

Forest Science for a Healthier World

A Message from IUFRO President John Parrotta

As the world struggles to contain and address the staggering human costs of the ongoing COVID-19 pandemic, we are forcefully reminded of the indispensable value of science, international scientific collaboration, and the importance of timely and effective communication of scientific knowledge to the public and decision-makers. Unfortunately, we are simultaneously witnessing the tragic and far-reaching consequences for people, and our planet, of scientific illiteracy, irresponsible transmission of misinformation, absence of basic civic values, and abandonment of international collaboration.

As the global network for forest science, whose mission is the interconnection of forests, science and people, IUFRO has never been more important. Our ongoing efforts as scientists and educators are crucial for addressing many of the complex forest-related challenges we face both locally and globally, including climate change, land degradation and biodiversity loss, food security, sustainable livelihoods, environmental justice and human rights, among others. While the world's attention remains largely focused on the COVID-19 pandemic, public awareness of, and science-based policies and practices to deal with, these critical issues remain at least as important as ever.

IUFRO remains dedicated to strengthening international collaboration within and across forest-related disciplines. We are also deeply committed to effectively communicating the vast wealth of knowledge that exists in our Member Organizations and the broader forest science community to decision-makers, students and youth, land managers, and forest dependent communities. During our (virtual) annual meeting earlier this month, the IUFRO Board took a number of important steps to significantly improve and expand our networking activities



Redwoods (*Sequoia sempervirens*) in Glen Ellen, Sonoma County, California. Sadly, stands like this have been destroyed by the historic ongoing forest fires on the US West Coast
Photo by J. Parrotta; 'This I Know' song by Priya Parrotta Natarajan,
Link to song: <https://www.climatesoul.com/this-i-know>

and communications both within the vast IUFRO 'family' and with those who will ultimately use our knowledge. Together we can, and will, create a greener, healthier, more resilient, sustainable world.

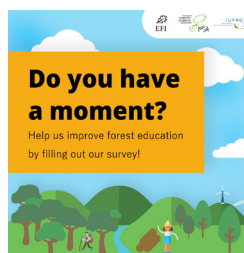
If you would like to share your thoughts with me, please contact me directly at: john.parrotta@usda.gov
All Member Organizations and officeholders are encouraged to send relevant news to IUFRO Headquarters for further dissemination: wolfrum@iufro.org; burger@iufro.org

Share Your Views on Forest Education!

Student survey to provide insight into the future labor market

The EFI-IFSA-IUFRO project seeks your support in disseminating this global survey among students. It is now available in Chinese (simple), English, French, Spanish and Portuguese and will run until December 2020.

Thanks for filling in the survey at:
<https://ifsa.net/efi-ifsa-iufro-project/global-student-survey/>



Targeted survey to determine the status of forest education

The FAO-ITTO-IUFRO global forest education project has developed questions targeted at:

- government agencies, non-governmental organizations, forest owners' associations, business organizations and labor unions;
- teachers and administrators in primary, secondary, forestry technical and vocational education and training (TVET) schools, and in forest-related programmes in colleges and universities;
- students of forestry and forest-related programmes in TVET institutions, colleges and universities.

Thanks for filling in the survey at:
<http://www.fao.org/forestry/forest-education/97368/en/>

Making Forest Research More Visible - the Communication Challenge -

Interview with [Ewa Hermanowicz](#) and [Ida Wallin](#), Coordinators of IUFRO Working Parties [9.01.02](#) - Communication and public relations, and [9.01.07](#) - Forests and the media, respectively

Ewa and Ida are two new Working Party Coordinators in IUFRO who share a common interest and expertise in forest science communication. Ewa is Communications Officer at the EUFORGEN Secretariat hosted by the European Forest Institute, while Ida is a postdoctoral researcher at the Chair for Forest and Environmental Policy at University of Freiburg, Germany.



Dr. Ida Wallin, postdoctoral researcher at the Chair for Forest and Environmental Policy at University of Freiburg, Germany

When it comes to forests in the media, it seems the media cover either the bad news about forest fires, dangers or deforestation, or the rather romantic stories about seemingly untouched forests thriving with beautiful wildlife.

Knowing the influence that media coverage has on shaping opinions and policies, it is important for a more balanced coverage to provide the media with reliable sources and robust facts based on scientific findings.

However, the number of journalists and media outlets who invest the time and resources for in-depth research - which is needed to write about complex issues such as science - is decreasing. Communicators can support researchers to break down the complexity of their messages and get their information to their audiences.



Ms. Ewa Hermanowicz, Ewa is a Communications Officer at the EUFORGEN Secretariat hosted by the European Forest Institute

Ida, what kind of forest news gets covered in the media and why?

News about forests in the media tend to focus on the ecological and economic aspects of forests and forestry, including forest conservation and forest related conflicts. A recent study of forest reporting in German language online media found a concentration of reports in regional media and a great variety of topics from recreation to technology and work force issues¹. Much remains to research about the media coverage on forest and forestry. This is why we created the new IUFRO Working Party that aims to support and facilitate such research efforts internationally.

Ewa, what makes a good news story based on forest science?

Any good story, be it about forest science or other sciences, follows a basic structure boiling down to: beginning (challenge) - middle (struggle) - end (resolution).

“It sounds very trivial, but it is not simple to build an interesting story and convey a key scientific message at the same time.”

To capture the attention of the audience, the story will not only narrate facts in a chronological way, but will contain elements such as strong characters with their own struggles and needs, suspense, action, climax and resolution. It will convey a message in a subtle and authentic way rather than pushing the information directly as if the audience were just empty containers to be filled.

Ida, why does it make sense to get forest research findings into the media?

