

Progress in Small-scale Forestry Beyond the Pandemic and Global Climate Change

Interview with Christoph Hartebrodt and Ryoko Ishizaki, [IUFRO Research Group 3.08.00 Small-scale forestry](#), and Ikuo Ota, Chair of the Organizing Committee for the [“Small-scale Forestry International Conference 2022”](#) in Okinawa, Japan

Family, community, and other small-scale forests play a crucial role in the wider society. For many forested countries, they significantly contribute to the economy through forest-based businesses, providing rural livelihoods and ecosystem services. IUFRO has a very active Research Group (RG) dedicated to small-scale forestry research.

From 26 to 31 October 2022, the RG hosted the “Small-scale Forestry International Conference 2022” in Okinawa, Japan, together with the University of the Ryukyus, and the Japanese Forest Economic Society, and in cooperation with IUFRO RG [9.06.00 Forest Law and Environmental Legislation](#).

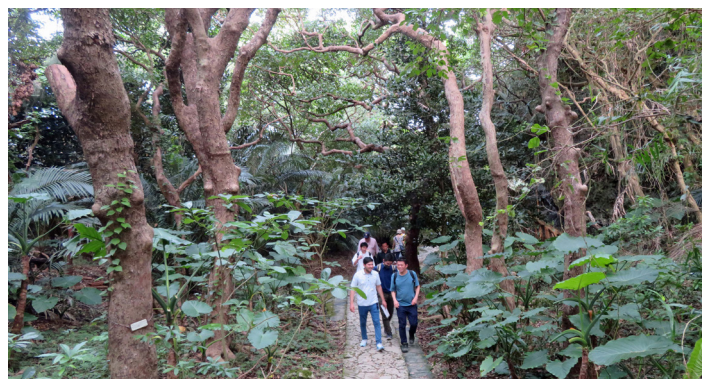


Photo by Ikuo Ota

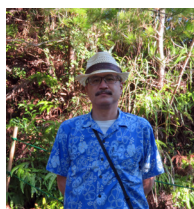


Dr. Christoph Hartebrodt is the Coordinator of IUFRO’s Small-scale Forestry RG and works at the Department of Forest Economics and Management, Forest Research Institute Baden-Württemberg (FVA), Freiburg im Breisgau, Germany.



Dr. Ryoko Ishizaki is a Deputy Coordinator of IUFRO’s Small-scale Forestry RG, the Chair of the Scientific Committee for the “Small-scale Forestry International Conference 2022” in Okinawa, and also a member of the Organizing Committee for the conference. She works in the Department of Forest

Policy and Economics at the Forestry and Forest Products Research Institute (FFPRI) in Ibaraki, Japan.



Dr. Ikuo Ota is the Chair of the Organizing Committee for the “Small-scale Forestry International Conference 2022” in Okinawa, Japan and works as a professor of forest policy at the University of the Ryukyus, Japan. He is a former Deputy Coordinators of IUFRO’s Small-scale Forestry RG.

[Click for conference details!](#)

IUFRO Research Group 3.08.00 Small-scale forestry

Coordinator: Christoph Hartebrodt, Germany
Deputies: Brett Butler, United States; Teppo Hujala, Finland; Ryoko Ishizaki, Japan; Spela Pezdevsek Malovrh, Slovenia

The purpose of the [IUFRO Unit 3.08.00 Small-Scale Forestry](#) is to exchange information on research problems, ongoing research efforts and research results related to the management of small-scale non-industrial private forest woodlots.

Dr. Hartebrodt, you are the Coordinator of IUFRO’s Small-scale Forestry RG. What do you think makes this group unique?

Hartebrodt: We share the basic recognition that “if you want to understand forestry, look at people, not at trees.” This people-oriented approach is emphasized not only in our research but also in the activities of our group. We believe that bonds based on mutual understanding and trust are crucial to successful group activities. I think this is what makes our group unique. This philosophy is reflected in the fact that we have held research conferences almost every year since our group was founded in 1986. Besides sharing research findings during the scientific sessions, we have also placed emphasis on excursions to see the sites together, understand the context and then discuss the ideas.

Have there been any significant changes in the RG since its founding in 1986?

Hartebrodt: Yes. The group’s activities have developed significantly over its thirty-six years of history. The topics have changed substantially over the years. At the beginning issues of forest management and managerial economics were dominant. Over the years the focus has shifted to social and behavioral issues.

In 2002 a scientific journal emerged from our group’s discussions and since 2007 “Small-scale Forestry” has been published by Springer. A large number of high-quality peer-reviewed articles on small-scale forestry have been published in this journal.

Since 2008 the Brandl Award, named after Professor Helmut Brandl, founder of the IUFRO Small-scale Forestry Group and a leading scholar of private forest policy in Germany, has been presented occasionally to honor and thank those who have

made significant contributions to small-scale forestry research and the group's activities.

More recently, the impact of social distancing required by COVID-19 was particularly significant for your group, wasn't it?

