

European forests in a changing environment – air pollution, climate change and forest management

7th ICP Forests Scientific Conference
22-23 May 2018 in Riga/Latvia

Invitation

The 7th ICP Forests Scientific Conference offers the possibility to present results from various forest-related monitoring and research infrastructures, like ICP Forests, ICP Integrated Monitoring, eLTER, Critical Zone Observatories and related infrastructures.

Three decades of monitoring effects of air pollution in the International Co-operative Programme on Assessment and Monitoring of Air Pollution Effects on Forests (ICP Forests) under the UNECE Convention on Long-range Transboundary Air Pollution (CLRTAP) has provided long-term data series and a unique asset for the evaluation of status, trends and processes in European forest ecosystems in a changing environment. This year the conference will focus on the possibilities for mitigating or counteracting the consequences of environmental changes by selecting suitable tree species and using proper silvicultural methods.

We welcome scientists and experts from ICP Forests, the wider UNECE community under the Working Group on Effects (WGE) and beyond, partners and stakeholders, and all other interested scientists and experts from similar networks. We particularly invite researchers using ICP Forests data in their evaluations and modelling approaches.

Main topics

- Changes in environment and climate and effects on processes in forests under various management regimes
- Time series on forest ecosystem processes and their (inter)relationships
- Climate change adaptation of forests and their contribution to climate change mitigation

Background

Forests represent an immense resource, providing a number of ecosystem services from provision of wood and non-wood products, to the protection of biodiversity, provision of habitats, clean water supply, soil protection, climate regulation and recreation essential for human well-being.

Atmospheric pollution with nitrogen and heavy metals as well as ozone formation and climate change may jeopardize the provision of such ecosystem services, and the effects on various forest ecosystem components need to be critically evaluated and permanently monitored.

Since 1985, ICP Forests monitors forest condition and environmental drivers across Europe. The data is used by a large number of scientists investigating various policy relevant research questions.

Conference structure

In response to the requests by the participants of our previous conference, the 7th ICP Forests Scientific Conference will be longer and more emphasis will be given to the poster presentations. The conference will therefore be organized through one and a half day with keynote presentations (30 min) at the beginning of sessions followed by standard presentations (20 min). We particularly welcome poster presentations which will be announced by a one minute oral flash presentation prior to a social poster session.

The conference provides an annual platform to bring together forest scientists connected to ICP Forests as data providers and/or data users as well as scientists from other forest research infrastructures.

Expected output

A book of abstracts is produced and distributed prior to the meeting. A selection of presented results will be considered for the ICP Forests Executive Report 2018.

Scientific Committee

Karin Hansen	IVL Swedish Environmental Research Institute, Sweden
Bruno De Vos	INBO, Research Institute for Nature and Forest, Belgium
Nenad Potočić	Croatian Forest Research Institute, Croatia
Tom Levanič	Slovenian Forestry Institute, Slovenia
Lars Vesterdal	University of Copenhagen, Denmark
Walter Seidling	Thünen Institute of Forest Ecosystems, Germany

Time schedule

27/11/2017	First announcement
12/01/2018	Second announcement with logistics and abstract guidelines
09/03/2018	Deadline for abstract submission
26/03/2018	Confirmation of oral and poster presentations
16/04/2018	Deadline for regular online registration
02/05/2018	Final deadline for late registration
22-23/05/2018	7 th Scientific Conference
23/05/2018	Half day joint excursion with the Task Force Meeting of ICP Forests participants

Contact

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Please, visit the conference web site for more information: sc2018.thuenen.de

