



Station Managers'
Forum

Station Managers' Forum V

Welcome, Agenda and SMF in INTERACT III

www.eu-interact.org



By Morten Rasch and Elmer Topp-Jørgensen



INTERACT II, Station Managers' Forum V, Svartberget, Sweden, 10-11 September 2019

Station Managers' Forum V, Agenda

Tuesday 10 September 2019

09:00 Welcome and introduction (*Morten Rasch, Hjalmar Laudon*)

09:25 Breather presentation, Svartberget (*Hjalmar Laudon*)

09:45 0-emission presentation and discussion (*Henri Robert*)

10:30 Coffee Break

11:00 Awareness of the scene. Scientific network presentations (Theme: Cryosphere) (*Terry Callaghan, Elmer Topp-Jørgensen*)

- Global Cryosphere Watch (GCW) and World Glacier Monitoring Service (WGMC) (*Per Holmlund*)
- International Permafrost Association (IPA) and Global Terrestrial Network of Permafrost (GTN-P), Thermal State of Permafrost (TSP), Circumarctic Active Layer Monitoring Network (CALM) (*Margareta Johansson*)
- Network Survey Results (*Terry Callaghan, Elmer Topp-Jørgensen, Jannik Hansen*)

12:00 Lunch at Hotell Forsen



Station Managers' Forum V, Agenda

13:30 Breather presentation (*Uapishka*) (*Guillaume Proulx*)

13:50 INTERACT GIS – www.interact-gis.org. Demonstration, talk and group wise assessment of user-based autonomous system management (*Tomas Thierfelder*)

15:30 Coffee break

16:00 Breather presentation – *Sermilik, Greenland* (*Morten Rasch*)

16:20 WP7 Implementing CAFF/CBMP biodiversity monitoring programme at INTERACT Stations (*Kári Fannar Lárusson*)

17:20 – 17:30 Best practices across domains - Presentation of discussions with COMNAP, FARO, ARICE, European Polar Board (*Elmer Topp-Jørgensen*)

18:30 Dinner at the Hotel Forsen Restaurant



Station Managers' Forum V, Reception

INVITATION

Dear member or friend of INTERACT's Station Managers' Forum

You are cordially invited to at reception to celebrate the publication of the books:

INTERACT Field Planning Handbook

INTERACT Practical Field Guide

The reception will take place at Hotel Forsen on 10 September 2019 at 19:30.

Sincerely Yours

Andrea Schneider, Fiona Tummon, Gerlis Fugmann, Elmer Topp-Jørgensen and Morten Rasch

Dress code: The best clothing you have in your suitcase.



Station Managers' Forum V, Agenda

Wednesday 11 September 2019

08:30 Introduction to Day 2 and practicalities (*Morten Rasch*)

08:40 WP4 Data documentation and dissemination supporting services, some standards and tools that may help (*Øystein Godøy*)

09:10 Open Floor

- Global Biodiversity Information Facility – How stations can contribute to a global biodiversity data repository (15 min) (*Elmer Topp-Jørgensen, Kári Fannar Lárusson on behalf of GBIF*)
- Kluane Lake – Short movie by visiting school kids (5 min) (*Henry Penn*)

09:30 Coffee Break

10:00 Open floor (continued)

- Web-based Researchers Guide for Ny-Ålesund Research Station (10 min) (*Helge T. Markussen*)
- New research cabin in Kobbefjord, Greenland Institute of Natural resources (10 min) (*Katrine Raundrup*)
- Drone demonstration and mapping exercise (10 min) (*Morten Rasch*)



Station Managers' Forum V, Agenda

10:40 SMF product updates

- 360 camera status – feedback from stations? (*Elmer Topp-Jørgensen*)
- New station catalogue layout (*Marie Frost Arndal*)

11:30 Summary of upcoming tasks and closing of SMF (*Morten Rasch, Elmer Topp-Jørgensen*)