Hartebrodt: Exactly. Unfortunately, our proud tradition had to experience a temporary interruption due to the COVID-19 pandemic. In 2020 we had to take the decision to cancel our planned conference in Kilkenny, Ireland. This was a very hard decision. In February 2021 we decided to hold our first online meeting. We believe that this new conference format was a significant challenge for us but has delivered very fruitful outcomes, indeed. Nevertheless, the desire was unquenchable to have an opportunity for researchers from diverse countries to share time and space for face-to-face discussions, so we were truly delighted to be able to hold a fully face-to-face conference again in Okinawa, Japan.

Dr. Ishizaki, you became a Deputy Coordinator of IUFRO's Small-scale Forestry RG in 2019. How do you feel about the activities of your group during the COVID-19 pandemic?

Ishizaki: I feel that there were both positive and negative impacts. On the one hand, perhaps the most positive impact has been the widespread use of online meetings, which has made it possible for international meetings to be held without high travel expenses for the participants. On the other hand, it may have also made us realize that online meetings are not quite able to achieve the same quality of interaction as face-to-face communication.

In addition, there is the issue of time zones. For me it was very tough to attend the meetings held late at night Japan time. For research gatherings like ours, which share a large number of studies from many countries, I feel that the traditional face-to-face format has definite advantages.

The [Small-scale Forestry International Conference 2022](#) took place in Japan in October. Can you give a brief overview of the main issues discussed at the conference?

Ishizaki: The theme for this conference was "Progress in Small-scale Forestry beyond the Pandemic and Global Climate Change". In the past three years, preexisting problems such as climate change have become more serious, and the circumstances surrounding small-scale forestry have changed greatly amid the COVID-19 pandemic and the recent upheavals caused by the wider global situation. The conference featured 55 presentations, including two keynote speeches, discussing these issues.



Photo by Ikuo Ota

A public symposium was also held during the conference, which was well attended by the general public. The symposium focused on the Yambaru region of Okinawa, where forests used by people for centuries were designated as a World Natural Heritage site in 2021. During the post-conference excursion that started the next day, participants visited Yambaru and exchanged opinions about forests, people's lives, and forestry.

This offered a wide range of discussion points with colleagues from the IUFRO 9.06.00 Forest Law and Environmental Legislation Research Group, who cooperated with our RG for this conference.

Dr. Ota, you are the Chair of the first face-to-face RG conference in three years held in Okinawa, Japan. How do you feel now that the conference is over?

Ota: Organizing this conference was a big challenge for us. There were too many uncertainties related to the COVID-19 pandemic at the time we launched the conference website a year ago. The easing of entry restrictions in Japan proceeded rather slowly. By the end of July 2022, when we made our final decision to hold the event in person, visas and behavior management during the stay were required for every foreigner to enter Japan. These entry restrictions were finally eased in mid-October, just two weeks before the conference started. When I observed the lively atmosphere and saw the happy expression on each participant's face during the conference, I was truly glad that we had taken on this challenge.

Was there any special intention behind the choice of Okinawa, a subtropical island in Japan, as a venue?

Ota: Okinawa is located in the southernmost part of Japan and has a unique culture and history. While it has experienced some difficulties and still faces challenges, the smiles of its people are welcoming and attract visitors to the area. There is an Okinawan saying, "Ichariba chohdeh", which means that once you meet someone, you all are brothers and sisters. I think Okinawa was the perfect place for the restart of a gathering of old and new siblings after three years of absence.

Finally, could you say a few words about the future activities of the Small-scale forestry Research Group?

Hartebrodt: Starting with the success of this conference, we hope to continue to develop the group's activities by hosting further conferences and publishing journals, while carrying on the philosophy that has guided us since our founding. We are always open to new participants with diverse interests. We hope to see you at our next meeting!

Thank you, Dr. Hartebrodt, Dr. Ishizaki and Dr. Ota!

REDD+ and Forest Landscape Restoration (FLR): Stakeholder Views and Potential Synergies

IUFRO held a hybrid session on 11 November 2022 at the Global Landscapes Forum (GLF) alongside COP27 in Sharm El-Sheik, Egypt.

Speakers *Stephanie Mansourian* (IUFRO/Consultant), *Pablo Pacheco* (WWF/IUFRO-WFSE), *Michael Kleine* (IUFRO-SPDC) and *Nathália Nascimento* (University of São Paulo) highlighted linkages between REDD+ and FLR and shared insights on stakeholder views. Discussions were based on the recent publications

“[Forest, Climate, Biodiversity and People: Assessing a Decade of REDD+](#)” and “[A Decade of REDD+: Stakeholder Perceptions of its Implementation](#)”.

The session was moderated by *Nelson Grima* (IUFRO-GFEP) and can be rewatched at:

[REDD+ and Forest Landscape Restoration: Stakeholder Views and Potential Synergies - YouTube](#)

Stephanie Mansourian summarized the relationship between REDD+ and FLR in three key messages: 1) FLR includes all five REDD+ activities (reducing deforestation; reducing forest degradation; forest conservation; sustainable forest management; carbon stock enhancement); 2) Both FLR and REDD+ are much more than just climate change mitigation mechanisms. 3) Understanding and valuing lessons from FLR and REDD+ experiences can help improve both mechanisms.

