

# **Progress since last meeting**

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Toolik Field Station, Alaska, 12-13 September 2023



#### **Progress, Deliverables and Milestones**











#### **WP2 Station Managers' forum tasks**

Task 2.0 Operate the Station Managers' Forum

Task 2.1 The unpredictable Arctic

Task 2.2 Transport and communication

Task 2.3 Making station data and publications widely available

Task 2.4 Station outreach: Educating local communities and decision makers

Task 2.5 Cleaner Arctic

Task 2.6 The Arctic Resort



#### **Progress, Deliverables and Milestones**











#### **Deliverables**

- D2.1 INTERACT GIS with new features (Month 22)
- D2.2 Updated digital Station Catalogue integrated in INTERACT GIS (Month 28)
- D2.3 Web-editions of updated 'Best Practices of Station Management' (Month 35)
- D2.4 Web-editions of updated 'INTERACT Fieldwork Planning Handbook' (Month 48)
- D2.5 Updated 'INTERACT Minimum Monitoring Programme' (Month 48)
- D2.6 Guide on research permit systems for all arctic countries on INTERACT website (Month 14)
- D2.7 Pocket guide on how to reduce CO2 emissions in Arctic science (Month 26)
- D2.8 Pocket guide on metadata standards for scientific networks (Month 29)
- D2.9 Repository with selected data from INTERACT stations integrated in INTERACT GIS (Month 44)
- D2.10 Checklist for environmentally friendly stations (Month 36)
- D2.11 Pocket guide on how to reduce plastic consumption and pollution (Month 40)
- D2.12 Pocket guide on how to handle effects of tourism at research stations (Month 30)
- D2.13 Pocket guide for tourist



Sudurnes Science and Learning Center, Iceland, 27-28 October 2022

#### **Progress, Deliverables and Milestones**

#### **Milestones**

M2.1-5 SMF Meeting

M2.6-9 Seminars on themes chosen by station managers

M2.10 Technical staff workshop

M2.11 Workshop on best practices with participation of other communities

M2.12 Extreme event monitoring field test implemented at minimum four stations

M2.13 Rapid biodiversity change monitoring field test implemented at minimum four stations

M2.14 Session at SMF on communication and positioning systems

M2.15-16 Seminars on state-of-the-art methods/technologies for environmental monitoring

M2.17 Selection of photos from different stations provided to WP6

M2.18 Courses on community based monitoring of local relevance

M2.19-20 'Open House' thematic days at minimum ten research stations

M2.21 Course for station managers on improvement of communication to decision makers















#### Station Manager Forum Coordinating Activities (Task 2.0)

- Bring together station managers
- Ensure progression of tasks
- Liaise with other WPs
- Representing INTERACT/SMF at international meetings/workshops/conferences
- Cooperation with other infrastructure networks and organisations
- Operate INTERACT GIS
- E-book versions of INTERACT Handbooks
- Circulate 360 cameras













### Achievements since last SMF meeting (Task 2.0)

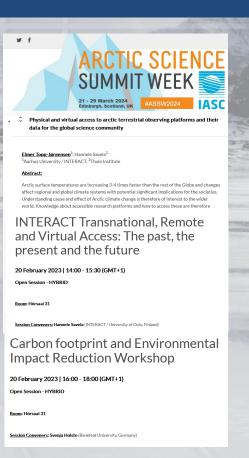
- International collaboration













1:20 - 12:15 | ALIGNING ARCTIC RESEARCH PRIORITIES, INFRASTRUCTURES AND

Or lived by: European Polar Board; INTERACT - The International Network for earch and Monitoring in the Arctic

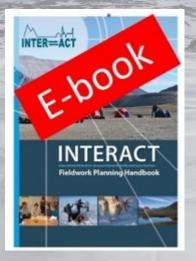
- National Science Foundational Science Foundation
- Committee (IASC), Icelana.
- Elmer Topp-jørgensen, Special Consultant,
   INTERACT Network and the INTERACT GIS and Acce
- Miguel Ojeda, Logistics Manager, Marine Technology Unit
   Resources Division, Spanish National Research Council (CSIC): European
  Polar Board and the PolarDex Infrastructure Catalogue



