Summer School

Assisted migration for adapting forests to climate change

SAVE THE DATE

Monday 29th July to Friday 2nd Aug 2024

BACKGROUND

Forest trees have evolved at species and population levels to adapt to the local environment in which they grow. Such local adaptations lead to genetically differentiated populations, with traits that enable them to adapt to biotic and abiotic stress factors. As climate changes, forest tree populations are likely to respond in three possible ways: adapt, migrate, or become locally extinct.

Given the limitations in tree migration and rapid adaptation, it has been increasingly realized that human-facilitated realignment will be required to match the populations to the environment to which they are adapted. Such facilitated movement is commonly referred to as assisted migration, assisted colonization, assisted relocation, or facilitated migration.

This summer school aims to provide in-depth insight on Assisted Migration of forests in climate change with a focus on models to guide decision support. Participants will get hands-on experience in developing models to identify and spatially map adapted and maladapted populations of forest tree species in climate change. Candidates will also have a real-time understanding of the design, issues, and challenges of forest provenance trials through a guided excursion to provenance trials and forest nurseries.

ORGANIZERS

Austrian Research Centre for Forests (BFW)
The EVOLTREE network
Dr. Debojyoti Chakraborty (BFW)
Dr. Silvio Schueler (BFW)
Prof. Milan Lstibůrek (CZU)

APPLICATION AND REGISTRATION

The Summer School is open to MSc, & Ph.D. students, and Post-Docs in forest research and related disciplines.

Location

The training venue is the beautiful campus of the Austrian Research Centre for Forests (BFW), the Forest Training Center (FAST), located in the scenic town of Traunkirchen overlooking the beautiful Traunsee. The training center has state-of-the-art classrooms with boarding and lodging facilities.

Registration fee

The registration fee for summer school is 1200 Euros. This will cover stay and food during the lecture and excursion. Participants are expected to bear travel costs to the summer school venue.

Expected knowledge

Elementary skills in statistics and R programming
Language of instruction: English

Registration

Please fill in this form for registration

FUNDING

Limited financial support is available for participants from EVOLTREE partner labs. Please check the terms and conditions on the EVOLTREE website.

Should you need more information please contact:
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