As *Pablo Pacheco* emphasized, nature loss contributes to climate change and climate change puts additional pressure on nature. The need to achieve global climate targets has increased the urgency to halt forest loss and scale up forest res-



Session screenshot

toration. Both REDD+ and FLR frameworks offer opportunities and can complement each other in this attempt, but for both to be successful, a strong engagement of local stakeholders in leading the implementation on the ground is important.

To strengthen the engagement of local stakeholders in FLR activities, IUFRO’s Special Programme for Development of

Capacities (SPDC) piloted a training program for FLR facilitators. *Michael Kleine* explained that their main task is to assist local communities and stakeholders in their consultations, joint planning and implementation of restoration activities across different land uses. He underlined the importance of having people who are trusted by the local population and stakeholders drive the communication process to co-develop solutions regarding restoration in a particular landscape.

Nathália Nascimento stressed the need to go beyond carbon with REDD+ and forest landscape restoration and consider their co-benefits such as biodiversity, ecosystem services, food and water security, and also the sacred values of forests in any specific context, taking into account the different history and situation of local people. Furthermore, to ensure that traditional communities and smallholder farmers benefit, it is essential to strengthen governance and increase transparency.

Download: [Session flyer](#)

IUFRO-GFEP: <https://www.iufro.org/science/gfep/>

IUFRO-SPDC: <https://www.iufro.org/science/special/spdc/>

IUFRO-WFSE: <https://www.iufro.org/science/wfse/>

The Smart Panel Production Plant

Report by *Louis Denaud*, Coordinator of IUFRO Working Party 5.04.08 [Sawing, milling and machining](#), and Working Party members

The continuous production of wood-based panels involves systems that effectively transform tons of raw material into a certified product. This is achieved through the management of feedstock quality, the quick identification and resolution of technical issues, and the continuous monitoring of product characteristics, which ensure the final product meets the product requirements.



For these reasons, a smart panel production plant is fully equipped with non-destructive sensors able to identify problems and measure material properties quickly and effectively. In this IUFRO 5.04.08 seminar on 19 October 2022, the non-destructive sensor network of a wood-based production plant was discussed. The event attracted 61 participants from diverse countries and was kindly supported by the Arts et Métiers Institute of Technology, Cluny, France.

Watch the webinar titled “Non-destructive Technologies for the Monitoring of the Wood-based Panel’s Industry” at:

<https://youtu.be/gpPNISnRico>

Photo: *Massimo Bergonzini*, IMAL Electronic Department Manager,

<https://www.imalpal.com/it/>

Effects of Multicollinearity in Model-based Inference

Report by Bianca N.I. Eskelson, Coordinator of IUFRO Research Group (RG) [4.01.00 Forest Mensuration and Modelling](#)

This edition of the IUFRO RG 4.01.00 “Forest Mensuration and Modelling Chats” focused on “Effects of multicollinearity in model-based inference”. It was presented on 24 October and attracted 20 participants from a wide range of countries and was kindly hosted by the University of British Columbia. The webinar series is meant to highlight forest mensuration and modelling research across a variety of research areas and allow for scientific exchange across the globe.

Dr. Svetlana Saarela, researcher at the Faculty of Environmental Sciences and Natural Resource Management (MINA) of the Norwegian University of Life Sciences (NMBU) talked about the effects of multicollinearity on model-based prediction accuracy and precision. She provided a brief overview of the existing literature on this topic and presented the results of a simulation study. The study showed that multicollinearity does not affect the precision of predictors when the mean values of explanatory variables in the datasets used for model



Screenshot from Dr. Saarela's presentation

estimation and application are the same. However, with large differences between the mean values in the two datasets, the effects of multicollinearity were found to be substantial, especially for negatively correlated explanatory variables.

The study manuscript is currently under review with *Silva Fennica*: Saarela, S., Holm, S., Healey, S.P., Patterson, P.L., Yang, Z., Duncanson, L.I., Armston, J.D., Kellner, J.R., Gobakken, T., Næsset, E., Ekström, M., Dubayah, R.O. & Ståhl, G. (in review). Effects of multicollinearity in model-based inference for aboveground biomass using NASA's GEDI and Landsat missions.

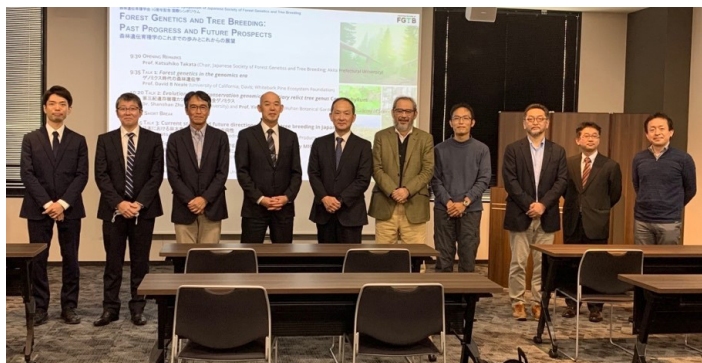
Find video recordings on the [homepage of RG 4.01.00](#).

