



AnaEE Conference
Ecosystems services under pressure: the role of experimentation
27 – 30 June 2022
University of Life Sciences, Prague, CZ
First Circular

Rationale

Ecosystems services are crucial for society and human welfare. It is essential to protect ecosystem functioning in order to mitigate the challenges of the Anthropocene. Novel management strategies are needed to secure biodiversity, promote greenhouse gas reduction and carbon sequestration, ensure drinking water quality and quantity, and sustain or develop food production. Experimentation and modelling are of uttermost importance to understand the functioning of ecosystems and their behaviour under anthropogenic pressures such as climate change, pollution, land use and management practices.

The goals of the AnaEE Conference 2022 are to discuss the role of agriculture, forests and natural ecosystems in reducing GHG emissions and increasing carbon sequestration, as well as to discuss the importance of holistic approaches that integrate across ecosystem boundaries spanning from terrestrial to freshwater ecosystems. A stakeholder session will be held to summarize the outcomes of the conference and initiate a discussion aimed at policy makers, practitioners, farmers and industry, as well as other related scientific communities, to leverage the added value of the AnaEE infrastructure and find answers to the most pressing ecosystem challenges. At the end of the conference, a full day will be devoted to an internal AnaEE business meeting, and training for platform managers and other interested parties.

About AnaEE

Analysis and Experimentation on Ecosystems (AnaEE) is the European Research Infrastructure that brings together a series of state-of-the-art experimental and analytical platforms for ecosystem research throughout Europe. By linking these platforms to modelling approaches, AnaEE advances our understanding of the environmental impacts of ongoing global change, and fosters adaptation and mitigation strategies for safeguarding ecosystem services, as well as their societal and economic benefits.

Website of the conference

<https://anaeeconf2022.sciencesconf.org/>

4 Conference topics

- Climate resilience, greenhouse gas reduction and active carbon sequestration in agriculture
- The ecological continuum: from land to waters
- The future of managed and unmanaged forests under anthropic pressures: threats, risks, and solutions
- Modelling in ecology: understanding the functioning of ecosystems to predict their evolution, and connection with evidence-based policies

A meeting with the stakeholders of AnaEE will be organized, on the main theme of **agroecology**. This will be a unique opportunity for researchers and stakeholders, farmers, industry, policy makers, etc., to exchange and explore ways for future challenges and impact of research performed with AnaEE facilities.

Two AnaEE trainings will be also organized the last day:

- SEISM, the software for platform managers and AnaEE users
- Being FAIR for data and models in AnaEE DMC (TBC)

Invited speakers (preliminary list)

Prof. Jørgen E. Olesen (University of Aarhus, DK)

Dr. Elena Ormeno Lafuente (CNRS IMBE, FR)

Prof. Nadia Soudzilovskaia (University of Hasselt, BE)

Prof. Ioannis N. Athanasiadis (Wageningen University and Research, NL)

Dr. Päivi Merilä (LUKE, FI)

Call for Papers

Attendees are welcome to submit an abstract through the website of the conference, not later than 30 April 2022.

Important dates

Friday 7/01/2022: Web site opens for registration and abstract submission

Thursday 31/03/2022: Deadline for early bird registration and payment

Saturday 30/04/2022: Deadline for abstract submission

Tuesday 31/05/2022: Information on abstract acceptance, and oral/poster

Monday 27/06/2022: Conference starts

Wednesday 29/06/2022 pm: Stakeholder meeting

Wednesday 29/06/2022: Conference dinner

Thursday 30/06/2022: AnaEE business meeting and training sessions

Conference fee

	Regular	Student
Early bird (before 31/03/2022)	140 €	110 €
Late registration (after 1/04/2022)	160 €	130 €

Conference fees have to be paid in advance through the online site of the conference.

Venue and accommodation

The conference will take place at the Czech University of Life Sciences, Prague, Czech Republic. Details on the conference venue, travel, and accommodation will be posted in due time on the [conference web site](#).

