



Institute for Atmospheric and Earth System Research



Changing ecosystems - Opportunities and challenges in integrated research



**Join the first INAR RI Ecosystems Scientific meeting at Oulanka Research station
20.-22.8.2018!**

The purpose of the conference is to bring together ecosystems researchers in Finland and to give an update of ongoing environmental studies. The conference will cover research on different ecosystems, across scales and scientific disciplines. Both experimental and observational approaches are included and appreciated. One aim of the conference is to promote communication and community building of the Finnish ecosystem research, an important part of integrated infrastructure development both nationally and internationally. **By participating, you will be experiencing the Big Bang of the Finnish integrative ecosystem research and contributing to it!**



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The conference will be divided into following sessions and tentative workshops:

Needs and challenges in scaling up from local to regional

Keynote: Needs and challenges in scaling up from local to regional, Tarmo Virtanen Univ of Helsinki

Links between biodiversity and climate change

Keynote: Climate as driver of long-term trends in freshwater invertebrate communities, Peter Haase Senckenberg Research Institute

Why do we need models in ecosystem science?

Keynote: topic TBA, Martyn Futter SLU

Mitigation of climate change through ecosystems

Keynote: topic TBA, Anne Tolvanen Univ. of Oulu)

New technologies and their possibilities in ecosystem research

Keynote: topic TBA, Mikhail Mastepanov, Lund Univ

Lateral Carbon Transport

Keynote: topic TBA, Hjalmar Laudon SLU

Workshop I Experiences and plans for technical solutions for long term experiments

Workshop II Data management (station level, research group level)

Workshop III Sustainable Research Infrastructures

Workshop IV Measurements across disciplines – how to achieve a real integration?

We will start the meeting on Monday 20th afternoon. One session will be held that evening, three sessions on Tuesday and two sessions in the morning of Wednesday 22nd and we will finish at lunch. The order of sessions and a detailed conference program will be announced later.

Registration

Registration and abstract call is open and closes in the end of July.

You can register from [here: https://elomake.helsinki.fi/lomakkeet/89704/lomake.html](https://elomake.helsinki.fi/lomakkeet/89704/lomake.html)

We invite to present your research in the conference. Therefore, please submit an abstract of 250 words and your preference for an oral presentation or a poster with the registration. The maximum number of participants due to accommodation limits is 60, so register soon to ensure your place!



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Costs:

There is no registration fee.

Each participant needs to cover their own travelling costs and accommodation at Oulanka station (2 x 47 €/day, including meals and housing). Payment at the site with cash and credit cards or by invoice. INAR RI Ecosystem will offer the transport from Kuusamo to Oulanka on the times specified below and extra costs during the conference.

Travels:

We will organise the transport from Kuusamo to Oulanka on Monday 20.8.:
Kuusamo airport for the flight AY489 from Helsinki at 12:20-14:00
Kuusamo bus station for the bus Oulu-Kuusamo at 11:00-14:00

And back to Kuusamo on Wed 22.8.:
to the flight AY490 to Helsinki at 14:20-16:00
to bus Kuusamo-Oulu at 13:20-16:00

<https://www.finnair.com/gb/gb>

<https://matkahuolto.fi/en/>

<https://www.vr.fi/cs/vr/en/frontpage>

Feel free to share this invitation further to potentially interested people.

Looking forward to see you at Oulanka!

Jaana Bäck

Riku Paavola

More information:

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<http://www.oulu.fi/oulankaresearchstation/>

<http://www.nationalparks.fi/en/oulankanp>

<https://www.helsinki.fi/en/inar-institute-for-atmospheric-and-earth-system-research>



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INAR RI Ecosystems is the ecosystems part of the Institute for Atmospheric and Earth System Research focusing on terrestrial ecosystem and biodiversity research and covers ecological infrastructures in forests, peatlands, agricultural fields and catchment areas in subarctic, boreal and urban/agro-ecosystems. The activities of INAR RI Ecosystems include upgrading research infrastructures at various ecosystem observation stations and experimental stations and laboratories, coordination of their national activities and creation of deeper co-operation between them as well as between ecosystem researchers in Finland.