Media coverage strongly influences public opinions and thus political processes. Publishing research findings in different media channels increases the chances to influence what people think about forests and, in the long-run, which policies are decided upon. For example, environmental conflicts tend to be played out in the media. The actors involved in these conflicts use media to present their understandings, interests and ideas to the public and other actors. They are telling stories to the public about who is good and who is bad. Just like Ewa describes, good stories follow certain patterns.

How the public and other actors perceive and describe environmental problems and solutions plays a crucial role for which solutions and compromises can be found in political processes. Scientists, for example, have been found to have a strong standing in media reporting about forests and climate change², but could

use this position better to present themselves in a more favorable light³. Collaborations with experienced communicators can give you that extra edge.

“The efforts required to get your forest research findings into the media are worthwhile and can make a difference.”

¹ Ranacher, L., Ludvig, A. and Schwarzbauer, P. (2019) 'Depicting the peril and not the potential of forests for a biobased economy? A qualitative content analysis on online news media coverage in German language articles', *Forest Policy and Economics*. Elsevier, 106(July), p. 101970. doi: 10.1016/j.forpol.2019.101970.

² Kleinschmit, D. and Sjöstedt, V. (2014) 'Between science and politics: Swedish newspaper reporting on forests in a changing climate', *Environmental Science & Policy*, 35, pp. 117-127. doi: 10.1016/j.envsci.2013.02.011.

³ Park, M. S. and Kleinschmit, D. (2016) 'Framing forest conservation in the global media: An interest-based approach', *Forest Policy and Economics*. Elsevier B.V., 68, pp. 7-15. doi: 10.1016/j.forpol.2016.03.010

Ewa, how can communicators support forest scientists to get their messages out?

“Communicators are connecting the dots between the public and the scientists by spotting the angles of interest and working together to find a bridge between the complexity of science and the curiosity, level of knowledge and expectations of the target audience.”

They translate the sometimes impenetrable jargon of scientific publications into a clear and colorful language that will take the audience for a fascinating and empowering journey of understanding the forest science and its relation to global challenges better.

Ida, why are you as a forest researcher interested in media and communication?

Media analysis has long been a tool for forest policy scholars, and like many researchers in the field I am interested in how media communication influences forest governance through shaping and communicating opinions by actors to a wider audience. Traditionally, a certain media logic has prevailed and those adapting to this logic have gained more influence.

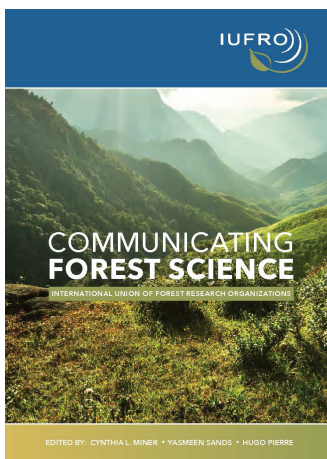
“With the rise of new and social media the old power relations have somewhat shifted. Over the last ten years it has become common place that anyone with a Twitter or Facebook account can participate, frame and reframe their own and others’ opinions about different topics.”

What meets the public today is a dynamic mixture of different media and even if filter bubbles and alternative facts are important to keep in mind, there is no denying that we are living in an ever more connected world. There are many unexplored questions regarding how, by whom and to what end, forest issues are debated and understood in the new media landscape.

Ewa, what does a forest communicator do and how did you become one?

A forest communicator takes the results of the hard work of scientists and turns it into a right product for the audience that these results should reach. It takes a lot of conversations with both sides to find where the happy medium lies. Unfortunately, very often we just have to make our best guess of what the audience wants based on good practice and experience.

I became interested in communications at Bioversity International where I was involved with the editorial process of the Newsletter for Europe. It was rewarding to collect articles and stories that formed regular issues that the readers enjoyed. I later prepared the concept of the ‘Fellows gallery’ to highlight the interesting research on biodiversity-related issues of fel-



This manual was written to help scientists and professional communicators in their communication efforts with people outside of the scientific community. <https://www.iufro.org/index.php?id=7025>

lows across the globe. Their technical reports transformed into attractive content for the website would have otherwise just stayed stuck on hard drives as word files. That content included short videos, which then took me on the filmmaking and storytelling path and led to the production of several short documentaries such as [Climbing to survive](#), [Cooking together in Zambia](#), [Afforesting Iceland](#).

I’m happy that at the European Forest Institute where I work now, I’m part of a larger team of great communicators with whom I can exchange knowledge and tips on different communications disciplines.

Ida and Ewa, what are the two main aims of your Working Parties and how can people join in?

Ida: With the newly started Working Party [Forests and the Media](#) focusing on media analysis, we intend to strengthen the research on new

and traditional media communication related to forests and forestry. We aim to gain better understanding of emerging patterns of political communication and assess their potential influence on forest policy and governance.

“We warmly invite those researchers who would like to contribute to the Working Party’s aims to get in contact with us!”

We hope to make connections to other IUFRO units interested in media communication analysis and start collaborations around future activities. Let us know if you are interested! Write to: [ida.wallin\(at\)ifp.uni-freiburg.de](mailto:ida.wallin@ifp.uni-freiburg.de)

Ewa: The Working Party on [Communications and Public Relations](#) pursues both the practice and research of communications and public relations. The main objectives are to understand the effectiveness of communication efforts, including social media, and to develop best practices for IUFRO Members.

We also compare selected theories about the science-policy interface with practical experience gained by IUFRO in communicating about forest sciences. In that respect, the results of the [Forests and the Media](#) Working Party will certainly come in handy for our work in the future.

“We are looking forward to connecting with other IUFRO Units interested in communications and I’m really pleased to have already found some synergies with Ida from the media analysis group.”