Forest Genetics and Tree Breeding: Past Progress and Future Prospects

Report by Yoshihiko Tsumura, Coordinator of IUFRO Working Party [2.02.23 Breeding and genetic resources of Asian conifers](#)

This international symposium on 12 November 2022 was held as the 10th Anniversary International Symposium of the Japanese Society of Forest Genetics and Tree Breeding.

Meeting website: <https://fgtb10th.jp/>



Group photo with two Japanese speakers and committee members of this symposium. Credit: Japanese Society of Forest Genetics and Tree Breeding

In this online meeting 98 participants from 7 countries discussed the past progress and future prospects of forest genetics and tree breeding. The importance and high possibility of genomic data for forest genetics, evolutionary study and tree breeding were highlighted in four presentations. For applying such advanced methods, careful preparation of research material is necessary.

Speakers and their presentations:

- Prof. David B Neale: Forest genetics in the genomics era
- Dr. Shanshan Zhu and Prof. Yingxiang Qiu: Evolutionary and conservation genomics of tertiary relict tree genus *Cercidiphyllum*
- Dr. Makoto Takahashi: Current status and future directions of forest tree breeding in Japan
- Prof. Yoshihisa Suyama: Forest genetic studies using genome-wide SNP data by MIG-seq analysis

Proceedings of the symposium will be published in the journal of the Japanese Society of Forest Genetics and Tree Breeding in the near future.

Seasonal Migration in the Forest Sector: Workshop with Journalists

Report by Santiago Alarcón, Forest Europe

Forest Europe in collaboration with IUFRO, Migrapreneur and 2811 organized a workshop in Berlin on 27 October 2022 that brought together 3 experts on forest employment and education and 11 journalists from Austria, France, Germany, Greece, Romania, Serbia, Spain and Sweden. The goal was to identify the challenges faced by seasonal forest migrants, evaluate the communicational and informative impact of the topic for the media in Europe, and build a network of trained journalists on seasonal migration.

Among other things, the need for forest workers to be equipped with the right skills was stressed. One of the keynote speakers, Mika Rekola, University of Helsinki, Finland, and Coordinator of [IUFRO Research Group 6.09.00](#) – Forest education, pointed

out that the need for inclusivity in forest education to cater for different groups was one of the recommendations from the recently launched Global Assessment of Forest Education, of which he was one of the authors:

<https://www.fao.org/documents/card/en/c/cc2196en/>

[Click for more information about the workshop!](#)



Photo by Remmy Rupp, 2811

Announcements

Nominate Your Candidates for IUFRO Awards!

The [XXVI IUFRO World Congress](#) to be held from 23 to 29 June 2024 in Stockholm, Sweden, provides another opportunity to honour outstanding scientific achievements and contributions to forestry with a range of IUFRO Awards. Please nominate suitable candidates for the various categories of awards:

- Scientific Achievement Award (SAA)
- Outstanding Doctoral Research Award (ODRA)
- IUFRO Student Award for Excellence in Forest Science (ISA)

In addition, the IUFRO World Congress Host Scientific Award and Best Poster Awards (BPA) will also be presented.

The deadline for submission of nominations is 15 May 2023. Find information about the awards at:

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



IUFRO-IFSA Collaboration Supported by Magdalena Jovanović



My name is *Magdalena Jovanović*. I am a master student in European Forestry at the University of Eastern Finland. I am actively involved in the International Forestry Students' Association (IFSA) where I served as the President for the term 2021/22, and I continue my engagement this term as the head of the IUFRO Sub-Commission.

IUFRO and IFSA have developed a very fruitful relationship over the years, filled with collaborative activities such as mentoring programs, traineeships, projects, webinars, networking events and even a joint task force on forest education. I am very happy to continue the work in this direction. Much of my work will focus around the IUFRO World Congress 2024 and leading IFSA's activities and engagement at the Congress. It is an amazing opportunity, both for IFSA and my personal development, to be part of the IUFRO Congress Scientific Committee (COC) and the Honours and Awards Committee (HAC).

Working with IUFRO has and will continue to create opportunities for students to broaden their network, gain new knowledge and skills in various fields of forestry and support them in their future career. I will aim to facilitate as many of these opportunities during my term and am especially excited about IFSA's participation in the IUFRO 2024 Congress. IUFRO has created a space for IFSA to engage, be represented, and even take on a more important role in the COC and HAC, and both IFSA and I are grateful for this opportunity.

Introducing IFSA President 2022/23: Agustín Rosello Hinrichs



My name is *Agustín Rosello Hinrichs* and I am a recently graduated forest engineer from Chile. For this on-going term 2022/23 I have the honor and responsibility to be the President of the International Forestry Students' Association (IFSA). During these first two months in this position, I have had the opportunity to participate in different conferences and events in which we

have been able to reconnect with both my former IUFRO HQ colleagues as well as with numerous members of IUFRO's network.

