

Poster Session ITEX Meeting 2025

Assessment of long-term warming and grazing cessation on specialized metabolite composition in *Empetrum nigrum* leaves

Inghild Ryde

Flexible: an R package to calculate ecosystem gas fluxes from closed loop chamber system in a reproducible and automated workflow

Vigdís Vandvik

Fine-scale taxonomic resolution confirms trampling's differential impacts on alpine plant species in southern British Columbia

Nina Hewitt

Functional group turnover and greening trajectories in an alpine plant community over the last three decades

Lea Amrein

Tundra warming drives *Eriophorum* expansion and *Betula nana* growth

Vanessa Goetz

Tundra vegetation change using UAV and satellite data along an elevational and climatic gradient in Northern Sweden

Julia Wagner

Linking vegetation change in permanent plots to regional ecosystem change in Arctic Alaska

Robert Hollister

Shedding light into a cloudy future

Blandine Llyonnard

Beyond borders – Using plant functional traits to unravel the effects of warming and competition on range-expanding plant species

Nadine M. Arzt

Adaptational lag in phenology: Understanding senescence timing in *Eriophorum vaginatum*

Bjorn Larson

Borealization in Northern Finland: Impacts on biodiversity and carbon balance

Gangotri Chattopadhyay and Lea Opitz

Warm pockets in cold places: Landscape heterogeneity and plant adaptation

Kai Sattler

How do plants influence ecosystem processes in a warming tundra rangeland?

Axel Ingi Einarsson

Understanding plant community response to changing snow conditions using plant functional traits

Liyyenne Hagenberg

Tundra plant community productivity in a changing climate

Alexandra M Barry

Investigation of nitrogen cycling during shoulder seasons under long-term warming in Arctic tundra

J.J Young Jung

Responses of biological soil crust during a late-winter warming event in the oroarctic

Aurora Patchett

Soil organic matter characteristics under different vegetation groups in Adventdalen, Svalbard

Sungmin Nam

Meshbag analysis: Changes in mycorrhizal abundance and diversity in warming tundra ecosystems

Alexander Cammaerts

Approaching two decades of change in Tongait KakKasuangita SilakKijapvinga (Torngat Mountains National Park), Nunatsiavut, Labrador

Andrew Trant

Exploring the role of mycorrhizal associations in shrub expansion across the tundra biome

Lisa Pikirton

Effects of temperature and invertebrate herbivory on seedling survival in alpine ecosystems

Kari Klandrud

Lagged range shifts of trees below the treeline track climate velocity despite recent deceleration

Shengwei Zhong

The effect of experimental warming on seedling recruitment at Finse, Norway

Siri Lie Olsen

Effects of long-term snow manipulation on vegetation in a High-Arctic site

Sara Pastorealdi

Insights and challenges from floristic summit monitoring at two re-integrated GLORIA sites: Berchtesgaden (Germany) and Streymoy / Eysturoy (Faroe Islands).

Anke Jentsch

Count flowers to learn about plant competition for pollinators

Maria Pavlotskaia

Understanding plant community response to changing snow conditions using plant functional traits

Lyenne Hagerberg

The role of functional traits of sub-alpine colonizers

Mikel Morana Amendariz