

International Conference on Ozone and Plant Ecosystems

Report by Elisa Carrari, CNR, Italy, and Elena Paoletti, Coordinator of IUFRO Research Group 7.01.00 Impacts of Air Pollution and Climate Change on Forest Ecosystems

<https://www.iufro.org/science/divisions/division-7/70000/70100/>

Ozone pollution continues to be a serious issue for terrestrial ecosystems and plant health. The conference on 21-25 May 2018 in Sant'Apollonia Auditorium Florence, Italy, allowed experts in the field of interactions between ozone and plant ecosystems to meet and discuss the state-of-the-art and future strategies for decision-makers. In their discussions the 107 participants from 29 countries focused on three main subjects:

- Monitoring, modelling and assessing the risk of ozone damage to plant ecosystems
- How plant ecosystems respond to ozone exposure
- How plant ecosystems affect ozone concentration in the atmosphere

Thanks to the broad participation of experts from different countries and subjects, the conference offered an important opportunity to define the state-of-the-art of the challenging interactions between ozone and plant ecosystems. Even if control measures for ozone are becoming effective, especially in Europe and North America, there is an urgent need to fill research and knowledge gaps and to collaborate for future strategies for decision-makers at global level.

More knowledge is required in the field-based evidence of impacts (monitoring and experimental data and use of epidemiological data) as well as in the understanding of ozone interactions with other stressors related to the changing climate. The flux-based metrics are confirmed to be the most biologically relevant indicators for ozone risk assessments and must be proposed as standards for ecosystem protection. The conference revealed the need to improve the research network and establish a science policy framework, especially, in developing regions.

Among the next goals are the inclusion of ozone impacts in crop and tree growth models, the modelling of future impacts in the context of a changing climate (e.g. drought, elevated CO₂) and the elaboration of new epidemiologically-based ozone critical levels for ecosystem protection against ozone, as recommended by EU NECD and LRTAP convention. As a future activity, scientists should work for a better definition of ozone impacts on the complexity of ecosystem services, as well for the investigation of 'management' solutions for crops, forests and semi-natural ecosystems.

In addition, new opportunities in the field are related to studies focusing on the economic-social and environmental evaluation of ozone impacts on crops, terrestrial



Presenting the ongoing experiments in the FACE facility at CNR (Sesto Fiorentino) during the study tour.

Photo credits: Dr. Barbara Moura and Mr. Lorenzo Bussotti

ecosystems and human health. Ozone experts can also collaborate for greening cities to improve air quality and well-being, defining the most suitable species differentiated for geographical areas. Finally, all participants agreed that the community should work for improving knowledge transfer to stakeholders, in particular policy makers, regarding the ozone and plants issues.

Website:

<https://conference2018.wixsite.com/ozoneandplants>

Book of Abstracts (2.4 MB, PDF):

https://www.iufro.org/download/file/28925/6631/70100-et-al-florence18-abstracts_pdf/

The conference was organized by IUFRO Research Group 7.01 Impacts of Air Pollution and Climate Change on Forest Ecosystems, and ICP-Vegetation, and involved IUFRO Working Party (WP) 7.01.02 Genetic, biochemical and physiological processes, WP7.01.05 Modelling and risk assessment, and WP7.01.09 Ground-level ozone.

Host organizations and sponsors were: ARCHES, Regione Toscana, MOTTLES (LIFE15 ENV/IT/000183) and MITIMPACT (ALCOTRA 2017-2020)

The meeting also included a study tour to the Ozone Free Air Controlled Exposure facility (FO3X) in the experimental area of the National Research Council of Sesto Fiorentino (Florence, Italy).

Transformations Towards a New Era in Small Scale Forestry

Report by Teppo Hujala, Chair of Organizing Committee, UEF, Finland; Julie Kheidr, Editor of the Conference Book of Abstracts, UEF, Finland; Heimo Karppinen, Chair of Scientific Committee, U Helsinki, Finland, and Deputy Coordinator of IUFRO Research Group 3.08.00 Small-scale forestry <https://www.iufro.org/science/divisions/division-3/30000/30800/>
Meeting website: <http://www.uef.fi/ssfo2018/>

On the west coast of Finland, in a geographically unique setting of post-glacial land lifting, the University of Vaasa, the University of Helsinki, and the University of Eastern Finland held the IUFRO 3.08.00 Small-Scale Forestry conference on 11-13 June 2018. The Unit has met nearly annually since 1986. The Vaasa Conference is the 36th gathering of the IUFRO Research Group and focused on future transformations in small-scale forestry. The conference gathered 68 participants from 16 countries, and featured 53 scientific contributions.