12:00 Lunch at Hotell Forsen

13:00 Excursion

17:00 Wilderness Dinner





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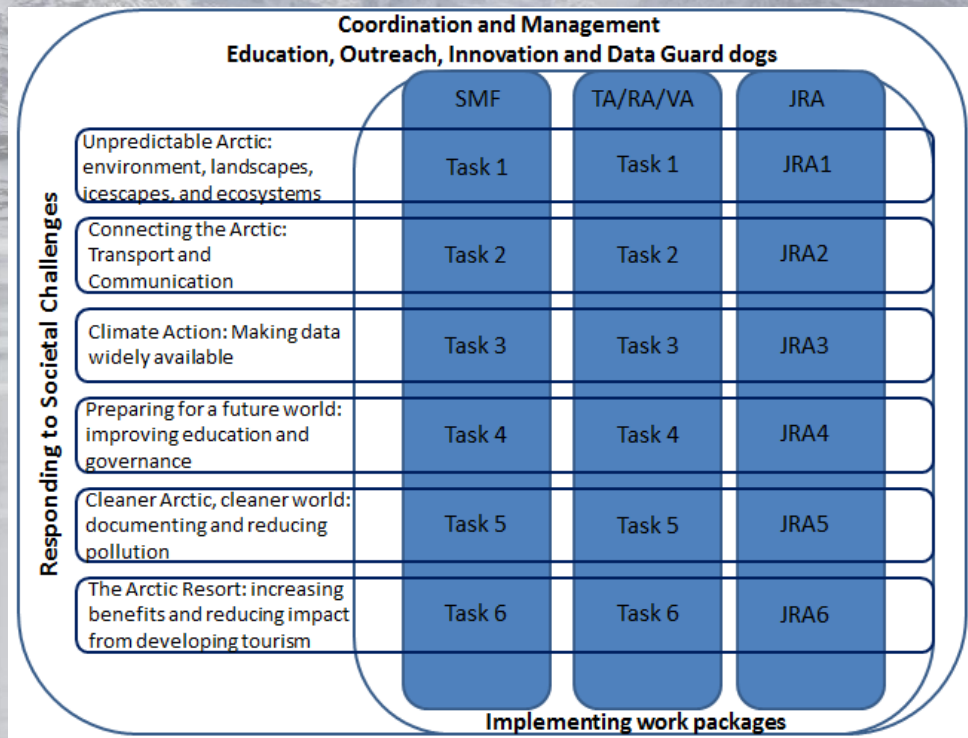
**IT IS A PLEASURE FOR US TO GET THE
CHANCE TO CONTINUE TO COOPERATE
WITH YOU LOVELY PEOPLE FOR THE NEXT
FOUR YEARS!**

**THANKS FOR ALL YOUR HARD WORK AND
EXCELLENT HELP IN MAKING THIS REALITY!**



Station Managers' Forum in INTERACT III:

Overall concept of INTERACT III



Station Managers' Forum in INTERACT III:

Practicalities:

Workpackage number: 2

Lead: Morten Rasch (University of Copenhagen)

Coordination: Elmer Topp-Jørgensen (Aarhus University), Marie Frost Arndal (Aarhus University) and Morten Rasch (University of Copenhagen)

Partners: 54

Tasks: 7

Deliverables: 13



Station Managers' Forum in INTERACT III:

Tasks:

Task 2.0: Operate the Station Managers' Forum (UCPH)

Task 2.1: The unpredictable Arctic (AU)

Task 2.2: Transport and communication (AWI)

Task 2.3: Making station data and publications widely available (UCPH)

Task 2.4: Station outreach: Educating local communities and decision makers (UCPH)

Task 2.5: Cleaner Arctic (AU)

Task 2.6: The Arctic Resort (UKRI)



Station Managers' Forum in INTERACT III:

Task 2.0: Operate the Station Managers' Forum (UCPH)

Subtask 2.0.1: Operate the Station Managers' Forum

Subtask 2.0.2: Increase mutual knowledge on environmental, operational, technical and safety aspects