If you would like to become a member, please drop me a line: [ewa.hermanowicz\(at\)efi.int](mailto:ewa.hermanowicz@efi.int) Subscribe to our mailing list: <https://lists.iufro.org/mailman/listinfo/wp90102/>

Production Tables as a Tool to Support the Management of Maritime Pine

Report by Teresa De Jesus Fidalgo Fonseca, University of Trás-os-Montes and Alto Douro, Portugal, Coordinator of IUFRO Working Party 1.01.10 Ecology and Silviculture of Pine

A total of 108 participants from Portugal, Spain, UK, Brazil and India met virtually on 21 July 2020 to discuss “**The production tables as a tool to support the management of maritime pine**” (*As tabelas de produção como ferramenta de apoio à gestão do pinhal-bravo*, en Portuguese).

The webcast was supported by IUFRO Working Party 1.01.10 Ecology and Silviculture of Pine and hosted/sponsored by Centro PINUS (Associação para a Valorização da Floresta de Pinho), Universidade de Trás-os-Montes e Alto Douro.

Adequate forest management requires information on the silviculture of species and on tools that can support management decisions.

Centro PINUS has promoted the edition of publications that help the management of the species, including an original compilation of yield tables developed for maritime pine (*Pinus pinaster* Ait.) in Portugal: https://centropinus.org/files/2020/05/tabelas_producao_digital.pdf

This event aimed to present the above book and to highlight the importance of using stand tables and simulators to support the management of maritime pine (*Pinus pinaster* Ait.) in Portuguese forests.

During the Webcast, the use of yield tables was comprehensively demonstrated to promote and facilitate its use by the forest technicians. The meeting presented examples of the use of yield tables and of the forest simulator ModisPinaster. Case studies of pine forest management were showcased and shared with the audience.



Maritime pine stands (Tâmega's Valley, Portugal).

Photo by Teresa Fonseca

Forest managers can greatly benefit from the use of supporting tools such as yield tables, forest growth models and simulators. Growth and yield models allow forest managers to predict future yield, help to design more appropriate silvicultural models and support adequate management decisions. Communication of available tools to forest technicians, researchers and stakeholders is an important step in the overall process of improving the management of the forest resources and could bring additional benefits such as help on certification processes and on decision planning.

Future meetings were proposed, one for essaying the use of simulators and another, to be implemented in field, to test procedures of thinning prescription and tree selection.

The presentations are available in Portuguese at: <https://centropinus.org/pinus-webcast-as-tabelas-de-producao-como-ferramenta-de-apoio-a-gestao-do-pinhal-bravo/> Video (in Portuguese): <https://www.youtube.com/watch?v=6JVyLHNcl9g>

News from IUFRO HQ

IUFRO Directors' Forum

The IUFRO Directors' Forum (DF) discusses management related issues of IUFRO member organizations.

It brings together heads of forest research institutes and deans of forest faculties and provides a platform for the exchange and development of views on the management of forest research and strategic research priorities.

It is core topics such as these, among others, that require the attention of organization heads to adequately be addressed.



The management of the DF falls upon the coordinator elected at the IUFRO World Congress 2019 in Brazil, Peter Mayer (Austrian Research Centre for Forests, Austria) and his assistant on the DF, Daniel Boehnke of the IUFRO Headquarters.

We are happy to announce that a **cooperation agreement between IUFRO and the Austrian Research Centre for Forests** in support of the Directors' Forum has been signed in September 2020.

For any additional information please contact Daniel Boehnke at [boehnke\(at\)iufro.org](mailto:boehnke(at)iufro.org)

Alexander Buck (left) and Peter Mayer after signing the agreement (Photo IUFRO)

Bidding Adieu to Renate Pruessler

Networking is about making meaningful, lasting connections. This simple realization has been at the core of Renate Pruessler's outstanding service to IUFRO for almost three decades. On 30 September 2020 Renate will retire from her position as Senior Officer at IUFRO Headquarters and start a new chapter of her life. The manifold ways and means in which she has contributed to IUFRO and supported our collective work will be there for many years to come.

Professionally trained in terminology science and practice, Renate joined the IUFRO Secretariat in 1990 as a professional translator for French and Spanish. Realizing the large and ever increasing number of forestry terms and expressions across different languages – and the confusion and ambiguity which at times resulted from this development - Renate soon made it her mission to create a multi-lingual inventory of forest-related terms and definitions and to promote their harmonized use. She founded and coordinated IUFRO's SilvaVoc terminology project. The SilvaTerm database which resulted from this global effort constitutes an important asset for the IUFRO community and is still one of the most frequently used services on the IUFRO website.



Photo IUFRO

In pursuing this project, Renate exposed her unique qualities as a networker and gentle, but persistent promoter of science collaboration in IUFRO. In 2006, in addition to coordinating SilvaVoc, she was appointed as IUFRO HQ's focal point for communication with IUFRO's member organizations. Since 2010, Renate has been serving as Senior Officer responsible for strategic support and networking services, a position which she has held ever since.

Many of you will have met Renate on the occasion of IUFRO conferences and events. You will then have witnessed her open mind-set, her youthful spirit and creativity, her calm attitude even in the most hectic situations, her deep knowledge about IUFRO in all its parts, and her genuine passion overall for forest science and people. It is therefore no surprise that Renate will not fully retire from IUFRO; she will continue to be involved as Coordinator of Working Party 4.04.03 SilvaPlan.

Following a robust handing-over process during past weeks, Renate's tasks at IUFRO HQ will be taken over with some adjustments by Andre Purret who will serve as IUFRO Operations Manager from October 1st (see IUFRO News 8/9 2020).

