

INTERACT

International Network for Terrestrial Research and Monitoring in the Arctic

***Morten Rasch
Chairman
INTERACT Station Manager Forum***



www.eu-interact.org



Forum of Arctic Research Operators Meeting
Arctic Science Summit Week 2015
25 April 2015, Toyama, Japan

About

INTERACT is a network of 73 arctic terrestrial research stations.

The main objective of INTERACT is to build capacity for identifying, understanding, predicting and responding to diverse environmental changes throughout the wide environmental and land-use envelopes of the Arctic.

INTERACT supports international initiatives on terrestrial research (e.g. SAON, CBMP, IASC, AMAP, IPA/CALM, ITEX and relevant EU ESFRI projects like LifeWatch, ICOS and SIOS).



Scope

Disciplinary

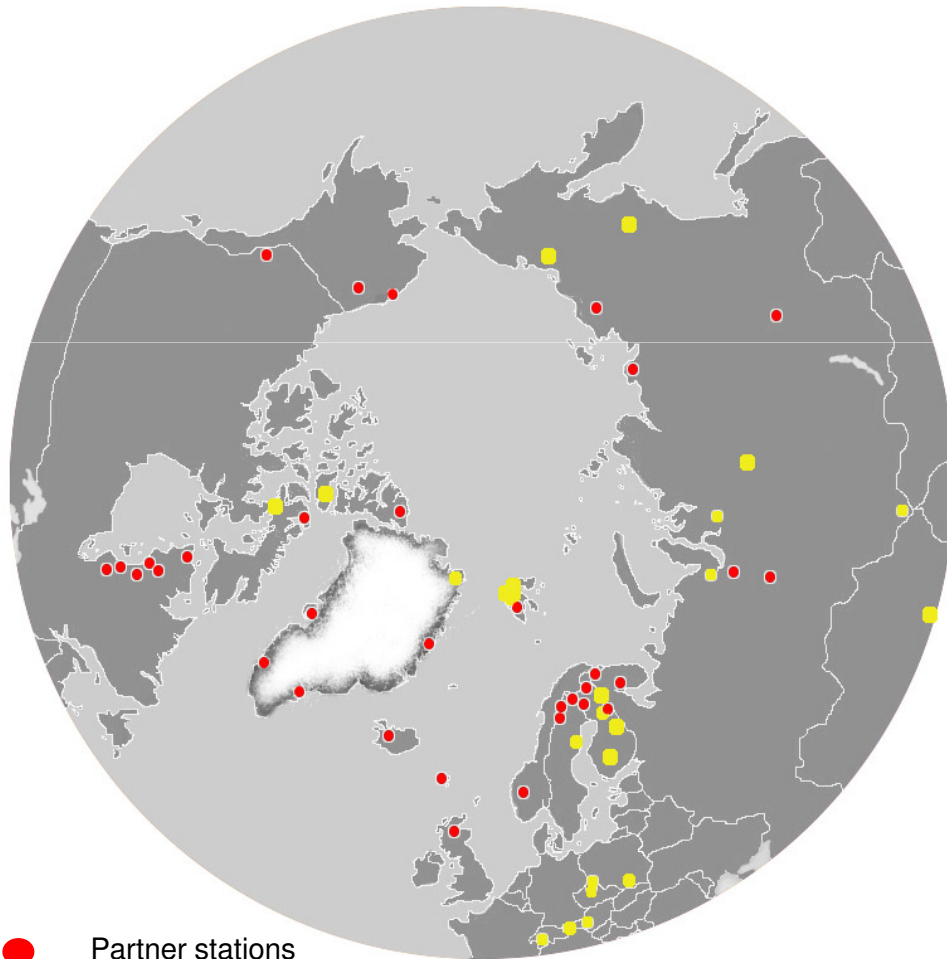
INTERACT focus on the land-surface, freshwater and glacial domains. INTERACT links to Atmospheric, Coastal and Marine initiatives.

Geographical

INTERACT focus on the Arctic and neighbouring forest and alpine regions. It is not exclusive, but its main focus remains arctic and terrestrial. We link to global initiatives.