Group photo, Sulva, Finland. Photo by Christoph Hartebrodt

The key topics in this meeting included:

- Future developments
- Biodiversity and non-timber forest products
- Climate change
- Cross-boundary cooperation
- Forest policy
- Gender perspectives
- Public outreach
- Forest management practices

The presentations and discussions focused on landholder engagement with aims to unify stakeholders and empower small-scale forest owners. Conflicting land-use issues were discussed such as swidden agriculture as well as hunting rights. The discussions showed the current issues holding forest owners back from capitalizing – economically or ecologically – on their own lands.

Participants were able to gain a comparative cross-border view through a post-conference tour in the Umeå region of Sweden, where forest owner's practical decision-making, cultural-heritage rights and tourism-based activities were introduced while further insights into technological advances through forest management planning and modeling was provided.

Transformations in the operational environment of small-scale forestry were seen as signs for initiating a new era. Keynote talks highlighted the adaptive capacity of public organizations in steering family forestry, and the contribution of changing forest ownership to rural livelihoods. Unique, subtle features of small-scale forestry were evidenced. Simultaneous advances in technology and social practices appeared pivotal.

Find the Book of Abstracts at:

<https://www.iufro.org/publications/proceedings/proceedings-meetings-2018/#c27424>

Springer's Small-scale Forestry journal has accepted to publish a *special issue* based on the best contributions of the conference (publication in 2019).

IUFRO 3.08.00 will have its next conference in Duluth, MN, USA on 8-10 July 2019: <http://iufrossf.umn.edu>

The meeting was hosted by the University of Eastern Finland, University of Vaasa, University of Helsinki; the post-conference tour was organized by the Swedish Agricultural University. For more information, read the full report at: <https://www.iufro.org/science/divisions/division-3/30000/30800/activities/>

Communicating Risks in Decision Support Systems: from basic research to advance decision support tools

Report by Rasoul Yousefpour, Coordinator of IUFRO 4.04.07 Risk Analysis, <https://www.iufro.org/science/divisions/division-4/40000/40400/40407/>

Risk analysis is an emerging field of research and relatively new in forestry. The international conference on 6-8 June 2018 in Solsona and Barcelona, Spain, focused on presenting models, methods and decision support systems that might be used by public administrators, forest owners and industry for forest management planning in a context of risk and uncertainty.

The following key issues were addressed:

- Aspects of risk analysis including sources of uncertainty in forest resource assessment, management, economics, and policy analysis.
- Risk analysis in adaptive forest management and methods to deal with risks
- Effects of uncertainty from different nature and level in decision making process
- Inclusion of risk and uncertainty in the DSS and application of practical guidelines for coping with the challenges in the real world applications
- Fire management in Catalonia and best management practices for an integrated landscape level fire management success.

Risk analysis is still poorly developed in the field of forestry and there is a huge demand to integrate, analyse, and manage risk and uncertainty in complex forestry systems. Learning from successful examples in other areas and fields may be helpful if approaches and methods are adapted carefully. A special issue publication in the ISI peer-reviewed journal *Annals of Forest Science* (deadline for submissions November 2018) is envisaged.

The conference was co-financed by the SuFoRun international R&D project (<http://suforum.ctfc.cat/>) and organized by Centre Tecnològic Forestal de Catalunya (CTFC, Spain) and IUFRO unit 4.04.07 and supported by IUFRO unit 4.04.04 - Sustainable forest management scheduling. In addition, Jordi Garcia-Gonzalo, researcher at the Centre Tecnològic Forestal de Catalunya CTFC, Solsona, Spain, and Deputy Coordinator of IUFRO unit 4.04.06 - Nature Conservation Planning belonged to both the organizing and scientific committees. It attracted 45 participants from Germany, Spain, France, Czech Republic, Latvia, UK, Denmark, Chile, Poland, Finland and Costa Rica.

Meeting website: <http://suforum.ctfc.cat/june-2018-conference-solsona-and-barcelona-spain/>

Natural Resources, Green Technology and Sustainable Development

Report by Tamara Jakovljevic, Deputy Coordinator of IUFRO Working Party 7.01.03 Atmospheric deposition, soils and nutrient cycles, <https://www.iufro.org/science/divisions/division-7/70000/70100/70103/>

Following the great success of GREEN 2014 and GREEN 2016, the conference 3-GREEN 2018 on 5-8 June in Zagreb, Croatia, brought together leading experts in the fields of forest and biotechnology from around the world to present recent achievements, share the latest developments and address present and future challenges.