The entire team at IUFRO HQ and I wish Renate the very best in this next stage of life! *Alexander BUCK, IUFRO ED*

News from IUFRO Members

Embrapa Florestas, Brazil: Young scientist develops low-cost dressing made from pine nanocellulose



Francine Claro, a chemist from Paraná, is one of the four finalists nominated by Brazil for the "Young Innovator of the BRICS" award, which will be presented during the 5th BRICS Young Scientist Forum, an integral part of the BRICS Summit Meeting (Brazil, Russia, India, China and South Africa). (Photo by Katia Pichelli)

The researcher competes with the result of her master's project, which studied and developed a low-cost dressing to treat wounds, especially burns. The membrane, made from pine nanocellulose, has a value that can be up to a thousand times cheaper than artificial fur currently available on the market, in addition to being produced from a renewable material, which is vegetal cellulose.

The study was part of the project "Bionanocomposites - Obtaining nanostructures from forest sources", an activity coordinated by Embrapa Florestas (Colombo/PR), and was carried out during the master's degree in Engineering and Materials Science at the Federal University of Paraná (UFPR), with the work being developed at the Wood Technology Laboratory of Embrapa Florestas, under the guidance of researcher Washington Magalhães. [Article in Portuguese](#)

U.S. Forest Service R&D News: Adaptive Silviculture for Climate Change

The Adaptive Silviculture for Climate Change (ASCC) project is a collaborative effort to establish a series of experimental silvicultural trials across a network of different forest ecosystem types.

Forest managers need robust examples of how to integrate climate change adaptation into silvicultural planning and on-the-ground actions.

The Adaptive Silviculture for Climate Change (ASCC) project is a collaborative effort to establish a series of experimental silvicultural trials across a network of different forest ecosystem types throughout the United States and Canada. Scientists, land managers, and a variety of partners have developed seven initial trial sites as part of this multi-region study to research long-term ecosystem responses to a range of climate change adaptation actions.

Linda Nagel, Coordinator of IUFRO 1.05.00 - Uneven-aged silviculture, is the ASCC Network Lead & Principal Investigator. About ASCC <https://www.adaptivesilviculture.org/about-asc>



Photo credit: Molly Roske

Publications

Join the Online Launch of the Global Assessment Report “Forests, Trees and the Eradication of Poverty: Potential and Limitations”

Edited by Daniel C Miller, Stephanie Mansourian and Christoph Wildburger. IUFRO World Series 39

Date: Thursday, 15 October 2020

Time: 4-5:30 pm CEST, Vienna, Austria

Language: English

Your registration link: <https://attendee.gotowebinar.com/register/9045009670393049104>

A new and most comprehensive scientific assessment presented by the Global Forest Experts Panel (GFEP) on Forests and Poverty reveals critical links between forests, trees and poverty alleviation. The report makes a valuable contribution to achieving the first and foremost of the United Nations' Sustainable Development Goals aimed at ending poverty. This is even more important in light of the current pandemic under which efforts to fight poverty have suffered a severe setback. The International Union of Forest Research Organizations (IUFRO), on behalf of the Collaborative Partnership on Forests (CPF), established the Panel in the framework of the GFEP Initiative.



Malawi forest landscape. Photo by Jennifer Zavaleta Cheek

Speakers

Moderator: Alexander BUCK, IUFRO Executive Director

Opening Remarks: Christoph WILDBURGER, IUFRO-GFEP Coordinator

Welcome Address: Hiroto MITSUGI, Assistant Director-General, FAO Forestry

Keynote Presentation: Daniel C MILLER, Panel Chair, University of Illinois at Urbana-Champaign, USA

Discussants:

Mónica GABAY, National University of San Martín, Buenos Aires, Argentina

Judith KAMOTO, Lilongwe University of Agriculture and Natural Resources (LUANAR), Malawi

Priya SHYAMSUNDAR, South Asian Network for Development and Environmental Economics (SANDEE), Nepal

IUFRO Spotlight #81: Developing evidence-based cases for planted forests

Plantation forests get a bad rap. That's the assessment of **Christophe Orazio**, who is Coordinator of the IUFRO Task Force on Resilient Planted Forests Serving Society and Bio-economy. But is this negative reputation justified? The Task Force explores the implications for the sustainability – including resilience, biological diversity and economic viability – of planted forests in the context of changing climate, the increasing demand for forest products from a growing global population and the emerging markets of the bio-economy.



Photo IEFC

Read here: <https://www.iufro.org/media/iufro-spotlights/developing-evidence-based-cases-for-planted-forests/>

In the context of plantation forestry, **Hervé Jactel**, Director of INRAE, France and IUFRO officeholder, published an article in the French newspaper “Le Monde” entitled “*Les forêts de plantations possèdent la plupart des attributs des forêts dites naturelles*”. Click [HERE](#) to read the French article!

IUFRO Spotlight #82: More local involvement one key to FLR success

A recent survey paper: Forest Landscape Restoration – What Generates Failure and Success, shows that failing to involve local stakeholders and-or a mismatch between goals of local communities and restoration managers, as well as environmental, anthropogenic and technical barriers to tree regeneration can be major obstacles to success. Several members of the IUFRO Task Force (TF) entitled Transforming Forest Landscapes for Future Climates and Human Well-being developed the paper. It summarizes the information provided in a global online survey on experiences with forest restoration and adaptation.



Photo Michael Kleine

Read here: <https://www.iufro.org/media/iufro-spotlights/>

Hot off the Press: Division 6 Newsletter

<https://www.iufro.org/science/divisions/division-6/60000/>
Read a message from the Coordinator Cecil C. Konijnendijk van den Bosch, learn about D6 activities, discussions during the 59th Enlarged IUFRO Board Meeting and more!

Poplars and Willows - Science Briefs

IUFRO Working Party 2.08.04 Poplars and willows started an exemplary series of science briefs, which are two-page summaries of recent research activities. Two of these briefs have already been published, more are in the pipeline.