Collaborations such as the annual internship program for IFSA members at the IUFRO Headquarters, the IUFRO-IFSA Summer School 2022 themed "Forest Policy for an EU fit Ukraine", mentorship activities at the All-IUFRO Conference 2022, and even a joint publication on green jobs and related forest education and employment, reflect the incredible partnership we have built.

As IFSA we are hopeful that the near future will keep developing our collaboration to higher places. We look forward to empowering the work done by the [Joint IUFRO-IFSA Task Force on Forest Education](#). We look forward to participating in the upcoming IUFRO Board meeting, and most of all, we look forward to the IUFRO World Congress 2024, where IFSA can play an important role and continue to work for a world that appreciates forests.

More about IFSA and their leadership team available at: <https://ifsa.net/team/>

Fifty Years of Celebrating International Mountain Day!

The International Mountain Day (IMD) has its roots in 1992, when the adoption of Chapter 13 of Agenda 21 “Managing Fragile Ecosystems: Sustainable Mountain Development” at the United Nations (UN) Conference on Environment and Development put a milestone in the history of mountain development. “Women move mountains” is the theme of this year's **International Mountain Day on 11 December!**

Find out more: <https://www.fao.org/international-mountain-day/overview/en/>

Get to know the International Mountain Partnership: <https://www.fao.org/mountain-partnership/en/>

On the occasion of IMD, IUFRO would like to highlight the [Resilient Future Forests Lab RFFL](#), which is being implemented by IUFRO-SPDC together with several IUFRO Member Organizations in the mountainous Kyrgyz Republic and in Uzbekistan.

[Watch this presentation](#) held by Palle Madsen at the All-IUFRO Conference in September 2022!



RFFL – Science-practice interactions through long term demonstration, research and monitoring experiments at operational scale in Central Asia

John Stanturff,
Evgeniy Botman,
Muslim Rajabbaev,
Palle Madsen,
Marcus Williams²

1) InNovaSilva, ApS, Vejle, Denmark
2) Center for Forest Disturbance Science, US Forest Service, Athens, Georgia USA
3) Forestry Research Institute of Uzbekistan, Tashkent, Uzbekistan
4) Laboratory of Economics and Organization of Forestry, Scientific and Production Center for Forest Research, Institute of Biology of the National Academy of Sciences of the Kyrgyz Republic

Bioeconomy Perceptions Survey Targeted at Students

This survey designed by EFI's Bioregions Facility is an important tool to help European regions learn more about their own bioeconomy ecosystem. It aims to provide insights into how students of higher education perceive the role of entrepre-

neurship in the field of bioeconomy, as well as related opportunities and challenges.

About the survey: <https://bioregions.efi.int/survey-on-students-perceptions-of-bioeconomy-entrepreneurship/>

If you are a student at a higher education institution with an interest in bioeconomy, please fill in the survey by **16 December 2022**:

<https://www.surveymonkey.com/r/ZBQFYK6>



Photo Mark Martins on Pixabay

News from Members

Congratulations! Oldest Forest Research Institution in Italy Celebrates 100th Anniversary

One hundred years ago the Royal Experimental Forestry Station of Italy was founded in Florence by the master of Italian forest researchers, Prof. Aldo Pavari, IUFRO President from 1954 to 1956.



Photo credits: CREA

In these hundred years the forestry sector has undergone a profound transformation. Yet, forests continue to be an irreplaceable heritage of the country, a common good linked to history and culture, a source of countless natural products including wood, essential for the socio-economic development particularly of inland and mountain areas.

They also are the main tool on a territorial scale for the containment of hydrogeological risks, the fight against climate change, the protection of biodiversity and the landscape, as well as the purification and regulation of water and air. Our future depends on how we perceive and manage this heritage, and here research and experimentation play a decisive role.

To celebrate the foundation of the oldest Italian research body dedicated to forestry, which today actively operates as Research Centre of the Council for Agricultural Research and Economics (CREA), a public event was held on 30th September, that retraced the main historical moments, themes, methods and tools of forestry research and experimentation in Italy, with an eye to the future.

By Piermaria Corona (Director of the Research Centre for Forestry and Wood - CREA, Italy)

Greetings from Amazonia: Children, Forests and Poetry

The Brazilian Agricultural Research Corporation **Embrapa** presents the video “Children, Forests and Poetry”, which highlights the importance of the integrated approach between science, culture, community and ecosystem.



The video, produced under the Bom Manejo 2 Project, coordinated by Embrapa Eastern Amazon and the International Tropical Timber Organization (ITTO), shows the workshop held with children from the Green Forever Extractive Reserve, in Port of Moz, Pará State, to mark the Amazon Day (September 5th) and the World’s One Health Day (November 3rd).

Watch at: <https://www.youtube.com/watch?v=MaU9LlvZZpc>

Publications

Comparative Analysis of Latin American Environmental and Forestry Law



Photo by Alexander Buck, IUFRO

Earlier this year members of the Latin American Network of Environmental Forestry Law (RELADEFA) presented a publication about forests and forest legislation in 15 Latin American countries: "Economía y legislación forestal ambiental en países de América Latina" / "Economics and Environmental Forestry Legislation in Latin American Countries". [Read here!](#)

Now [IUFRO Working Party 9.06.01](#) Coordinator Gloria Sanclemente (RELADEFA) has prepared a complementary paper entitled “Comparative

Law Analysis of Environmental Forestry Law and Economics in Latin America”, which is also available in Spanish and German for [download here](#).