3-GREEN2018 involved IUFRO Divisions 5, 7, and 9 and Working Parties 7.01.03 and 7.01.05 in particular, which held a joint workshop on "Assessing and modelling the forest ecosystem sustainability under climate change". Elena Paoletti, Coordinator of IUFRO Research Group 7.01.00, gave a welcoming speech on behalf of IUFRO and the IUFRO Divisions supporting the meeting organization.

Discussions concentrated on the following topics:

- Ecosystem management
- Sustainable production of food
- Green technology
- Biomass and bio-based industry
- Forest genetics
- Environment and climate change

The meeting was generously hosted by the Croatian Forest Research Institute, the University of Zagreb, the Institute for Adriatic Crops and Karst Reclamation, the Croatian Society of Biotechnology and the Academy of Forestry Sciences, and supported by IUFRO, the European Forest Institute (EFI) and the European Biotechnology Thematic Network Association (EBTNA).

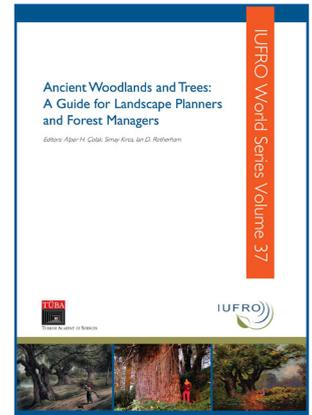
Meeting website: <http://www.green2018.sumins.hr/>

Publications

New: IUFRO World Series 37 Ancient Woodlands and Trees: A Guide for Landscape Planners and Forest Managers

Alper H. Çolak, Simay Kırca, Ian D. Rotherham (eds.), 2018.
ISBN 978-3-902762-91-7
ISSN 1016-3263

This book comprises fifteen major contributions by leading scholars on the ecology, history, heritage, and management of ancient trees, ancient woodlands and forests. Taking trees, woods and forests as eco-cultural resources, the authors explore ecology and nature, history, tradition and heritage, and the evidence base of archaeology, literature, and archives. Given the urgent need to discover, understand, conserve and where necessary restore ancient woodlands and trees, it is hoped that this publication provides a modest step towards raising awareness and enthusiasm. There is so much more to learn and to read through understanding the web of relations in the mysterious world of ancient woodlands and ancient trees.



Download at: <https://www.iufro.org/publications/series/world-series/article/2018/06/25/world-series-vol-37-ancient-woodlands-and-trees-a-guide-for-landscape-planners-and-forest-manage/>

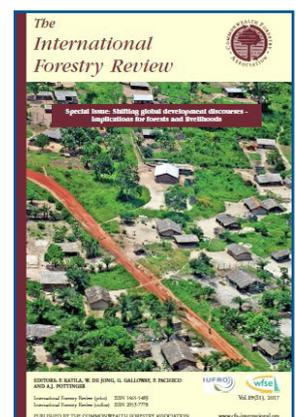
Hard copies available from IUFRO and: TÜBA - Türkiye Bilimler Akademisi (Turkish Academy of the Sciences)
Piyade Sok. No: 27 06690 Cankaya/Ankara-Turkey
E-mail: tuba(at)tuba.gov.tr; office(at)iufro.org

New: IUFRO Spotlight #59 Shifting Forest Development Discourses

A Special Issue of the International Forestry Review developed by IUFRO WFSE takes a closer look at forestry discourses, and specifically how they have affected forest-based development.

The Special Issue of the International Forestry Review can be found at:

<http://www.ingentaconnect.com/content/cfa/ifr/2017/0000019/a00101s1;jsessionid=15palhg7ydfpo.x-ic-live-01>



Read the Spotlight article: <https://www.iufro.org/media/iufro-spotlights/iufro-spotlight-59/>
IUFRO-WFSE <https://www.iufro.org/science/special/wfse/>

10 July at HLPF, New York: Launch of GFEP Report on Forest and Water Interactions

The Global Forest Expert Panel (GFEP) on Forests and Water has finalized its comprehensive scientific assessment and produced a publication under the title: "*Forest and Water on a Changing Planet: Vulnerability, Adaptation and Governance Opportunities. A Global Assessment Report*". GFEP is an initiative of the Collaborative Partnership on Forests (CPF) led by the International Union of Forest Research Organizations (IUFRO).



