

WP 5 – Giving Access to INTERACT



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Aim of the WP

The main objective of Work Package 5 is to increase **societally-relevant key research** activities throughout the Arctic and neighbouring alpine and forested regions.

- Offering physical, remote and virtual access
- Develop and implement an online application&evaluation&reporting management tool
INTERACCESS
- Extend the research user community
- Share knowledge on completed research and provide outreach

Partners involved in the WP

Physical TA is offered by 43 stations, RA by 17 stations and the goal for VA is 29 stations by 2020.

- Researchers from 17 countries used TA during PR1 (Oct 2016-March 2018)
- blog, instagram and facebook
- TA user community meetings & TA Ambassadors



Achievements so far: INTERACCESS online tool

Online INTERACCESS tool in operation

INTERACCESS

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INTER = ACT

Available Calls

My station report

ADMIN

Users

Calls

Applications

Stations

Mailing lists

Email tools

Submission Statistics

Statistics

Reports

Chart Reports

Available Calls

INTERACT Transnational Access and Remote Access call for s/s 2019 and a/w 2019-2020

Open on **August 13, 2018** close on **October 12, 2018**

expire in 21 days
status open

The call is for INTERACT Transnational Access (TA) to 43 stations and Remote Access (RA) to 18 stations. Stations offering TA or RA are located across the Arctic and northern alpine and forest areas in Europe, Russia and North-America. The sites represent a variety of glacier, mountain, tundra, boreal forest, peatland and freshwater ecosystems, providing opportunities for researchers from natural sciences to human dimension. Note: applicants are not eligible for TA to their national infrastructures, i.e. stations that are located in the same country or operated by institutions located in the same country in which the applicant is working/residing. For example, scientists working in Finland are not eligible for TA to Finnish research stations, scientists working in UK are not eligible for TA to UK Arctic Research Station in Svalbard, scientists working in Denmark are not eligible for TA to research stations in Greenland, operated by Danish institutions, etc.

Available stations

- Kajbasovo Research Station (Russia)
- Cairngorms (Scotland, UK)
- Rif Field Station (Iceland)
- Villum Research Station (VRS) (Greenland/Denmark)
- Sermilik Research Station (Greenland/Denmark)
- Arctic Station (Greenland/Denmark)
- Western Arctic Research Centre (WARC) (Canada)
- Toolik Field Station (USA)
- Elgeii Scientific Forest Station (Russia)
- Research Station Samoylov Island (Russia)
- Mukhrino Field Station - Nymto Park (Russia)
- M&M Klapa Research Station (Poland)
- Station Hintereis (Austria)
- Kainuu Fisheries Research Station (Finland)
- Kolari Research Unit (Finland)
- Khanymei Research Station (Russia)
- Faroe Islands Nature Investigation (FINI) (Faroe Islands)
- Sudurnes Science and Learning Center (Iceland)
- Zackenberg Research Station (Greenland/Denmark)
- Greenland Institute of Natural Resources (GINR) (Greenland)
- CEN Whapmagoostui-Kuujuarapik Research Station (Canada)
- Kluane Lake Research Station (Canada)
- Chokurdakh Scientific Tundra Station (Russia)
- Spasskaya Pad Scientific Forest Station (Russia)
- Aktru Research Station (Russia)
- Khibiny Educational and Scientific Station (Russia)
- Sonnblick Observatory (Austria)
- Hyttiala Forest Research Station (SMEAR II) (Finland)
- Oulanka Research Station (Finland)
- Pallas-Sodankylä Research Station (Finland)

Achievements so far: Trans-national Access, incl. Remote Access

TA / RA Call	No Applications	Eligible applications	Station supplied	Days applied	Projects granted	Days granted	Success rate (%)
1 st TA/RA Call	108	104	34	4251	58	1689	56
2 nd TA/RA Call	81	81	38	3367	47	1464	58
1 st RA Call	3	3	10	55	1	30	33
2 nd RA Call	6	6	12	197	2	20	33
3 rd TA/RA Call	Ongoing –Deadline on 12th October						
TOTAL	194	190	40	7870	108	3203	57
Offered in GA			43	7820		7820	