Find both science briefs here:

<https://www.iufro.org/science/divisions/division-2/20000/20800/20804/publications/>

Science Brief

Root Biomass and Architecture of Hybrid Aspen ‘Crandon’
Headlee, W.L., Zalesny, R.S. Jr., and Hall, R.B. 2019. Coarse root biomass and architecture of hybrid aspen ‘Crandon’ (*Populus alba* L. × *P. grandidentata* Michx.) grown in an agroforestry system in central Iowa, USA. *Journal of Sustainable Forestry*. 38(1), 18–30.

Science Brief

Genotype x Environment Interactions and Biomass Production of Poplars in the Midwest

Zalesny, R.S. Jr., Hall, R.B., Zalesny, J.A., McMahon, B.G., Berguson, B.E., and Stanosz, G.R. 2009. Biomass and genotype × environment interactions of *Populus* energy crops in the midwestern United States. *BioEnergy Research*. 2(3): 106-122.



Photo from Science Brief: Harvested hybrid poplars grown for biomass production

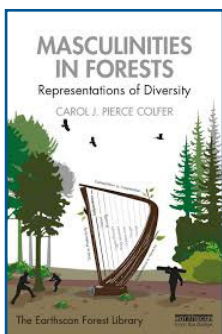
Masculinities in Forests: Representations of Diversity

<https://www.routledge.com/Masculinities-in-Forests-Representations-of-Diversity/Colfer/p/book/9780367417000>

By Carol Colfer

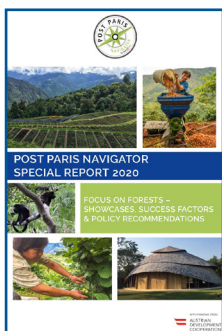
The book (*Earthscan from Routledge 2020*) demonstrates the wide variability in ideas about, and practice of, masculinity in different forests, and how these relate to forest management. Carol Colfer, now a senior associate at the Center for International Forestry Research (CIFOR) and a visiting scholar in the Cornell University Southeast Asia Program, shares her personal perspective to better elaborate reflections on 50 years of research into gender and forests. Carol Colfer was also an active IUFRO officeholder for many years.

Also read: <https://forestsnews.cifor.org/67062/men-in-forests-new-book-shatters-stereotypes?fnl=en>



**Post Paris Navigator Special Report
Focus on Forests – Showcases, Success Factors & Policy Recommendations**

In the context of the Post Paris Navigator initiative of the Schwarzenegger Climate Initiative, supported by the Austrian Development Agency, projects were collected which benefit both climate and people in developing and emerging countries. Each of the project examples presented in the report discusses local impacts and benefits as well as important enabling factors.



Responsible plantation management in South Africa

One of the projects presented in the report is the WWF-Mondi Water Stewardship Partnership. Both WWF and Mondi are partners of IUFRO and IUFRO has been instrumental in raising awareness on this particular project. The partnership brings together key stakeholders from business, government, local communities and environmental organizations which have a shared interest in landscape stewardship and social-ecological resilience.

Download the report here: <https://www.schwarzeneggerclimateinitiative.com/images/pdf/SpecialReport2020.pdf>

More about the Post Paris Navigator:

<https://www.austrianworldsummit.com/navigator>

MSU Researcher Poses the Question – What is the Future of the Amazon Forest?

Scott Stark, Assistant Professor in Michigan State University’s Department of Forestry (IUFRO Member Organization), together with a Brazilian and international team of scientists published a study in *Ecosphere* entitled **Reframing tropical savannization: linking changes in canopy structure to energy balance alterations that impact climate**

<https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecs2.3231>

Read the related news article:

<https://www.canr.msu.edu/news/msu-researcher-poses-the-question-what-is-the-future-of-the-amazon-forest>

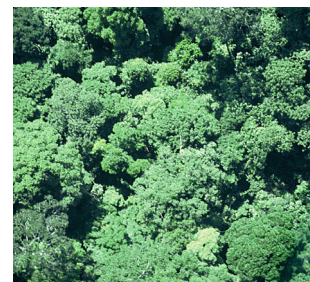


Photo IUFRO

IUFRO Conference Proceedings

Sixth International Casuarina Workshop: Casuarinas for green economy and environmental sustainability

<https://www.iufro.org/publications/proceedings/proceedings-meetings-2019/#c28379>

21-25 October 2019, Krabi, Thailand

Research Unit(s): 2.08.02, Task Force Forest Biomass Network
Author(s): Maliwan Haruthaithanasan, Khongsak Pinyopusarker, Abel Nicodemus, David Bush, Lex Thomson (eds.)

Publication year: 2020; Page(s): 319;

ISBN: 978-616-278-583-2

Journals and Paper Invitations

Forest Policy and Economics Remains Q1 Journal in Multiple Categories

The journal *Forest Policy and Economics* (Elsevier) edited by Lukas Giessen of EFI Bonn and Coordinator of IUFRO 9.05.00 - *Forest policy and governance*, has reached an Impact Factor (2019) of 3.139. The similar 2019 Cite Score is 5.7! Hence, the journal is ranking 6 of 68 in the category Forestry, 39 of 123 in Environmental Studies, and 56 of 371 in Economics.

More metrics: <https://journalinsights.elsevier.com/journals/1389-9341>

Congratulations to the editorial team and advisory board: <https://www.journals.elsevier.com/forest-policy-and-economics/editorial-board>

Under the new, peer-reviewed & citable article category of **Commentaries** the journal welcomes short (up to ca. 3000 words) pieces as either Research Trends, Science Critiques, or more practical Policy Forum articles. For details see full aims and scope: <https://www.journals.elsevier.com/forest-policy-and-economics>

Paper Invitation for Special Issue of Forests: Broadleaved Tree Species Genetic Resource Management and Conservation Techniques

The guest editors, Dr. Fulvio Ducci, Dr. Alberto Santini and Prof. Dr. Tore Skrøppa, would like to invite you to contribute a paper focused on *Broadleaved Tree Species Genetic Resource Management and Conservation Techniques*.

