

ITEX MEETING 2025 Program

29 Sept

16:00

[Bus from Clariton Hotel Post Gothenburg to Nordens Ark](#)

18:00

Dinner

30 Sept

07:30–09:30 Breakfast

08:45–10:30 Opening

09:00 Intro + practical things

09:15 NJB Special Issue
Friederike Gehrman

09:30–10:30 Nordens Ark intro (½ grp, 30 min) / Tiger tour (½ grp, 30 min)

10:30–11:00 Fika

11:00–12:30 Session 1 — Plant Traits & Functional Ecology Leader: Christian R

11:00 Borealization of plant communities in the Arctic is driven by boreal-tundra species
Mariana García Criado

11:15 Intraspecific functional trait responses to experimental warming vary with precipitation and growth form
Sonya R. Geange

11:30 Microtopography acts as alpine plant refugia in a warming climate
Ditte Marie Christiansen

11:45 How environment affects ontogenetic differences in leaf functional traits of woody plants
Ziyan Zhang

12:00 A 100-year vegetation changes in the Swedish Sub-Arctic: functional trait turnover towards taller but slow-growing species.
Magnus Gundersen Lihn

12:15

Reshaping Alpine–Arctic ecosystems: how climate change is driving shifts in plant functional traits and community composition

Wouter Hantson

12:30–13:30

Lunch

13:30–15:30

Excursion — Nordens Ark

15:30–16:00

Fika

16:00–17:00

Session 2 — Ecosystem Function & Productivity

Leader: Cassandra

16:00

Fine scale remote sensing of tundra environments using UAVs

Matthias Siewert

16:15

How a peat bog responds to warming

Niels Gudmand Christiansen

16:30

Arctic Coastal Wetland and Tundra Reveal Similar CO₂ Sensitivity but Divergent CH₄ Responses to Warming and Flooding

Katharine Kelsey

16:45

Ecotypic variation and the timing of senescence in a changing arctic climate.

Ned Fetcher

18:00

Dinner

1 Oct

07:30–09:30

Breakfast

09:00–10:15

cont. Session 2 — Ecosystem Function & Productivity

Leader: Cassandra

09:00

Winter icing and summer warming increase CO₂ emissions and prevent icing-induced decomposition decline in Arctic tundra

Matteo Petit Bon

09:15

Acclimation and adaptation led the response of Salix species leaf photosynthesis to environmental gradients in the High Arctic (Qarlikturvik glacier valley, Nunavut, Canada)

Vincent Maire

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Session 3 — Biodiversity & Taxonomy

Leader: Bob

09:30

Declining or thriving? Climatic affinity of Arctic plants explains their abundance trends.

Jeremy Borderieux

09:45

Genome-wide changes associated with 24 years of warming in tundra plants

Cassandra Elphinstone

10:00

Thriving in the Shadows: Expansion of Rubus chamaemorus (Cloudberry) in the Arctic Tundra

Paulo C. Olivas

10:15

The influence of shrub-moss interactions on shrub growth responses to climate change

Alba Anadon-Rosell

10:30–11:00

Fika

11:00–12:30

Workshops

— ITEX and the science-policy interface: feeding scientific knowledge into policy-making

— Trait-Climate Connections Up Close: Manuscript Working Group Meeting

— Mycorrhizal abundance and diversity across the ITEX network

12:30–13:30 Lunch

13:30–17:00 Excursion — Ramsviklandet

18:00 Dinner

2 Oct

07:30–09:30

Breakfast

09:00–10:30

Session 4 — Soil & Belowground Processes

Leader: Siri

09:00

Permafrost thaw and warming enhance decomposition in palsa peatland
Inge Althuizen

09:15

Flooding has little impact on soil respiration and methanogenesis responses to temperature in high latitude wetlands and tundra
A. Joshua Leffler

09:30

The hare and tortoise of arctic methane
Jan Dietrich

09:45

Biocrust-plant interactions in a warmer Tundra: learnings from a 7yr ITEX site in Iceland
Alejandro Salazar

10:00

Warming-driven root decomposition in a shrubifying Arctic
Sarah Schwieger

10:15

The role of mycorrhizal type and plant dominance in regulating nitrogen cycling in Oroarctic soils
Robert G. Björk

10:30–11:00

Fika

11:00–12:30

Workshops

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ArcSeed: integrating seed traits into Arctic tundra research

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Winter Ecology + Carbon stuff

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Small meetings

12:30–13:30

Lunch

13:30–15:00

Poster session and Fika

16:30–17:30

Excursion — Smögen

18:00

Dinner at Hamnen⁴ on Smögen

3 Oct

07:30–09:30

Breakfast

09:00–10:30

cont. Session 4 Leader: Siri

09:00

Warming and Biotic Interactions Shape Soil Processes in Tundra Ecosystems

Sidonie Loiez

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Session 5 — Species Interactions & Community Dynamics

Leader: Alessandro

09:15

Hearing the grass grow: advances in alpine grassland phenology

Christian Rixen

09:30

The influence of shrub-moss interactions on shrub growth responses to climate change

Alba Anadon-Rosell

09:45

Species-specific mechanisms underlie the rise of shrubs in a warming Arctic

Ruby An

10:00

Warming reversed the positive N effect on productivity through altering species richness and compensatory dynamics over nine years

Xiaoyi Wang

10:15

The winners and losers of Arctic and alpine plants in a warming world

Ragnhild Gya

10:30–11:00

Fika

11:00

Plant regeneration from seed in the changing Arctic

Sergey Rosbakh

11:15

The role of pollination in structuring plant community composition at high latitudes

Wilhelm Osterman

11:30–12:30

ITEX general things

12:30–13:30

Lunch

13:30

Bus from Nordens Ark to Clariton Hotel Post (arrive ~15:00)

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END