



INTERACT

International Network for Research and
Monitoring in the Arctic

Aim: *Capacity building for monitoring and
research in the Arctic facilitated by terrestrial
infrastructures*

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on behalf of INTERACT consortium



Background



INFRA-2010-1.1.19: Research Infrastructures for Polar research
A project under this topic should aim at integrating the key research infrastructures for polar research: interdisciplinary observation and monitoring stations for atmospheric, terrestrial and/or marine studies.

Background

SCANNET 2010 – 34 sites

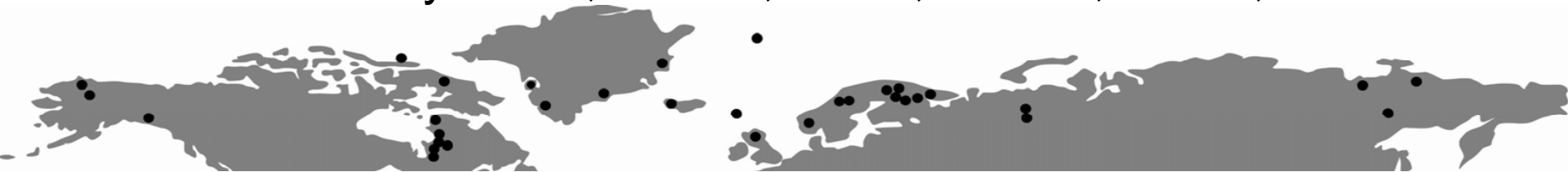


Consortium

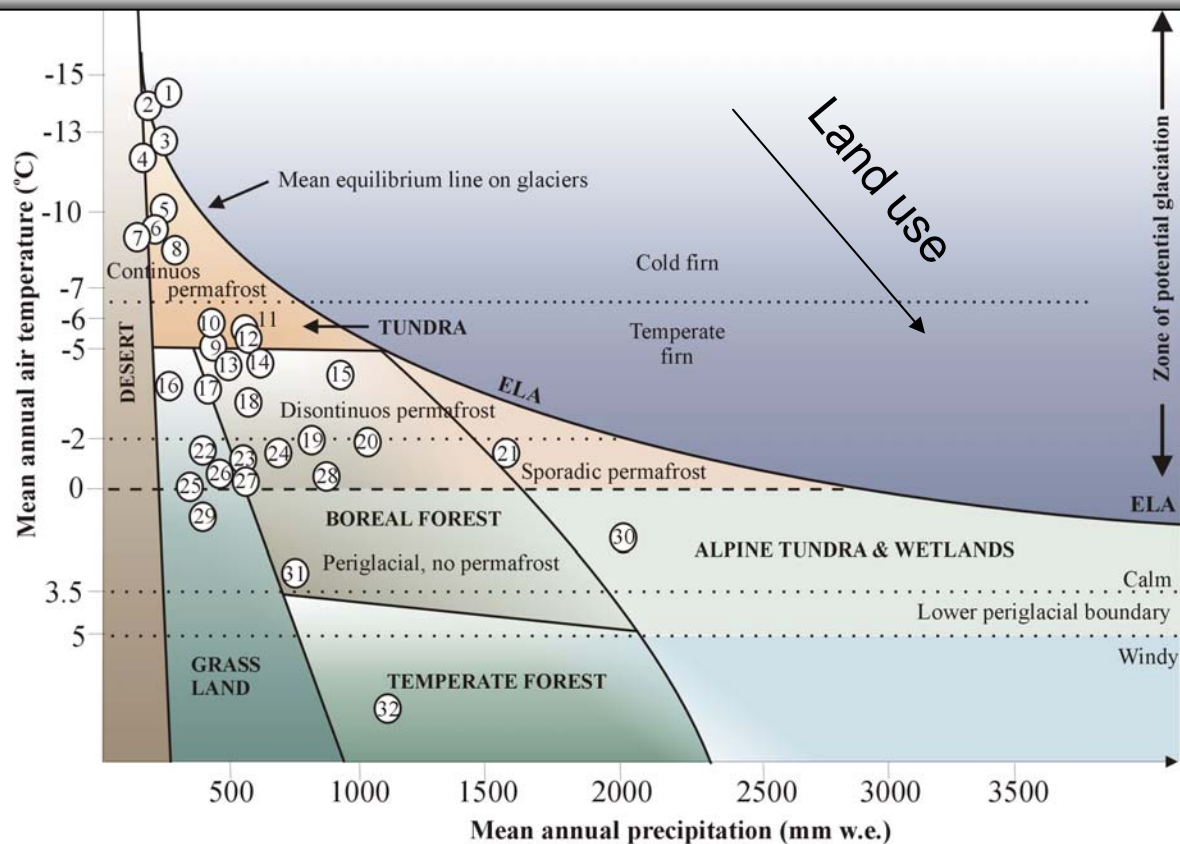
32 Partners from 14 countries
(including all Arctic countries)