Expert group on remote training of infrastructure staff and users

### Achievements since last SMF meeting (Task 2.0 and 2.5)

- Books

















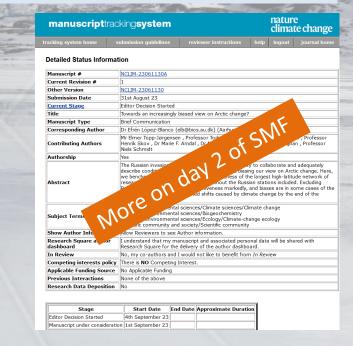






Brief communication in Nature Climate Change (2nd review)

Towards an increasingly biased view on Arctic change?



















### Achievements since last SMF meeting (Task 2.4)

- Open Station Event materials

Climate Change theme







What can you do? theme













# Achievements since last SMF meeting (Task 2.0)

#### - INTERACT GIS developments







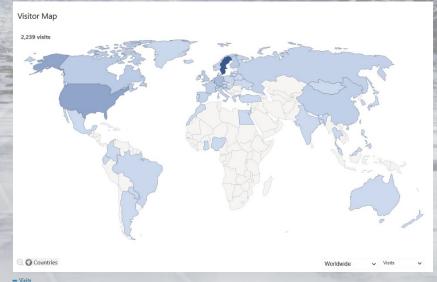














# Achievements since last SMF meeting - INTERACT GIS developments

Downscaled monthly temperature and precipitation data retrieved from all stations from 1950 until today.

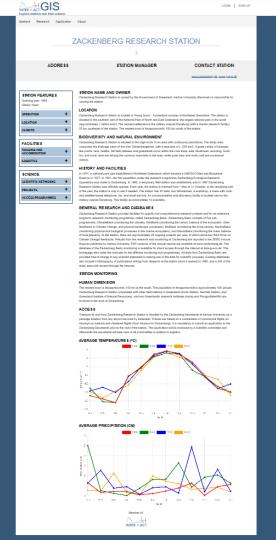
Will be presented on station pages

Shown as WMO Climate Normals (1961-1990 and 1991-2020) and individual years after 2020.

Can be added annually by SMF staff.

Opportunity for stations to upload own measurement data if so desired.





# **Achievements since last SMF meeting**

- INTERACT GIS developments

Insert link to direct scientist to your own application system

Register forusing the INTERACT GIS application module

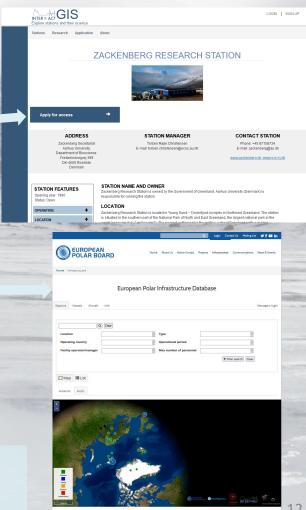
API allowing others to harvest our data

Russian stations on pause

User statistics



Added new stations Mongolia, Spain, Finland, Canada, Faroe Islands



### Achievements since last SMF meeting (Task 2.1 and 2.5)

- Arctic Council WGs



CAFF/CBMP Extreme events and rapid biodiversity change monitoring test implementation



AMAP Plastic test implementation

Morelatertoda







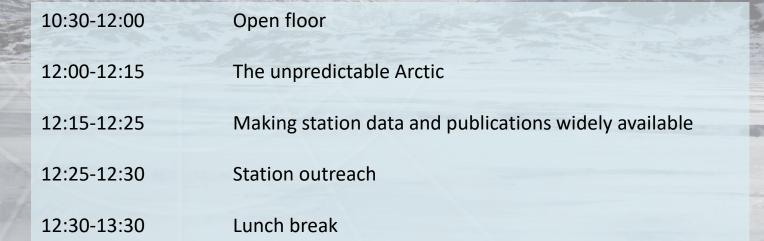








#### **Coffee break**





SMF 6 12-13 Sept 2023 Toolik, Alaska





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