Perez Rosales National Park - Chile. Photo by Alexander Buck

The report to be published as IUFRO World Series Vol. 38 and the accompanying policy brief will be launched in the course of a side event of the United Nations High-Level Political Forum (HLPF) on Sustainable Development in New York titled "Forests and Water on a Changing Planet: Scientific Insights for Building Sustainable and Resilient Societies" and hosted by the Permanent Mission of Austria to the UN and IUFRO on Tuesday 10 July, 13.15-14.30 (EDT).

The assessment report aims to contribute to the 2030 Agenda for Sustainable Development by connecting SDG 6 on water and SDG 15 on forests, thus illustrating the cross-sectoral contributions of forests to the various SDGs. It provides a synthesis of existing scientific information on eco-hydrological processes related to forests, factors influencing these processes, and related ecosystem services. It also highlights the socio-economic roles of forest and water interactions and related challenges, analyses the policy context and identifies response options.

Find out more about the GFEP on Forests and Water and keep yourself updated on the launch: <https://www.iufro.org/science/gfep/forests-and-water-panel/>

HUMUSICA: Soil Biodiversity and Global Change
A new article has just been published as part of the Humusica project:

Humusica: Soil biodiversity and global change. Augusto Zanella, Judith Ascher-Jenull, Jean-François Ponge, Cristian Bolzonella, Damien Banas, Maria De Nobili, Silvia Fusaro, Luca Sella, Raffaello Giannini. *Bulletin of Geography. Physical Geography Series, No. 14 (2018): 15-36.*
<http://dx.doi.org/10.2478/bgeo-2018-0002>
Also see: <https://www.iufro.org/science/divisions/division-8/80000/80200/80203/publications/>

The Human Dimensions of Forest and Tree Health - Global Perspectives

Urquhart, Julie, Marzano, Mariella, Potter, Clive (Eds.). Mariella Marzano is Coordinator of IUFRO Working Party 7.03.15 - Social dimensions of forest health.

This book explores the specifically human dimensions of the problem posed by a new generation of invasive pests and pathogens to tree health worldwide. The growth in global trade and transportation in recent decades, along with climate change, is allowing invasive pests and pathogens to establish in new environments, with profound consequences for the ecosystem services provided by trees and forests, and impacts on human wellbeing.
<https://www.palgrave.com/us/book/9783319769554>

Special Issue: Forest Health in a Changing World
Proceedings from several Division 7 sessions at the 2014 IUFRO World Congress in Salt Lake City; *Forestry* Volume 89, Issue 3; July 2016; ISSN 0015-752X; EISSN 1464-3626. <https://academic.oup.com/forestry/issue/89/3>

Latest Special Issues of Forest Policy and Economics
<https://www.sciencedirect.com/journal/forest-policy-and-economics/special-issues>

Ecosystem services and the well-being of forest-dependent communities: enhancing social innovation and building resilience to global changes in remote rural areas
Edited by Maria Nijnik, Laura Secco, David Miller
12 June 2018

Forest policy and governance: Taking stock of multiple environmental social sciences
Edited by Dodik R. Nurrochmat, Eny W. Astuti, Lukas Giessen, Ahmad Maryudi. June 2018

New articles of Forest Policy and Economics, Volume 92, Pages 1-220, July 2018
<https://www.sciencedirect.com/journal/forest-policy-and-economics/vol/92/suppl/C>

XXV IUFRO World Congress – Call for Sessions

Deadline for submitting session proposals: 1 August 2018

In keeping with the spirit of the Congress title – *Forest Research and Cooperation for Sustainable Development* - the Congress Scientific Committee (CSC) is developing a program that will highlight the contributions that forest science is making to address the significant environmental, social and economic challenges facing our world. Find out more: <http://www.iufro2019.com/>



Society of American Foresters - International Forestry Working Group: Newsletter – June 2018

In this issue you will find a diverse range of scientific articles from various parts of the world, e.g. on "Caparo: the last relict of the Trade-wind forests of South America and a unique Venezuelan ecosystem", on "Using Pine Needles for Off-Grid Electricity Production in Rural India", or "Addressing a Pine Bark Beetle Outbreak in Belarus", and much more: <http://www.orrforest.net/saf/June2018.pdf>

Call for Contributions - 3D Remote Sensing Applications in Forest Ecology: Composition, Structure and Function

Submit state-of-the-art scientific works from all relevant fields, including experimental studies, method developments, model validations and reviews dealing with the general topic of 3D remote sensing-assisted applications in monitoring forest composition, structure and function for this Special Issue of Forests.