Submission deadline:

20 May 2021

Website: https://www.mdpi.com/journal/forests/special_issues/broadleaved_genetic

For further details on the submission process, please see the instructions for authors at the journal website: <http://www.mdpi.com/journal/forests/instructions>



Photo by Susanne Jutzeler, Pixabay

Paper Invitation for Special Issue of Forests: Spatial Decision Support for Forest Management and Policy

Deadline for submitting manuscript proposals:

30 October 2020

You are invited to submit manuscript proposals to a special issue entitled *Spatial Decision Support for Forest Management and Policy*. Guest editors are Dr. Keith M Reynolds, Dr. Paul F Hessburg, Prof. Jose Borges and Prof. Harald Vacik.

For further information, please contact Dr. Reynolds:

<keith.reynolds2(at)usda.gov>

Please submit proposals to Dr. Reynolds, including the proposed title of the manuscript, an initial (tentative) list of authors, including names, affiliations, and email addresses, and a brief abstract of 100 to 200 words.

Paper Invitation for Frontiers Research Topic: Wildfire Management and Decision Support

This Research Topic aims to bring together multidisciplinary expertise on wildfire management and forest ecosystem management to report state-of-the-art research that may help address this challenge. This Research Topic is sponsored by IUFRO Unit 4.04.04 -Sustainable Forest Management Scheduling. Authors are encouraged to present their work at the 19th Symposium on Systems Analysis in Forest Resources (SSAFR 2021) to be held in Estes Park, Colorado on August 8-11, 2021.

Find out more: <https://www.frontiersin.org/research-topics/15410/wildfire-management-and-decision-support>

Paper Invitation for Special Issue of Forests: Systematic Methods and Techniques Applied to Forestry and Land Use Management

Deadline for manuscript submissions: 20 January 2021.

Guest editors: Dr. Gillian Petrokofsky Department of Zoology, University of Oxford; Dr. Sini Savilaakso, Department of Forest Sciences, University of Helsinki.

This Special is focused on systematic approaches to evidence synthesis in the area of forest management, restoration, ecology, economics, genetics, engineering, bioenergy, soils, recreation, conservation, human dimensions of forests, urban forests, and related land use management. Manuscripts should be submitted online at www.mdpi.com by registering and logging in to this website. Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). For more information, please contact:

Gillian Petrokofsky, gillian.petrokofsky@zoo.ox.ac.uk

Paper Invitation for Special Issue of Forests: Silviculture and Management of Boreal Forests

The deadline for manuscript submission is April 4, 2021.

Guest editor Phillip G. Comeau, Department of Renewable Resources, University of Alberta, Edmonton, Canada, invites you to contribute to this issue, which aims to document recent advances in silviculture and management of boreal forests with particular emphasis on managing boreal forests for a broad range of services and adaptation to climate change.

Additional information, author instructions and the link for paper submission are available at: https://www.mdpi.com/journal/forests/special_issues/Silviculture_Management_Boreal_Forests

Awards

Wangari Maathai Forest Champions Award 2021 - Deadline Extended to 15 October 2020

The Collaborative Partnership on Forests (CPF) is awarding one extraordinary individual for improving our forests and the lives of people who depend on them! In 2021, the CPF will award one individual for her/his outstanding achievements for forests during the XV World Forestry Congress (24-28 May 2021, Seoul, Korea).

Find out more by clicking [HERE!](#)



Nominate Landscape Heroes by 5 October!

The Global Landscapes Forum is calling for nominations for its annual Landscape Heroes competition, which highlights and honors valuable local efforts to protect landscapes and biodiversity. Winners will be announced during the Biodiversity Conference "One World-One Health". Find out more [HERE!](#)

Climate 2021 Travel Awards

Deadline 30 November 2020

This prize provides financial support for the winners to attend an international conference held in 2021 focusing on climate processes of the earth. The applicant is expected to hold a presentation, present a poster, or both at the conference. The applications will be assessed by an Evaluation Committee chaired by the Editor-in-Chief, Dr. Steven McNulty. Applicants must be postdoctoral fellows or PhD students involved in climate related sciences and education, broadly defined as any discipline covered within the Climate.

Application link: <https://www.mdpi.com/journal/climate/awards/1066>

Bringing Climate Policy to the Youth

Policy scientist **Helga Pülzl** of the University of Natural Resources and Life Sciences (Boku), Vienna, and *Coordinator of IUFRO 9.05.01 - Bioeconomy policy*, has been nominated by the Austrian newspaper "Die Presse" to become "Austrian of the year" in the category entitled "Climate Initiative". She has started the "Vienna Climate Games" initiative to help young people to better understand different climate policy interests.

Online voting is possible until 4 October:

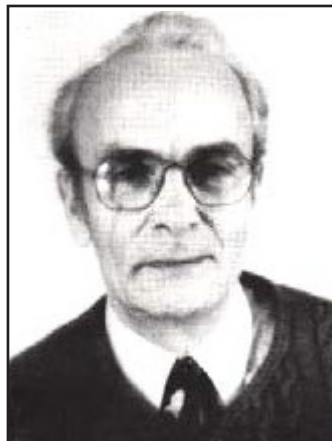
<https://boku.ac.at/news/newsitem/60586>

Obituary

Prof. Hans-Friedrich JOACHIM

We are sad to inform you that Prof. Hans-Friedrich Joachim passed away at the age of 95.