28 Infrastructures from around the Arctic
Endorsement by IASC, SAON, ISAC, CBMP, WWF, AMAP



Climate Envelope with INTERACT sites



- | | | | |
|---------------------|-------------------------------|----------------------------|-----------------|
| 1. Chokurdakh | 10. Salluit | 19. Kilpisjärvi | 28. Khibiny |
| 2. Bylot Island | 11. Nymto Park Station | 20. Finse | 29. Abisko |
| 3. Samoylov | 12. Lac à L'Eau Claire | 21. Sermilik Station | 30. Sornfelli |
| 4. Barrow | 13. Boniface River | 22. Kevo | 31. Litla Skard |
| 5. Spasskaya Pad | 14. Whapmagoostui-Kuujuarapik | 23. Mukhrino Field Station | 32. Cairngorms |
| 6. Zackenberg | 15. Tarfala | 24. Radisson | |
| 7. Ward Hund Island | 16. Kluane Lake | 25. Svanhovd | |
| 8. Toolik Lake | 17. Arctic Station | 26. Kolari | |
| 9. Sverdrup | 18. Umiujaq | 27. Oulanka | |

Work Packages

WP1 Management and Coordination

WP2 Station Managers' Forum – monitoring standards

WP3 International Cooperation

WP4 Trans-national Access

(28 infrastructures offering TA) – open research

WP5 Virtual Instrumentation

WP6 Measurements of terrestrial
biospheric feedbacks to climate

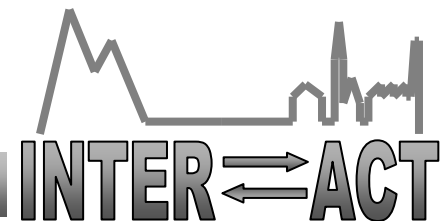
WP7 Data management

WP8 Outreach

} better monitoring

Transnational Access??

- Transnational Access means that each station will offer free access and services to international researchers and the max length of visit is three months
- INTERACT has over-all promised to offer 10 433 days in four years, in 18 stations, in seven countries: the least number of days offered by a station is 35 days and the most is 2 120 days.
- The total access cost is estimated to be ca 1.8 million EUR
- The first call for users is out now, in March 2011, for the summer season 2011.
- In total there will be six calls with the possibility for a seventh. Future calls will target various priorities



Transnational Access - Finland



Oulanka Research Station,
person-day 641



Kevo Subarctic Research Institute,
person-day 505



Kilpisjärvi Biological Station,
person-day 439



Kolari Research Unit,
person-day 117

Transnational Access - Norway



Finse Alpine Research Center
person-day 417



Bioforsk Soil and Environment Svanhovd
person-day 792

Transnational Access



Faroe Islands

Faroe Island Nature Investigation, FINI
person-day 823



Scotland

Alt a'Mharcaidh, ECN Cairngorms
person-day 35



Iceland

Litla-Skard Monitoring Station
person-day 41

Transnational Access - Greenland



Zackenberg Research Station
person-day 1047



Arctic Station
person-day 262



Sermilik Research Station
person-day 331



Greenland Institute of Natural Resources, Nuuk
person-day 307

Transnational Access - Russia

Shapsha-Mukhrino Field Station
person-day 780



Chokurdakh Research Tundra Station
person-day 55



Spasskaya Pad Research Station
person-day 55

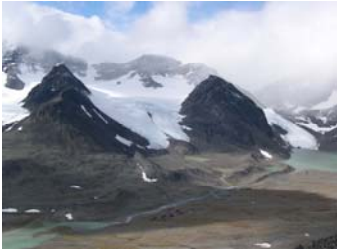


Khibiny educational-scientific base
person-day 172



Research Station Samoylov
person-day 1033

(Transnational Access – Sweden)