Actors



- Partner stations
- Observer stations with MoU's signed

Station Managers – c. 73

Coordinators

Coordinator - *Margareta Johansson*

Science Coordinator - *Terry V. Callaghan*

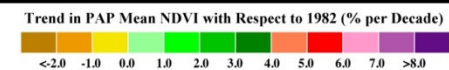
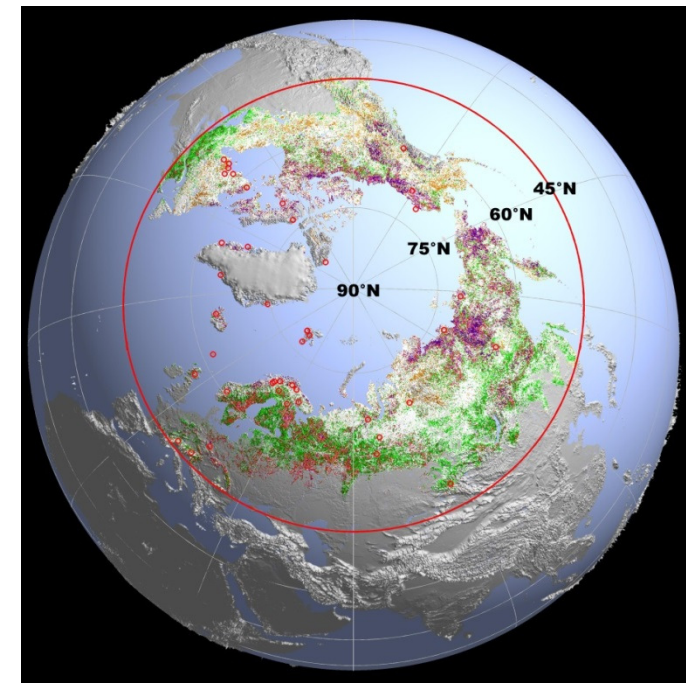
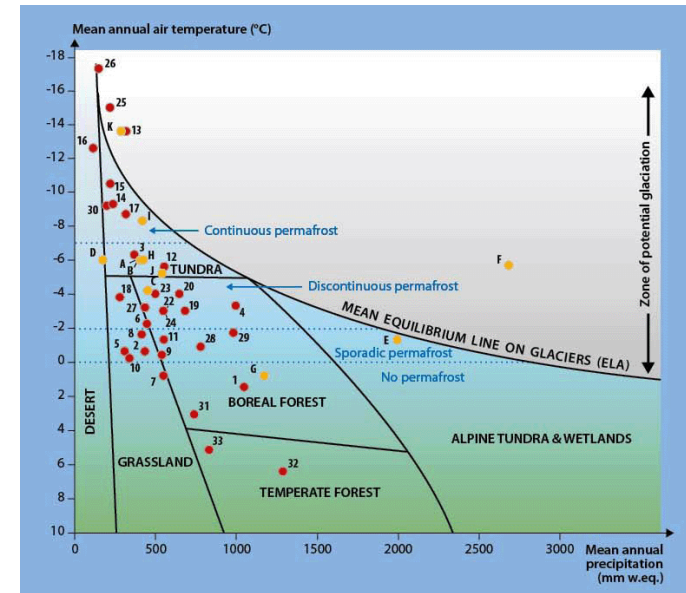
Chair of Station Managers Forum – *Morten Rasch*

Support staff

Partner and Observer Organisations

Visions

- **Strategically sampling** the northern environmental envelope
- **Detecting** change
- **Building capacity** to understand, predict and respond to long-term change and events
- **Implementing** international research and monitoring agendas
- **Facilitating** rapid response to hazards
- **Representing** the North in global environmental initiatives



Achievements, 2011-15

During 2011-15 INTERACT has:

- Grown from being 33 stations to becoming 73 stations.
- Provided c. 7,500 man days of access to the field in Europe, Russia and North America to c. 450 scientists.



Achievements, 2011-15

During 2011-15 INTERACT has:

- Established cooperation with all the 'big players' in arctic terrestrial research incl. SAON, ISAC, IASC, AMAP, CBMP, CAFF, GEO and WWF.
- Produced a number of publications of relevance to the scientific community and managers of research stations, including a Station Catalogue (a new version including 73 stations will be available in three weeks), a text book on research station management, and a report and a database on research and monitoring at INTERACT stations.



Best practices of station management

A textbook on research station management

11 Themes, 328 pages:

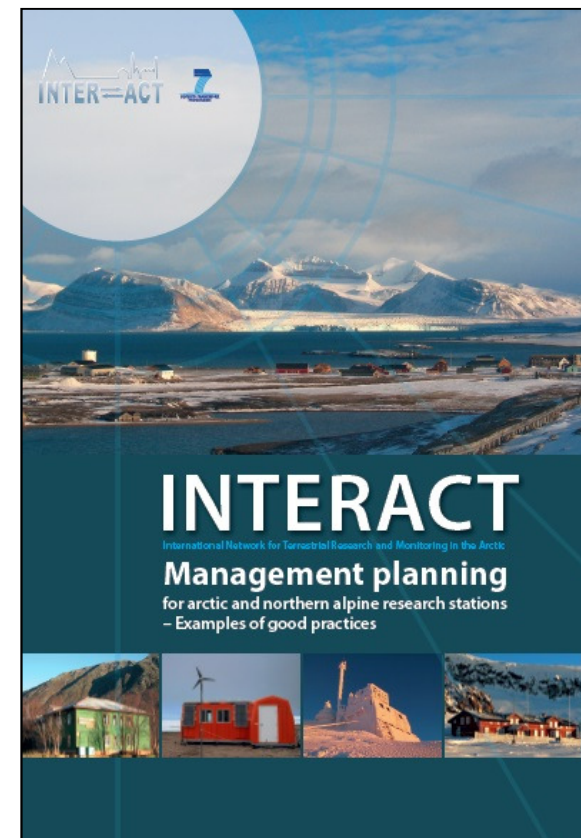
- 1 Management planning
- 2 Policies
- 3 Staff
- 4 Visitors
- 5 Permit issues
- 6 Health and safety
- 7 Environmental impact
- 8 Outreach and marketing
- 9 Research and monitoring
- 10 Training and education
- 11 Knowledge capture and data management

Available as pdf on:

www.eu-interact.org

Order hardcopy from:

Elmer Topp-Jørgensen, jetj@bios.au.dk



Beyond 2015

INTERACT was funded by EU FP7 from 2011 to 2014. In 2014 the project was extended for one year. A relevant EU Horizon 2020 call will be out in December 2015 with deadline in March 2016. INTERACT will apply for continuation.

The plan is therefore to continue the work beyond 2015. In 'INTERACT II' we will e.g. focus even more on cooperating with relevant international organisations, providing transnational and virtual access for even more stations and beyond Europe, and help setting up natural hazard warning systems.