Professor Joachim, who was a Member of the IUFRO Board from 1991 to 1995, received the IUFRO Distinguished Service Award for his outstanding contributions to IUFRO activities, in particular to the IUFRO Centennial Meeting in Eberswalde in 1992.



At the beginning of the 1950s, Dr. Joachim laid the foundation for an ecologically oriented poplar industry. In 1953 he obtained his Ph.D. and became a leader of the ecological poplar research unit in Eberswalde, Germany. He habilitated in 1964 at the Tharandt Forestry Faculty of Dresden Technical University and also lectured at the Eberswalde Forestry Academy (now Hochschule für nachhaltige Entwicklung Eberswalde).

We offer our sincere condolences to his family and friends!

We invite you to read more about Prof. Joachim in the IUFRO publication on [Distinguished Service Award](#) recipients.

Positions

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

Post-doctoral Researcher for Functional Genomics of Forest Trees

Deadline: 11 October 2020 or until filled

The Faculty of Resource Management at the University of Applied Sciences and Arts Hildesheim/Holzminden/Göttingen (Germany) is inviting applications for a position of Post-doctoral researcher for Functional Genomics of Forest Trees, to be filled at the earliest possible date for a period of 3 years.

Details: <https://www.iufro.org/fileadmin/material/discover/nb-hawk-job-Announcement-Functional-Genomics-For-est-Trees.pdf>

Ph.D. Graduate Research Assistantship in Forest Management and Economics

Closing date not indicated

One graduate research assistantship for the Ph.D. in Forest Management and Economics is available in the Department of Forestry at Mississippi State University.

Details: https://www.iufro.org/fileadmin/material/discover/nb-mississippi-state-PhD_Assistantship_in_Forest_Economics_Spring_2021.pdf

Postdoctoral Researcher in Modeling Impacts of Catastrophic Wind Disturbances

Deadline not indicated

The Warnell School of Forestry and Natural Resources at the University of Georgia, Athens, invites applications from highly motivated and enthusiastic potential postdoctoral researchers starting in Fall 2020. This collaborative work will be conducted with Dr. Kamal J.K. Gandhi and Dr. Cristian Montes (both at Warnell School), and Dr. JT Vogt (USDA Forest Service, Southern Research Station). Details: https://cd54fa7d-d2d5-4677-b3cd-34fb54b87b28.filesusr.com/ugd/d919f4_2e-200c34a43e435584e8b303b892bec5.pdf

Webinars and Online Courses

Online Lecture Series on Forest Roads

[Working Party 3.01.02 Forest Roads](#) starts an online lecture series of entitled 'Regional perspectives on the state of forest road design, construction, and maintenance'. Lectures will take place every two months starting in September and lasting until June 2021.

1 Forest Roads in Western North America

Live ZOOM: Tuesday, Sep29, 2020.

Time: 9:00am to 10:00 am PDT, 16:00 to 17:00 UTC

Dr. C. Kevin Lyons, Wes Lematta Professor of Forest Engineering, Oregon State University

Find out more [HERE!](#)



Photo from Flyer

Webinar Series on Behavioral and Chemical Ecology of Forest Insects

In light of the current pandemic, many scientific meetings have been cancelled. One of the most significant benefits of these meetings is our engagement with our science and colleagues.

Recently the IUFRO Working Party 7.03.16 was launched and we announce a webinar series to promote both the new Working Party and the importance of the behavioral and chemical ecology of forest insects, while providing a platform for these research communities to engage and network.



By Foto-Rabe on Pixabay

The webinar series is co-hosted by the Forestry and Agricultural Biotechnology Institute, University of Pretoria, the Institute for Forest Entomology, Forest Pathology and Forest Protection, BOKU, the Universidad de la República, Uruguay and the Canadian Forest Service. This webinar series has five talks covering a wide range of topics related to behavioral and chemical ecology of forest insects. These virtual seminars are open to all registered participants.

(September 17 - Insect olfaction in the forest)

October 1:

Ecology of bark and ambrosia beetle fungus symbioses

October 15:

Predator-prey and host-parasitoid interactions

October 29:

Chemically mediated plant-herbivore-microbe interactions in forests

November 12:

Behavioral and chemical ecology of *Sirex noctilio*

Register here: https://www.fabinet.up.ac.za/index.php/event/IUFRO_WP_7.03.16

Join Ban Ki-moon and Mary Robinson in webinar: Transformations within reach

Tuesday, 29 September 2020, 15:00 – 16:00 CEST

The International Science Council (ISC), of which IUFRO is a member, the International Institute for Applied Systems Analysis (IIASA) and the Permanent Missions of Norway and South Africa to the United Nations cordially invite you to join an interactive discussion as part of the 75th United Nations General Assembly side events.

More information: <https://council.science/events/transformations-within-reach/>

Forestry Non-credit Online Courses

The Michigan State University Department of Forestry is of-

fering non-credit course options for individuals interested in online, self-paced learning: <https://www.canr.msu.edu/for/continuing-education/>

IUFRO Meetings

For a full list of meetings go to our online calendar at <https://www.iufro.org/events/calendar/current/>
Find non-IUFRO meetings on the IUFRO Noticeboard at <https://www.iufro.org/discover/noticeboard/>
Search forest-related events in GFIS at <https://www.gfis.net>

2-4 Jun 2021 (new dates)

Socio-Ecological Conflicts in Forest Management: Risks of (Not) Adapting?