Altogether, 3200 of person-days (41%) and 721 000 EUR ODC (46%) have been granted/used on the consortium level > two calls left to be granted, in Aug-Oct 2018 (for 2019) and in Aug-Oct 2019 (for 2020)

- New scientific findings done by 108 research projects
- relevance to societies

Achievements so far: Virtual Access

- INTERACT Virtual Access single-entry point
 - User friendly easy accessible data
 - Increased World Wide use of stations' data
- > New research projects, networking, funding proposals etc

VIRTUAL ACCESS

Facebook Twitter RG ResearchGate Google+

Virtual Access in INTERACT

Virtual Access (VA) means free access to stations' data and databases. Altogether 29 research stations located in the Arctic and northern forest and alpine areas will offer Transnational Access by 2020.

Below you can find a listing of the INTERACT partners that currently offer Virtual Access, including a description of the data or database available and a link to it.

When using the data retrieved via Virtual Access in publications, please acknowledge the Partner/station/database providing the data and INTERACT Virtual Access under EU-H2020 Grant Agreement No.730938.

Partner	Description of the VA offered	Link to the data/database
Centre d'études nordiques (CEN)	CEN studies geosystems and ecosystems (terrestrial, freshwater and coastal) in the changing Arctic. The CEN Network is composed of 9 research stations and over 110 automated climate stations, and extends across a 4000 km gradient of ecozones, from boreal forest to extreme polar desert environments in the Canadian High Arctic. To archive and disseminate environmental data from this network and from other Arctic research and monitoring activities, CEN has established Nordicana D (www.cen.ulaval.ca/nordicanaD/), a formatted, peer-reviewed, online data publication series. Produced only in electronic form, the data entries can be updated, and derived values (daily, month and annual means) are freely and openly accessible. Each volume is indexed via an assigned Digital Object Identifier (DOI), which provides citation credit to the research group or individual. The volumes are cross-referenced in Polar Data Catalogue (www.poldata.ca/), and contain extensive metadata, photographic documentation, and citation details. To date, 28 data series have been published, ranging from 29 years of climate station data. The average weather we would expect over a long period of time (seasons, years, decades). Climate varies from place-to-place across the Earth. Climate is determined by long-term lower at least, station data, to multi-year data from transects of borehole and near-surface ground temperatures, to groundwater monitoring, lake ice photographic data, microbiological DNA reference sequences, and lemming population monitoring data.	Nordicana D
Greenland Institute of Natural Resources, Aarhus University, University of Copenhagen, Asiaq - Greenland Survey, National Geological Survey of Denmark and Greenland	Greenland Ecosystem Monitoring (GEM) is an integrated monitoring and long-term research programme on ecosystems and climate change effects and feedbacks in the Arctic. Data collected via GEM at the stations Zackenberg Research Station, Nuuk-Basic and Arctic Station is freely available and covers more than 3000 variables measured on a continuous basis spanning bio-, climate-, geo-, glacio-, and marine parameters. Metadata describing the data and links to specific manuals are included in the database or at the GEM homepage (www.g-e-m.dk/).	GEM database
Aurora Research Institute	The Aurora Research Institute (ARI) maintains a collection of scientific research license information for studies conducted within the Northwest Territories (NWT), Canada. ARI has developed the NWT Research Database to make this research licensing data publicly available. This database is a compilation of license information from various processes that have been in place for administering the NWT Scientists Act since 1974.	NWT Research database
Natural Resources Institute Finland	Kainuu Fisheries Research Station (KFRS) offers over forty-year-long time series (catch, cpue, size and age of the fish since 1974) of the most commonly caught fish species that have been collected from lake Oulujärvi (surface area 928 km ²) situated nearby the KFRS. The data has been processed to include, for example, the annual mean, median, and range of each species. In addition, water temperature and water quality data from the station is available as background information. Kolarí Field site of Natural Resource Institute Finland offers access to metadata of long and short term ecological research data concerning boreal forests, sub-arctic flora and fauna and use of polar nature. Long term data consists of timberline studies and phenomenology of Northern Finland. Metadata of the data has been processed and is ready for use. A contribution is required to access the data. Metadata can be	KFRS database RADAR database