Green Impact, Green Jobs: The Future of the Pan-European Forest Sector

Employment in the pan-European forest sector has been decreasing since 2010 and the forest sector workforce is aging rapidly. A recent report by FOREST EUROPE and the Thünen Institute of Forestry, a Member Organization of IUFRO, provides latest facts and figures about employment in the pan-European forest sector, gives recommendations on how to reverse these trends and informs about green forest jobs.



More at: <https://www.iufro.org/discover/noticeboard/non-iufro-publications/>

Preferred citation: da Silva, Emilin Joma; Schweinle, Jörg. (2022): Green Forest Jobs in the pan-European region. FOREST EUROPE, Bonn. 49 p.

What are the Main Challenges Faced by the Urban Forestry Sector in Europe?

While the benefits and especially the need of urban forests are being increasingly recognized, the road to the realization of such projects is often full of bumps and obstacles. The “Blueprint for Innovation in Urban Forestry” produced by Uforest provides a comprehensive overview of the main challenges faced by the European urban forestry sector. Uforest is a project co-funded by the Erasmus+ Programme of the European Commission: <https://www.uforest.eu/>



Through literature review and case studies analyses, the “Blueprint for Innovation in Urban Forestry” identifies 7 main challenges. Download the full “Blueprint for Innovation in Urban Forestry” and learn more: <https://www.uforest.eu/news/project-updates/innovation-report/>

The authors of the publication are Joan Pino (UAB), Florencia Florido (CREAF), Colm O’Driscoll and Ilaria Doimo (Etifor), Cecil Konijnendijk (NBSI). Cecil Konijnendijk currently chairs the IUFRO-led Global Forest Expert Panel on Forests and Human Health: <https://www.iufro.org/science/gfep/gfep-initiative/panel-on-forests-and-human-health/>

An Assessment of Uptake of the Global Core Set of Forest-related Indicators

The twenty-fifth session of the Committee on Forestry (CPF) requested FAO to analyze - in collaboration with members of the CPF - the uptake of the Global Core Set of Forest-related Indicators (GCS) by other reporting processes and the extent to which they decrease reporting burdens on countries. The



resulting assessment was published by FAO in 2022 and can be downloaded at: <https://doi.org/10.4060/cc2223en>

Stefanie Linser, Coordinator of IUFRO [Working Party 9.01.05](#) - Research and development of indicators for sustainable forest management - led the data collection and analysis activities for this publication.

Proceedings

All-IUFRO Conference

The Book of Abstracts of the All-IUFRO Conference “Forests in a Volatile World – Global Collaboration to Sustain Forests and Their Societal Benefits” on 21-23 September 2022 in Vienna, Austria, is available at: <https://www.iufro.org/events/all-iufro-conference-2022/programme/>

There you will also find links to photos from the conference, recordings and PDFs of conference presentations (included in the program), and a video of excursion and conference highlights.

8th International Poplar Symposium (IPS-VIII)

“Poplars and Willows in the Era of Global Change: Agroforestry, Environmental Improvement, and Ecosystem Services to Enhance Livelihoods”

Conference on 4-6 October, Novi Sad, Serbia

[IUFRO 2.08.04 Poplars and willows](#)

ISBN-978-86-900741-2-9

Download at: <https://www.iufro.org/publications/proceedings/meetings-2022/#c34330>

Newsletters

Interested in the Ecology and Management of Chestnut?

Read the newsletter published by IUFRO Working Party 1.01.13 aimed at sharing information, exchanging research ideas, and building a network of chestnut researchers. The newsletter will be published every three months.

For previous editions, please [click here!](#)

Forest Entomology Newsletter

The latest newsletter of IUFRO Research Group 7.03.00 Entomology highlights several important IUFRO webinars with links to the recordings, and reports from the IUFRO Division 7 Conference 2022 in Portugal. [Read here!](#)

Positions, Scholarships, Courses

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

PhD Position in Silviculture: Resilient Regeneration Methods to Restore Forests in a Climate Change Hot Spot

Apply by 15 December 2022

As part of the recently funded inter- and transdisciplinary project cluster WaldlabOR (Forest Lab Upper Rhine: Adaptation strategies for the conservation of forest ecosystem services in climate change hotspots), the Chair of Silviculture at the University of Freiburg invites applications for a 4-yr doc-

toral position in a joint project with the Forest Research Institute of Baden-Württemberg, Germany. The PhD research will focus on innovative silvicultural options including irrigation to regenerate new forests in areas with dieback from drought and other causes. [Details](#)