Subtask 2.0.3: Improve best practices in cooperation with Antarctic, alpine, marine and atmospheric infrastructures

Subtask 2.0.4: Develop INTERACT GIS further with a bunch of new features

Subtask 2.0.5: Web-editions of INTERACT products for a wider audience



Station Managers' Forum in INTERACT III:

Task 2.1: The unpredictable Arctic (AU)

Subtask 2.1.1: Interface with JRA partners working with extreme events to (i) identify relevant types of extreme events, (ii) develop monitoring programmes for extreme events and rapid biodiversity change, (iii) test feasibility of monitoring programmes designed by WP4 (*Unpredictable Arctic – extreme weather events*), (iv) ensure dissemination of refined protocols, (v) provide observations of extreme events, and (vi) develop mechanisms to provide data on extreme events to JRA partners, decision makers and other stakeholders.



Station Managers' Forum in INTERACT III:

Task 2.2: Transportation and communication (AWI)

Subtask 2.2.1: In cooperation with WP5 (*Connecting the Arctic: Transport and communication*) develop an information platform concerning bottlenecks for Arctic cross-border science cooperation based on a survey of the effectiveness of the Agreement on Enhancing International Arctic Scientific Cooperation.

Subtask 2.2.2: Work with WP5 to identify the ultimate communication and positioning system for the INTERACT community and beyond.

Subtask 2.3.3: Identify ways to reduce CO₂ emissions from research travel.



Station Managers' Forum in INTERACT III:

Task 2.3: Making station data and publications widely available (UCPH)

Subtask 2.3.1: Implement state-of-the-art monitoring across the Arctic by (i) providing relevant seminars on monitoring to station staff, and (ii) introduce metadata standards in collaboration with the Data Watch Guard.

Subtask 2.3.2: Provide open access to data through an INTERACT repository for key climate related parameters in INTERACT GIS. Contribute to WP 3 (*Giving Access to the Arctic*) and WP6 (*Climate Action: Making data widely available*) with a selection of photos from stations to develop machine-learning for environmental change detection.



Station Managers' Forum in INTERACT III:

Task 2.4: Station outreach: Educating local communities and decision makers (UCPH)

Subtask 2.4.1: Will (i) develop courses and community based monitoring programmes to local communities and the general public in the Arctic, and (ii) arrange 'Open House' thematic days for the general public on Climate Change, invasive species and plastics at a range of INTERACT stations.

Subtask 2.4.2: Collaborate with WP7 (*Preparing for a future world: improving education and awareness at all societal levels*) to improve communication between stations and decision makers by (i) developing courses on how to communicate with decision makers, and (ii) making increased use of press releases produced by professional communicators.



Station Managers' Forum in INTERACT III:

Task 2.5: Cleaner Arctic (AU)

Subtask 2.5.1: Will (i) make a survey on waste handling and use of energy and different types of plastics energy at different stations, (ii) develop a checklist for environmentally friendly stations, and (iii) produce a pocket guide on how to reduce use of plastics and pollution from research stations.

Subtask 2.5.2: Will (i) implement a plastic monitoring programme at four stations, and (ii) develop recommendations on how to reduce environmental impact based on surveys in subtask 2.5.1.



Station Managers' Forum in INTERACT III:

Task 2.6: The Arctic Resort (UKRI)

Subtask 2.6.1: Determine actual and future potential for sustainable tourism at research stations by (i) assessing best practices for handling impact of tourists to contribute to WP9 (*The Arctic Resort: increasing benefits and reducing impacts from developing Arctic tourism*), (ii) Implement best practices for how to make tourists respectfully aware of station operations, science and local communities, and (iii) identify in cooperation with WP9 mechanisms to better educate tour companies and tourists.



Station Managers' Forum in INTERACT III:

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 and in adjacent local communities (Month 30)
- D2.13** Pocket guide for tourists on how to behave around research station, incl. their study areas and local communities (Month 30)





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