The submission deadline is 30 June 2019, although expressions of interests with short abstracts should be provided by 30 September 2018.

http://www.mdpi.com/journal/forests/special_issues/3D_Remote_Sensing

Latest Reports by INBAR

Carbon Sequestration and Carbon Emissions Reduction through Bamboo Forests and Products

A new report published by the International Bamboo and Rattan Organisation (INBAR) analyses bamboo's effectiveness as a means to store carbon, compared to other types of trees: <http://www.inbar.int/understanding-bamboos-climate-change-potential/>

Bamboo for Land Restoration.

INBAR Policy Synthesis Report 4

Another new report by INBAR, the Food and Agriculture Organization of the UN and the New Partnership for Africa's Development looks at bamboo's use to restore degraded lands in eight places across the world: China, Colombia, Ghana, India, Nepal, South Africa, Tanzania and Thailand: <http://www.inbar.int/bambooforlandrestoration/>

New Generation of Plantations

Published in *New Forests Journal*: "Production, restoration, mitigation: a new generation of plantations": Silva, L.N., Freer-Smith, P. & Madsen, P. *New Forests* (2018) <https://www.iufro.org/science/task-forces/planted-forests/publications/>

Global forest cover continues to decline, and recent evidence suggests deforestation rates are accelerating. Against this background the area of planted forests has increased globally. Recognizing the substantial potential of well-managed forest plantations, the new generation plantations (NGP) platform was launched in 2007. NGP encourages well-managed planted forests in the right places to conserve biodiversity and meet human needs. The authors describe the NGP approach and analyze data and information from NGP participants and others over 10 years.

Awards

Nominate Your Candidates for IUFRO World Congress Awards!

At the XXV IUFRO World Congress to be held from 29 September to 5 October 2019 in Curitiba, Brazil, IUFRO will again honour outstanding scientific achievements and contributions to forestry with a range of awards. You are invited to nominate suitable candidates for the various categories of awards.

Deadline: 31 August 2018

Send your nominations to the Chair of the IUFRO Honors & Awards Committee (Professor John Innes: john.innes@ubc.ca) with copy to the IUFRO Executive Director (office@iufro.org).

Find more information and the nomination forms on our website <https://www.iufro.org/discover/awards/>. Also visit <https://www.iufro.org/events/congresses/2019/>



Positions

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

Research Associate

Submit application by 19 July 2018

The Department of Forest Resources Management, UBC-Vancouver Campus seeks a Research Associate to conduct an analysis of the state of BC's and Canada's forestry in comparison to selected jurisdictions from amongst the Montreal Process signatory countries.

<http://frm.forestry.ubc.ca/people/career-opportunities/>

Post-Doctoral Position

Submit application by 31 July 2018

A Post-Doctoral position is open to develop a project about enabling scale-up of somatic embryogenesis plant production by physiological analysis of embryos processed in bioreactors and the R&D SE System for harvest. The project lasts over 2 years and the post-doc will work both at UPSC and INRA. Target species are *Picea abies* and *Larix* spp.

<https://www.upsc.se/jobs/198-news/5347-project-6-enabling-scale-up-of-somatic-embryogenesis-se-plant-production-by-physiological-analysis-of-embryos-processed-in-bioreactors-and-the-r-d-se-system-for-harvest.html>

MSc or PhD Position Available

Closing date: open until filled

The Garnas lab (<http://mypages.unh.edu/garnaslab>) seeks a highly motivated graduate student (MSc or PhD; PhD preferred) for a USDA-APHIS funded project to advance understanding of how chemical and morphological traits vary across tree size and species, and how such va-

riation may influence Emerald ash borer (EAB) oviposition behavior, larval performance and survival, and parasitism by native and introduced natural enemies.