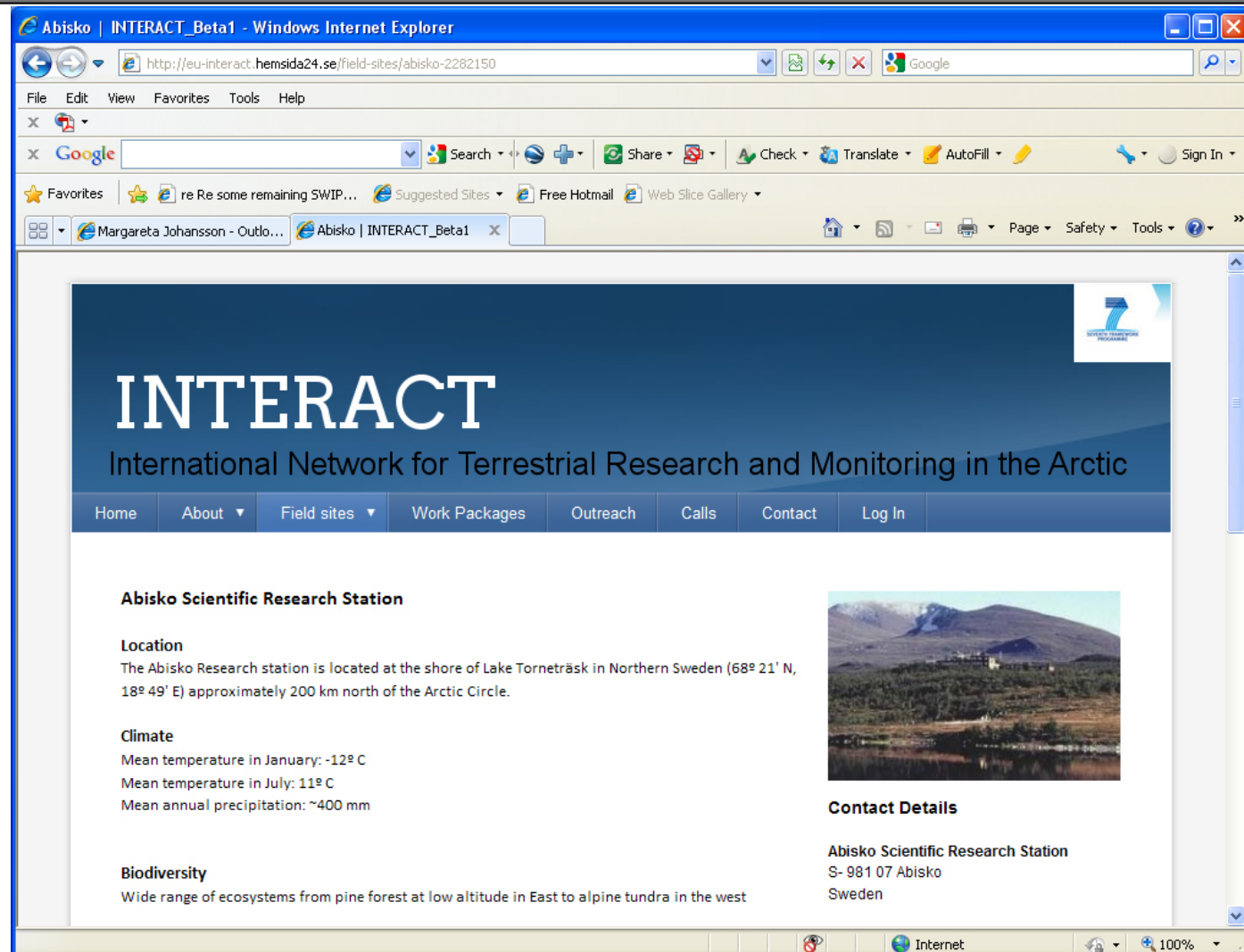


Tarfala Research Station,
person-day 419



Abisko Scientific Research Station
person-day 2120

Information on the infrastructures



Please keep updated on our web site
www.eu-interact.org



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