellowship program brings natural resource professionals from around the world to the World Forestry Center headquarters in Portland, Oregon USA. WFI is looking for motivated mid-career professionals with 3-5 years of relevant work experience, who want to explore, expand their knowledge and networks, and engage with others in forestry/natural resource management. The Fellowship term is 6-months with a non-negotiable start date of 6 April 2020.

Details: <https://www.worldforestry.org/institute/world-forest-institute/international-fellowship/>

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 Sep – 5 Oct 2019

XXV IUFRO World Congress

Curitiba, Brazil

<http://iufro2019.com/>

Also check the IUFRO Congress landing page:

<https://www.iufro.org/events/congresses/2019/>

Look out for [#IUFRO2019](#) on Twitter and Instagram and [XXV IUFRO World Congress 2019](#) on Facebook!

3-4 Dec 2019

Climate Change and New Challenges in the Production of High-Quality and Well Adapted Forest Reproductive Material. 60th Anniversary of Forest Seed Science and Technology in Croatia

Jastrebarsko, Croatia

IUFRO [2.00.00](#)

Contact: Santiago C. González-Martínez:

santiago.c.gonzalez.martinez@gmail.com

<http://www.sumins.hr/sjemenarstvo60/?lang=en>

27-31 Jan 2020

GenTree Final Conference: Genetic data to the rescue - Managing forests sustainably in a changing world

Avignon, France

IUFRO [2.00.00](#)

IUFRO [2.02.13](#)

IUFRO [2.04.11](#)

Contact: Santiago C. González-Martínez,

santiago.c.gonzalez.martinez@gmail.com

<http://www.gentree-h2020.eu/events/event/gentree-final-conference>

5-9 May 2020

International Scientific Conference Forestry: Bridge to the Future

Sofia, Bulgaria

IUFRO [3.00.00](#)

IUFRO [9.04.04](#)

Contact: Marius Dimitrov, mariusdimitrov@ltu.bg

Nasko Iliev, ilevnasko@abv.bg

Yaoqi Zhang, zhangy3@auburn.edu

<https://conf2020.forestry-ideas.info/>

22-24 Jun 2020

IUFRO Small Scale Forestry Conference

Kilkenny, Ireland

IUFRO [3.08.00](#)

Contact: Christoph Hartebrödt,

Christoph.Hartebrödt@forst.bwl.de

<https://iufrossf.ucd.ie/>

Other Meetings

14-15 Oct 2019

Resilient landscapes to face catastrophic forest fires: global insights towards a new paradigm

Madrid, Spain

Co-organized by the European Forest Institute (EFI) and the National Institute for Agricultural and Food Research and Technology (INIA), with support from the Spanish Ministry of Agriculture, Fisheries and Food and the School of Forest Engineers. Contact: Inazio Martínez de Arano, inazio.martinez@efi.int

<https://efi.int/articles/register-event-resilient-landscapes-face-catastrophic-forest-fires>

5-10 Oct 2020 (tentative)

2020 UN Biodiversity Conference - Ecological Civilization: Building a Shared Future for All Life on Earth

Kunming, Yunnan, China

15th meeting of the Conference of the Parties (COP 15)

to the Convention on Biological Diversity (CBD)

<https://www.cbd.int/doc/press/2019/pr-2019-09-05-cop15-en.pdf>