

From decade to millennium

The 10th ITEX meeting 22nd – 25th September 2000
Abisko Scientific Research Station, Abisko, Sweden

Program

Friday September 22

Arrivals
Registration
Welcome reception at the Tundra bar

18.00 Dinner

Saturday September 23

Formalities Chair: Ulf Molau

08:30- 08:40 **Ulf Molau:** Welcome, practicalities.
08:40-09:10 **Philip Wookey,** ITEX chair: Workshop goals
09:10-09:40 **Terry V. Callaghan,** director of the Abisko Station: Introduction to the station.

Project reports

09:40-10:05 **Robert D. Hollister,** Patrick J. Webber, Steven P. Rewa and Craig E. Tweedie:
Multi-year trends in plant response to ITEX open-topped chambers in Barrow
and Atkasuk, Alaska

10:05 – 10:30 Refreshments and posters

Project reports, continue Chair:

10:30- 10:55 **Craig Tweedie,** Robert D. Hollister and **Patrick J. Webber:** Change in
community composition and structure in response to simulated and observed
regional warming on the Alaskan North Slope.
10:55- 11:20 **Håkan Hytteborn:** Mountain birch saplings in OTCs, and the effects of OTCs
on wind and evaporation.
11:20-11:45 **Sofie Mertens,** Fred Kockelberh, Louis Beyens and Ivan Nijs: End-of-season
tundra CO₂-exchange.
11:45-11:55 **Örjan Totland:** Site report from Finse, Alpine Norway: *Dryas octopetala* once
again,
11:55-12:00 **Steven P. Rewa,** Craig E. Tweedie and Robert D. Hollister: A metadata database
for ITEX

12:00-13:30 Lunch

Project reports continue Chair:

13:30-13:55 **Anne Tolvanen** and Gregory H.R. Henry: Carbon and nitrogen concentrations at increased temperature in high arctic plants of different life forms

13:55-14:20 **Gregory Starr**, Steven F. Oberbauer and Dawn S. Newman: Physiological response of two arctic sedges to changes in soil temperature.

14:20-14:45 **Gaku Kudo** and Shizuo Suzuki: Warming effects on growth, production and vegetation structures of Alpine shrubs in the Taisetsu Mts. Northern Japan.

14:45-15:10 **Marilyn Walker**: Long and short-term responses to warming: Can we sort them out?

15:10- 15:35 **Ulf Molau**: Impacts of induced environmental stress and pulse on a tundra meadow community.

15:35- 16:00 Refreshments and posters

Project reports, continue Chair:

16:00-16:25 **Julia Klein**, Zhao Xin-Quan, and John Harte: Climate warming and grazing effects on rangelands of the eastern Tibetan Plateau.

16:25- 16:50 **Per Mølgaard**: No title

Invited lecture

16:50-17:35 **Urban Emanuelsson**: Historical changes in the cultural landscape in the Abisko area.

18:00- Dinner and Tundra Bar

Sunday September 24

Project reports, continue Chair:

08:30-08:55 **Carsten Dormann**: Biotic processes in a changing climate: what to monitor?

08:55-09:20 **Hans Cornelissen**, Rien Aerts, Terry Callaghan, Ellen Dorrepaal, Richard van Logtestijn: Two new ITEX global change experiments in Abisko, Sweden.

Connections and overlaps with other projects and programs

09:20-09:45 **Anna Stenström**, Ingibjörg S. Jónsdóttir, Olle Jansson, Torbjörn Fagerström and Magnus Augner: Variation in *Carex bigelovii*, *C. ensifolia*, *C. lugens* and *C. stans*.

09:45-10:10 **Greg Henry**: Plant biodiversity across the Canadian Arctic: results from the Tundra Northwest 99 Expedition.

10:10 – 10:35 Refreshments and posters

Connection and overlaps with other projects and programs, continues Chair:

10:35-11:00 **Ad Huskies: RiSCC, the Southern ITEX?!**

11:00-11:25 **Howard Epstein, M.D. Walker, F.S. Chapin III and A.M Starfield: A dynamic vegetation model for arctic tundra**

11:25-11:45 **Ingibjörg S. Jónsdóttir: CAFF/ITEX monitoring program**

12:00-13:30 **Lunch**
Jim Moore, JASS, Database management for ITEX.

13:30- 15:30 *Excursion around the Abisko station*

15:30 – 16:00 Refreshments

16:00 – 17:30 Poster session

18:00 Dinner and Tundra Bar

Monday September 25

08:30- 12:00 (intervened by refreshments)

Working groups:

- The second ITEX synthesis workshop. Chair: Marilyn Walker
- ITEX contacts and overlaps with other programs. Chair: Ingibjörg S. Jónsdóttir
- Winter conditions. Chair: Philip Wookey
- Biotic interactions and upscaling. Chair: Ulf Molau
- Others?

12:00- 13:30 Lunch

13:30 – 15:30: *Working groups, continue*

16:00 *Workshop wrap-up*

18.00 Dinner and Tundra bar

Tuesday September 26

09:00–10:00 Departures

Excursion to Latnjajaure