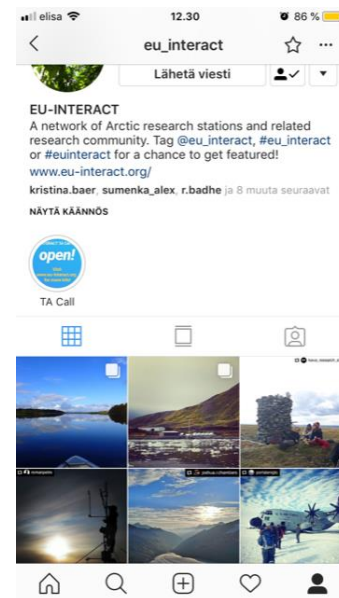
Achievements so far: outreach

Sharing the knowledge > increased new TA users incl. young scientists and new countries represented

- TA User Community Webinars & Meetings
- INTERACT TA Ambassadors
- Booths and stands, sessions and talks at the international congresses
- Arctic Research blogs
- INTERACT Instagram Account
- Facebook Group for TA Users and Station Managers

Added value

- New promotional material provided to TA Ambassadors and other sharing knowledge and promoting INTERACT
- Social media!
- Collaboration and cooperation within the EU-Arctic Cluster (incl. joint sessions and dissemination, outreach and stakeholder dialogue)





Deviations from workplan

No deviations from the workplan

D5. 1	Virtual Access Assessment Report 1	UOULU	2018-09-30 (M24)
D5. 2	Virtual Access Assessment Report 2	UOULU	2020-09-30 (M48)
D5. 3	Report on Trans-national Access and Scientific Publications	UOULU	2020-09-30 (M48)
D5. 4	Unit of Access Delivery	UOULU	2020-09-30 (M48)

Expected impacts

Increased scientific knowledge on changes in e.g. terrestrial ecosystems, coastal regions, cryosphere and communities in the Arctic, Sub-Arctic, Boreal forests and Alpine regions.

Increased cooperation and collaboration.



Thanks for your attention

<https://eu-interact.org//accessing-the-arctic/>

INTER = ACT >>> TA/RA CALL IS NOW OPEN! <<<

ACCESSING THE ARCTIC MANAGING STATIONS HANDLING DATA ARCTIC AWARENESS COPING WITH CHANGE MANAGING RISKS USING DRONES TRACKING BIODIVERSITY

ACCESSING THE ARCTIC

INFRASTRUCTURES

TA/RA CALL

TA USER COMMUNITY

TA AMBASSADORS

INFO TO USER GROUPS

PROJECT REPORTS

PUBLICATIONS

VIRTUAL ACCESS


COMPLAINTS

TA/RA DATA PROTECTION POLICY

TA OFFICE

ACCESSING THE ARCTIC

Twitter ResearchGate Google+



remnants on a glacier in the winter. Photo: Peter Jansson

Transnational Access* within INTERACT?

The INTERACT project under EU H2020 provides altogether 7800 person-days of Transnational Access (both physical and remote) in 2016-2020. Access is offered to 43 research stations located in the Arctic and northern alpine and forest areas in Europe, Russia and North-America.

The sites represent a variety of glacier, mountain, tundra, boreal forest, peatland and freshwater ecosystems, providing opportunities for researchers from natural sciences to human dimension.

Transnational Access means free of charge, trans-national access to research infrastructures or installations for selected user groups. The access includes the logistical, technological and scientific support and the specific training that is usually provided to external researchers using the infrastructure. INTERACT Transnational Access calls will be open annually in the autumn for the summer and winter seasons of the following year. In addition, 1-2 additional calls may be arranged, focusing on specific themes.

Remote Access is a form of Transnational Access in which the user(s) do not visit the infrastructure/installation physically themselves; instead the staff of the infrastructure/installation is conducting the study/collecting the samples/doing the monitoring for the user(s) according to their research plan.

TA calls are open annually for scientists and research groups (=users/user groups) to apply Transnational Access.

Transnational Access includes:

- Free access for eligible user groups to research facilities and field sites
- Support for travel and logistics costs
- Free access to information and data in the public domain held at the infrastructures

Access can only be granted to user groups to conduct research, not for arranging or attending courses, conferences, seminars or workshops. **The maximum amount of access that can be granted per user group is 90 days (3 months) in the time frame of 2016-2020.**

[Click here](#) to find information about the next TA Call that will be open 13th Aug – 12th Oct 2018.