Two Doctors / PhD Positions for H2020 FIRE RES Project

Apply by 21 December 2022

Professor José G. Borges is looking for two Doctors / PhDs to do research with his team at the Forest Research Centre of the School of Agriculture (ISA) of the University of Lisbon, Portugal, within the framework of the H2020 FIRE RES project. Collaboration with European partners is foreseen and encouraged as well as work visits to colleagues in the USA, Costa Rica, Canada, Brazil and Chile within the scope of the DecisionES project which he also coordinates at ISA. [Details1](#), [Details2](#)
Send applications to: forchange(at)isa.ulisboa.pt, with cc to: joseborges(at)isa.ulisboa.pt
H2020 FIRE RES project: <https://fire-res.eu/>
DecisionES project: <https://decisiones.ctfc.cat/>

Research Scientists of Circular Forest Bioproducts

Apply by 12 January 2023

The School of Forest Resources (SFR) at the University of Maine, Orono, ME, USA, is inviting applications for the position of Research Scientist of Circular Forest Bioproducts. The purpose of the position is to conduct research and collaborate with researchers in topics related to assessment of sustainability impacts of forest-based circular bioeconomy with an aim to evaluate and improve post-harvest product “hotspots” in the value chain. [Details](#)

Seeking Three Leaders for XPRIZE Wildfire Competition

The XPRIZE Foundation is seeking a leader for the XPRIZE Wildfire competition; an established and experienced Technical Lead to drive subject matter expertise on XPRIZE Wildfire; and an experienced Project Manager with demonstrated proficiency in the operations of long-term interdisciplinary programs. XPRIZE Wildfire is a five-year competition that will recruit interdisciplinary teams of innovators from around the world to develop and scale integrated systems that can autonomously detect, assess and suppress potentially catastrophic wildfires quickly on both the local and global scales. Duty station: Los Angeles, CA, USA

Find out more at: <https://www.iufro.org/discover/noticeboard/position-announcements/>

Three PhD Studentships on the Social and Environmental Outcomes of Reforestation Processes

Apply by 5 January 2023 (midnight GMT)

The Sustainable Forest Transition (SFT) project is recruiting three full-time PhD students at the Global Development Institute (University of Manchester, UK) from September 2023. These positions are fully funded for four years. The scholarship is open to international students. The project will study the changing nature of forest cover and human development at unprecedented scale and detail in Mexico, Brazil, India and Nepal. [Details](#)

Contact: Dr. Johan Oldekop,
johan.oldekop(at)manchester.ac.uk

Power of One PhD Fellowship

Apply by 1 February 2023

The Quinney College of Natural Resources (QCNr) at Utah State University (USU), USA, is offering a PhD program for a student from a developing nation. The assistantship covers tuition and fees, health insurance, books and materials, housing and food, and a significant research support component for up to 4 years. [Details](#)

MSU Forestry Non-Credit Online Courses – Spring 2023

The Michigan State University Department of Forestry is pleased to offer the following non-credit course options for Spring 2023 for individuals interested in online learning. These courses are a great fit for those looking to expand their knowledge on topics of forestry outside of a degree-granting program. See: <https://www.iufro.org/discover/noticeboard/university-courses-summer-schools-and-webinars/>

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/>

6 Dec 2022, 4:00 pm

Webinar: Quantifying spatial and temporal variation in canopy tree mortality and branchfalls in a tropical forest using repeat drone photogrammetry

online

[TF Monitoring Global Tree Mortality Patterns and Trends](#)

Registration: <https://zoom.us/meeting/register/tjwqd-6gqTwoH9YGx1UKWnUhDKkHnyKd7iF8>

Contact: Henrik Hartmann, [hhart\(at\)bgc-jena.mpg.de](mailto:hhart(at)bgc-jena.mpg.de)

9-11 Dec 2022

2022 International Youth Forum for Wood Anatomy and the 9th IAWA-China Group Annual Meeting “Wood Anatomy and Wood Utilization -- Future for Ecozoic Era and Community”

Guangzhou, China

[IUFRO 5.16.00](#), [IUFRO 5.06.00](#)

Contact: Kate Chen, [chenkate93\(at\)hotmail.com](mailto:chenkate93(at)hotmail.com)

Shan Li, [lishan.ecology\(at\)hotmail.com](mailto:lishan.ecology(at)hotmail.com)

[Website](#)

15 Jan 2023

2.04.10 Forest Tree Workshop at the Plant and Animal Genome (PAG 30)

San Diego, CA, United States

[IUFRO 2.04.10](#)

Contact: Amanda De La Torre, [Amanda.de-la-torre\(at\)nau.edu](mailto:Amanda.de-la-torre(at)nau.edu)

[Website](#)

26 Jan 2023

Webinar series “Forest Mensuration and Modelling Chats”: “Modeling allometric relationships for Caribbean trees using a mixed-effects random forest algorithm”

Online

[IUFRO 4.01.00](#)

Contact: Bianca Eskelson, [bianca.eskelson\(at\)ubc.ca](mailto:bianca.eskelson(at)ubc.ca)

Postponement!