Duty station: Durham, NH, USA; <https://mypages.unh.edu/garnaslab/new-msc-or-phd-position-available>

Tenure-track Faculty Position

Submit application by 18 August 2018

The Conservation, Biodiversity & Territory Institute at the College of Forestry and Natural Resource Sciences of the Universidad Austral de Chile invites applications for a tenure-track faculty position. https://www.iufro.org/download/file/28800/5545/nb-uach-tenure-track_pdf/
Contact: Horacio Samaniego, horacio(at)ecoinformatica.cl

3 PhD Positions at School of Forestry, University of Canterbury, New Zealand

Host preferences & biocontrol of variegated tortoise beetle in New Zealand eucalypt forestry:

<http://www.findaphd.com?pj=98953>

Plant-insect interactions: Selecting pest-tolerant eucalypt breeds for New Zealand Forestry:

<http://www.findaphd.com?pj=98952>

PhD in remote sensing of New Zealand's forested environments for forest assessment, management, and monitoring: <http://www.findaphd.com?pj=98949>

Courses and Summer Schools

<https://www.iufro.org/discover/noticeboard/university-courses-summer-schools-and-webinars/>

International Masters' Program Ecosystem Services

International Institute (IHI) Zittau, TU Dresden, Germany
The program is devoted to understanding the causes of biodiversity loss and ecosystem degradation as well as to analyzing their impacts on ecosystem functioning and human well-being in an interdisciplinary manner.

Application deadline for non-EU citizens: 15 July 2018

https://tu-dresden.de/studium/vor-dem-studium/studienangebot/sins/sins_studiengang?autoid=28273&set_language=en

Videos

Watch Videos from GPFLR Meeting in Bonn

Among the videos of the meeting of the Global Partnership on Forest Landscape Restoration in Bonn (2017), you can also watch IUFRO's Deputy Executive Director Michael Kleine talking about IUFRO's FLR knowledge products:

https://www.youtube.com/watch?v=b1eek978xZY&list=P_LoCgwC3s55P4vws1vRf64Dn57-oGG0yWC

IUFRO-GFEP Report on Forests and Water

Listen to new interviews with GFEP Panel Chairs: <https://www.iufro.org/science/gfep/forests-and-water-panel/>

"Made in Forests" Video Launch

16 Jul 2018, HLPF, New York, USA

Michelle Yeoh, actress, UNDP Goodwill Ambassador, and sustainable fashion champion, will be opening the Ministerial Segment on 16 July, and launch a video:

<https://twitter.com/UNGeneva/status/997491751999934465>

Exhibition on forests, fashion and the SDGs from 8-20 July <https://www.unece.org/index.php?id=48878>

IUFRO Meetings

Search our online calendar for a full list of meetings:

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

Find non-IUFRO meetings on the IUFRO Noticeboard:

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

Also search for forest-related events in GFIS at:

<https://www.gfis.net>

6 Jul 2018

Joint Forum of Forest City and Green Sharing during the Eco Forum Global Annual Conference

Guiyang City, Guizhou Province, China

IUFRO [8.00.00](#)

Contact: Shirong Liu, liusr(at)caf.ac.cn

<http://www.efglobal.org/>

10 Jul 2018

HLPF Side event "Forests and Water on a Changing Planet: Scientific Insights for Building Sustainable and Resilient Societies"

New York, USA

Permanent Mission of Austria to the UN and IUFRO

Launch of the new [GFEP](#) report

Contact: Andre Purret, purret(at)iufro.org

<https://sustainabledevelopment.un.org/hlpf/2018>

9-14 Sep 2018

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

Christchurch, New Zealand

IUFRO [9.01.03](#)

Janean Creighton, Janean.Creighton(at)oregonstate.edu

<https://gcff.nz/news-and-events/iufro-extension-knowledge-exchange-working-party-9-01-03-conference/>

Other Meetings

16-20 Jul 2018

COFO 24 - World Forest Week

Rome, Italy

FAO; IUFRO-GFEP session on 20 July

<http://www.fao.org/about/meetings/cofo/en/>

20-23 Aug 2018

2018 World Conference on Timber Engineering

Seoul, Republic of Korea

Organized by National Institute of Forest Science (NIFoS)

<http://wcte2018.kr/home/>

26-31 Aug 2018

World Water Week

Stockholm, Sweden

Joint side event of FAO/SIWI/IUCN/IUFRO <https://programme.worldwaterweek.org/event/7827-understanding-the-forest-water-nexus-redefining-the-narrative>

29-30 Aug 2018

Restoration in Africa: Prospects and Opportunities

United Nations Office, Nairobi, Kenya

Global Landscapes Forum (GLF); <http://events.global-landscapesforum.org/nairobi-2018/concept-note/>