

The FutureArctic-ForHot 2023 Workshop

“Joint Ecosystem Assessment on the Effects of Natural Soil Warming and N-input Manipulation on Subarctic Grasslands and Forests”

2nd – 5th of October, 2023

University of Tartu, Tartu, Estonia

The first joint ForHot workshop took place in Leiden, the Netherlands, in 2014 and similar workshops took place in 2016 at University of Antwerp, Belgium, and in 2017 at University of Vienna, Austria and in 2018 and 2019 in Sitges, Cataluña, Spain. In 2020 -2021 annual meetings were held remotely and 2022 we met again in Reykjavik. There we decided to have the 2023 workshop in Estonia.

The main aims of the Tartu workshop are to:

- Create a platform to get an in depth overview on the past and ongoing research activities within ForHot, back-to-back with the FutureArctic and other sub-projects in ForHot.
- Identify where different research groups can benefit from each other's data, i.e. build bridges between different research groups within the ForHot/FutureArctic consortium to stimulate further cooperation in carrying out research and reporting on its results, to help and encourage young scientists involved in this research area to publish their results.
- Identify knowledge gaps in the current ForHot research activities to assess the integrative effects of warming and N-input manipulation on ecosystem composition and functioning.
- Discuss and compare the results on various aspects of ecosystem functioning impacts of soil warming and to derive a conceptual framework on how different processes impact different compartments of ForHot and other high-latitude ecosystems.
- Create a venue where co-authors of different manuscripts can get together to forward their writing AND possibilities for initiating such activities.

Workshop main organizer: Bjarni D. Sigurdsson

Basic meeting structure

We would follow the earlier structure, two-days scientific presentations, discussions, sessions and one-day excursion to peatland under restoration and forest research area (SMEAR, FAHM).

I kindly ask all the PIs to a.s.a.p. send me requests about sessions they request to be organized at the meeting. A call for individual meeting presentations at the conference will be sent out later.

Arrival: ForHot/FutureArctic participants interested to organize any specific extra-session or group-work can arrive on Sunday, 1st of October and use the Monday (2nd of October). Our main workshop is on Tuesday-Wednesday (both in-situ and online) that we end with workshop dinner in Wednesday. In Thursday, 5th of October we offer an excursion to the peatland restoration and forest research areas in the southern and south-east of Estonia.

Departure: ForHot participants, busy with teaching or other commitments depart on Thursday (and miss the best excursion ever), and all the ‘lucky to have excursion participants depart on Friday 6th of October. They may, however, extend their stay and have a relaxing weekend in Estonia.

Monday 2/10/23	Tuesday 3/10/23	Wednesday 4/10/23	Thursday 5/10/23	Friday 6/10/23
FutureArctic/ForHot		FutureArctic/ForHot	FutureArctic/ForHot	All
Arrival Day	9:00 - 12:00 Opening + Mini conference	9:00-11:00 Session on xxx 11:00-14:00 Session on xxx	9:00-12:00 Excursion to peatland areas, restored with different techniques	Departure Day
Option to have extra- sessions	13:00 -16:00 Mini conference	14:00 - 16:00 Session on xxxxx	12-17 Excursion to forest research areas (SMEAR, FreeAirHumidification Manipulation)	
	16:00 -18:00 Session: Wrapping up FutureArctic	16:00 -18:00 Session on xxxxxxxxxx		
		Workshop dinner		

NOTE: Please send

ivika.ostonen@ut.ee (now)!

....a notification if you plan to attend the

ForHot workshop 2/10 – 5/10/2023

We do have some funding from FutureArctic to support the meeting that will be used to sponsor coffee, local transports and lunches during most of the meeting, but each participant of the FutureArctic-ForHot workshop will otherwise have to pay his/hers own travel and accommodation costs.

Practical information about flights and recommended hotels/hostels

You should book your flights as soon as possible.

Accommodation: We suggest hotels close to the city center have a walking distance of most of the university buildings — for example, hotels Dorpat, Lydia, V-Spa, Antonius hotel etc.

Cheaper options: Hektor, Airbnb etc

Traveling to Estonia by Plane

The largest international airport in Estonia is located in Tallinn, the capital of Estonia, with direct flights from many major European cities. Information on airlines, schedules, and customs is available on the website of Lennart Meri Tallinn Airport (<https://www.tallinn-airport.ee/en/>).

Unfortunately, there are no flights directly to Tartu at the moment.

Traveling to Estonia by Boat

Ferries link Tallinn with Stockholm and Helsinki. Tallink/Silja Line, Viking Line, and Eckerö Line are the main ferry operators.

Traveling from Tallinn to Tartu

Tartu can be reached by bus or train. Buses leave directly from Tallinn airport or the Tallinn bus station. Bus tickets can be bought online: <https://www.tpilet.ee/en/> or from the machine in the station.

There is no need to print the ticket out. You can show it from your phone.

There is also no need to go to the Tallinn bus terminal because all buses stop at the airport. Depending on arrival time, buying your ticket in advance is good because in hot hours, buses are full when arriving at the airport.

Trains from Tallinn to Tartu (<https://elron.ee/en>).

The train stop “Ülemiste jaam” is also very near the airport (Maps will be provided on second circular)

Local Organizers and Contact Info:

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