7-9 Feb 2023

All-Division 1 & 4 Online Discussion Conference: Close-To-Nature Silviculture: Experiments and Modelling for Forestry Practice

Online

[IUFRO 1.00.00](#), [IUFRO 4.00.00](#)

Contact: Jens Peter Skovsgaard, [jps\(at\)slu.se](mailto:jps(at)slu.se);

Donald Hodges, [dhodges2\(at\)utk.edu](mailto:dhodges2(at)utk.edu)

[Flier](#)

15-17 Feb 2023

NAU-IES-IUFRO Conference on “Tree Based Diversified Land-Use System: Augmenting Livelihood Security and Industrial Growth”

Navsari, Gujarat, India

[IUFRO 1.04.00](#)

Contact: Swoyambhu Man Amatya,

[swoyambhu_amatya\(at\)yahoo.com](mailto:swoyambhu_amatya(at)yahoo.com)

Sanjeev Chauhan, [chauhanpau\(at\)rediffmail.com](mailto:chauhanpau(at)rediffmail.com)

[Details](#)

Save the date!

29-30 March 2023

Intersectoral Cooperation for Resilient Landscapes - International IUFRO South-East Asia Symposium 2023

Dehradun, India

1-day in-person event with hybrid participation option (on 30 March), field trip (on 29 March)

More information coming soon!

5-11 Mar 2023

Eastern Africa Regional Alumni Capacity Building and Networking Seminar on “Enabling services from land and water resources through actor-oriented forest landscape restoration”

Kampala, Uganda

[IUFRO 9.05.00](#)

Contact: Lukas Giessen, [lukas.giessen\(at\)tu-dresden.de](mailto:lukas.giessen(at)tu-dresden.de)

<https://www.iufro.org/science/divisions/division-9/90000/90500/>

4-8 Jun 2023

All-Division 5 Conference: The Forest Treasure Chest - Delivering Outcomes for Everyone

Cairns, Australia

[IUFRO 5.00.00](#)

Contact: Roger Meder, [rmeder\(at\)usc.edu.au](mailto:rmeder(at)usc.edu.au)

Andrew Wong, [awong.unimas\(at\)gmail.com](mailto:awong.unimas(at)gmail.com)

Pekka Saranpää, [pekka.saranpaa\(at\)luke.fi](mailto:pekka.saranpaa(at)luke.fi)

[Website](#)

20-23 Jun 2023

10th International Wind and Trees Conference: Wind and Trees 2023 - The future is uncertain: wind resilient forests in a changed climate

Castelfranco Veneto, Italy

[IUFRO 8.03.06](#)

Contact: Barry Gardiner, barry.gardiner@inrae.fr

[Website](#)

18-20 Sep 2023

Uneven-aged silviculture: insights into forest adaptation in times of global change

Brno, Czech Republic

[IUFRO 1.05.00](#), [IUFRO 1.09.00](#)

Contact: Tomáš Vrška, tomas.vrska@slpkrtiny.cz

[Website](#)

4-7 Oct 2023

3rd World Conference on Forests for Public Health

Sherbrooke, Canada

[IUFRO 6.06.00](#)

Contact: Christos Gallis, cgalis@fri.gr

[Website](#)

Save the date!

17-19 Oct 2023

IUFRO Latin American Conference - Sustainable Landscape Management: The Role of Forests, Forestry, Agroforestry, and Agriculture

Curitiba, Brazil

[IUFRO 1.00.00](#), [9.00.00](#)

Contact: Erich Gomes Schaitza, erich.schaitza@embrapa.br; Yeda Maria Malheiros de Oliveira, yeda.oliveira@embrapa.br

24-27 Oct 2023

Save the date:

All-Division 8 Conference: FORESTED LANDSCAPES in the Post-2020 Global Biodiversity Framework: Mitigation Options Towards Implementation of the SDGs

Évora, Portugal

[IUFRO 8.00.00](#)

Contact: iufro2023@uevora.pt

[Website](#)

2-4 Nov 2023

13th International Conference "Wood Science and Engineering in the Third Millennium"

"Transilvania" University of Brasov, Romania

[IUFRO 5.04.00](#), [IUFRO 5.05.00](#)

Contact: Marius Catalin Barbu, marius.barbu@fh-salzburg.ac.at

[Website](#)

23-29 Jun 2024

XXVI IUFRO World Congress 2024: Forests and Society Towards 2050

Stockholm, Sweden

Contact: IUFRO2024@slu.se

[Website](#)



STOCKHOLM 2024

IUFRO

WORLD CONGRESS FORESTS & SOCIETY TOWARDS 2050

Other Meetings

7-19 Dec 2022

UN Biodiversity Conference (COP 15)

Montreal, Canada

Contact: secretariat@cbd.int

<https://www.cbd.int/conferences/2021-2022/cop-15/documents>

18-20 Jan 2023

7. Mitteleuropäische Biomassekonferenz CEBC 2023 Graz, Austria

Including: [Forestry Day of Wintertagung](#)/Ökosoziales Forum on 20 January

Contact: office@biomasseverband.at

[Website](#)

16-19 May 2023

8th International Wildland Fire Conference

Porto, Portugal

Organized by AGIF, Portugal

Contact: info@wildfire2023.pt

[Website](#)