Nancy, France

IUFRO [4.04.07](#)

Contact: Rasoul Yousefpour,

rasoul.yousefpour(at)ife.uni-freiburg.de

Marielle Brunette, marielle.brunette(at)inrae.fr

<https://workshop.inrae.fr/iufro-risk-analysis-nancy/>

6-9 Jun 2021 (new dates)

COFE - FORMEC 2021 Joint Meeting: Forest Engineering Family – Growing Forward from Our Roots

Corvallis, Oregon, USA

IUFRO [3.00.00](#)

Contact: Woodam Chung, woodam.chung(at)oregonstate.edu

Karl Stampfer, karl.stampfer(at)boku.ac.at

<https://cofe-formec2020.org/>

16-20 Aug 2021 (new dates)

2021 IBFRA Conference: Changing Boreal Biome – Identifying emerging trajectories and assessing vulnerability and resilience of boreal ecosystems and their socio-economic implications

Fairbanks, Alaska, United States

IUFRO [1.01.08](#)

IUFRO [8.01.06](#)

Contact: IUFRO Headquarters, office(at)iufro.org

<https://sites.google.com/alaska.edu/ibfra2021/>

Session 12: Ecology and silviculture of spruce in the boreal forest https://sites.google.com/alaska.edu/ibfra2021/sessions#h.p_Fh2Vu8kr5vyT

23-26 Aug 2021 (new dates)

4th World Teak Conference 2020

Accra, Ghana

IUFRO [5.06.02](#)

Contact: P. K. Thulasidas, thulasidas(at)kfri.org

<https://www.worldteakconference2020.com/>

20-24 Sep 2021 (new dates)

7th IUFRO International Workshop on the Genetics of Tree-Parasite Interactions in Forestry Understanding forest tree-antagonistic interactions in a changing world

Pontevedra, Galicia, Spain

IUFRO [2.02.15](#)

IUFRO [2.02.20](#), IUFRO [7.02.05](#), IUFRO [7.02.09](#), IUFRO [7.03.11](#)
Contact: Richard A. Sniezko, richard.sniezko(at)usda.gov
<https://www.iufro.org/fileadmin/material/science/divisions/div2/20215/pontevedra20-1st-announcement.pdf>

22-24 Sep 2021 (new dates)

Natural Resources, Green Technology and Sustainable Development/4 - GREEN2020

Zagreb and Jastrebarsko, Croatia

IUFRO [5.00.00](#), IUFRO [8.00.00](#), IUFRO [9.00.00](#)

Contact: Maša Zorana Ostrogović Sever, masao(at)sumins.hr
<https://www.sumins.hr/green2020/>

Mark your calendar!

24-26 Sep 2021

IUFRO Regional Conference

Sustaining the Forests of Russia and Eurasia: Management, Innovation, Conservation and Restoration

Moscow, Russian Federation

Contact: Vladimir Valentinovich Nikitin, nikitinvv(at)bmstu.ru
<https://mf.bmstu.ru/info/science/conf/2021/iufro/eng>



This IUFRO regional conference, organized in collaboration with IBFRA and IFSA, will bring together scientists, educators and students from throughout Russia, countries of the Central and Northeast Asia region, and around the world to share their knowledge and expertise related to innovative management of the region's forests and the restoration of healthy, productive and sustainable forest landscapes.

26-30 Sep 2021 (new dates)

IUFRO – Extension & Knowledge Exchange 2020 Conference

Asheville, North Carolina, United States

IUFRO [9.01.03](#)

Contact: William Gary Hubbard, whubbard(at)umd.edu
<https://conferences.coned.ncsu.edu/eke2021/>

11-15 Oct 2021

16th Conference of IUFRO Working Party 7.02.01 “Root & Stem Rots”

Xalapa, Mexico

IUFRO [7.02.01](#)

Contact: Jonas Rönnberg, Jonas.Ronnberg(at)slu.se
<https://www.iufro.org/fileadmin/material/science/divisions/div7/70201/xalapa21-save-the-date.pdf>

13-15 Oct 2021 (new dates)

International Conference on Wood Adhesives

Portland, OR, United States

IUFRO [5.00.00](#)

Contact: Fatima Charrier-El Bouhtoury, fatima.charrier(at)univ-pau.fr

<http://woodadhesives.forestprod.org/>

1-4 Mar 2022 (new dates)

Acid Rain 2020: The Future Environment and Role of Multiple Air Pollutants, 10th International Conference on Acid Deposition

Niigata City, Japan

IUFRO [8.04.01](#), IUFRO [8.04.03](#), IUFRO [8.04.06](#)

Contact: Hiroyuki Sase, sase(at)acap.asia

<https://www.acidrain2020.org/>

Other Meetings

‘Planetary Emergency’ - UN Marked its 75th Anniversary

On 21 September 2020, the UN marked its 75th anniversary with a one-day high-level meeting during the 75th session of the UN General Assembly. The theme for this event was: **‘The Future We Want, the UN We Need: Reaffirming our Collective Commitment to Multilateralism’**.

On this occasion a video was launched highlighting the plight of our ‘Planetary Emergency’: https://www.youtube.com/watch?v=xVWHuJOmaEk&feature=emb_logo

Coverage of the event:

<https://news.un.org/en/story/2020/09/1072832>

28-29 Oct 2020

Global Landscapes Forum (GLF) Biodiversity Digital Conference: ‘One World – One Health’

Contact: Melissa Angel, m.kayeangel(at)cgia.org

<https://events.globallandscapesforum.org/biodiversity-2020/>



IUCN Congress postponed again due to COVID-19!

The Congress will not take place in January 2021. New dates for the event will be announced in due course:

<https://www.iucncongress2020.org/newsroom/postponement-information>

24-28 May 2021

XV World Forestry Congress: “Building a Green, Healthy and Resilient Future with Forests”

Seoul, Republic of Korea

Organized by Korea Forest Service, Rep. of Korea (KFS); Food and Agriculture Organization of the United Nations (FAO)

The **deadline** for submitting abstract for papers and posters has been **extended to 5 October 2020!**

The **deadline** for submitting videos has been **extended to 18 November 2020**. <https://wfc2021korea.org/index.html>

