

Morten Rasch¹, Elmer Topp-Jørgensen², Marie Frost Arndal²

¹University of Copenhagen, Denmark, ² Aarhus University, Denmark













Introduction and progress since last meeting

INTERACT III, SMF 4

www.eu-interact.org



INTERACT III, Station Manager Forum 4, Kilpisjärvi Biological Station, Finland, 24 November 2021

8:30: Introduction and progress since last meeting (Morten Rasch)

8:45: Book publications (Josefine Lenz and Morten Rasch)

9:00: Arctic Permit Systems and Regulations (Svenja Holste)

9:15: INTERACT GIS (Elmer Topp-Jørgensen)

9:40: Coffee











10:00: Communication seminar (*Martin Breum*)

12:00: Lunch

13:00: COVID 19 and research stations and meetings (Morten Rasch)

13:30: Reducing CO2 emissions from travelling (Svenja Holste)

14:00: Cross border barriers to Arctic Science (Svenja Holste)

15:00: Coffee













15:30: Energy and waste handling survey (Elmer Topp-Jørgensen)

15:45: Tourism pocket guides (Jan Dick)

16:45: 'Open House Days' at research stations (Morten Rasch)

17:15: Open Floor (Elmer Topp-Jørgensen)

17:30: End of Station Manager Forum 4

19:00: Dinner

20:30: Book launches and bubbles













15:30: Energy and waste handling survey (Elmer Topp-Jørgensen)

15:45: Tourism pocket guides (Jan Dick)

16:45: 'Open House Days' at research stations (Morten Rasch)

17:15: Open Floor (Elmer Topp-Jørgensen)

17:30: End of Station Manager Forum 4

19:00: Dinner

20:30: Book launches and bubbles





Photo competition and 'Images of Arctic Science'



Photo competition

Categories:

Number of photographers: 100

Number of pictures: 800







Images of Arctic S

Thank you so much to all of you for supporting this initiative ©

Coffee table book

Editors: Carsten Egevang, Morten Rasch.

Elmer Topp-Jørgensen

Authors: Morten Rasch and the photographers

Chapters: 9 Photos: 107 Pages: 182



REMEMBER THE BOOK LAUNCHES TONIGHT AT 20:30







Meetings, Workshops and Thematic Seminars

Workshop on International Access to Research Infrastructure in the Arctic

ASSW 2021, March 23, 2021 FARO, INTERACT, ARICE, APECS

Land group headed by INITERACT and marine group headed by ARICE

A follow up workshop is planned for ASSW 2021 (27 March 2022

- Lack of transparent permit systems
- Shipping and transport across national borders
- Funding gap between short-term and long-term funding
- Data management and access: Standardisation/harmonisation
- Environmental protection legislation and science needs



ience



















Recomme

Facilit

Secur

Handbooks

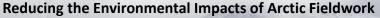
Overall idea with all these books: Making INTERACT the place to seek information concerning fieldwork in the arctic and run of arctic and northern alpine research stations

Fieldwork Communication and Navigation Guidebook



Ready for publication

Cooperation: An APECS and **INTERACT** product





Status:

Ready for publication

Authors:

Laura Lønstrup Fendrup, Morten

> Elmer Toppsen, Marie Frost

Rasch, Elmer ørgensen, Marie rndal



Pages: 45



Reducing the Environmental Impacts of Arctic Fieldwork

Editors:

Andrea Schneider. Morten Rasch, Elmer Topp-Jørgensen, Marie Frost Arndal

Pages: 80



Thank you so much to all

contributors for supporting this

initiative ©



REMEMBER THE BOOK LAUNCHES TONIGHT AT 20:30



Upcoming products:

INTERACT Reducing the Environmental Impact of Arctic Research Stations. Status: Preliminary manuscript ready for review INTERACT Reducing the CO2 Emission from Arctic Science. Status: First draft ready for review INTERACT Arctic Safety Manual. Status: Writing group under establishment



Arctic Permit Systems

Overall idea with all this website: Making INTERACT the place to seek information concerning permits of relevance to fieldwork in

People



Presentation by Svenja Holste 9:00 - 9:15

Made in cooperation between INTERACT and APECS. Country information for USA, Canada, Faroe Islands, Finland, Greenland, Iceland, Norway, Russia and Sweden.



Fieldwork and sample collection

Instrumentation (import/export)

and use)

Permits to conduct research

Field Instrumentation

- Installation of equipment/ instrumentation
- Drone use

Safety related permits

- Weapons
- Radio permits

Regional/local level permits



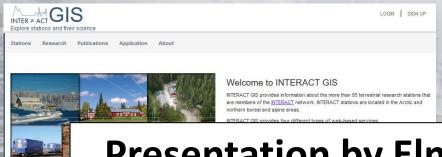








INTERACT GIS



Recent developments and plans ahead:

Restructuring of the system with

Presentation by Elmer Topp-Jørgensen 9:15 - 9:40



research stations. Application information for other stations can be found in the description of the research stations (see 1, Stations).

Let's INTERACT

INTERACT GIS has been developed under the auspices of the <u>INTERACT</u> and <u>SITES</u> infrastructure projects, with particular contributions from the Swedish field stations at Abisko and Tarfals. It is tailored to ft INTERACT and SITES field-stations around the Arctic, but remains the <u>intellectual property of SLU</u>.

© 2019 All rights reserved

Useful links

Copyright

Lopyright

Instructions

Scientific networks and thematic maps features

Development of upload function for project metadata







Progress, Deliverables and Milestones

Deliverables

D2.1: INTERACT GIS with new features

D2.2: Updated digital Station Catalogue integrated in INTERACT GIS

D2.6: Guide on research permit systems for all arctic countries on INTERACT

web

Mile

M2.

M2.

Conclusion: We are on track



M2.11: Workshop on best practices of research infrastructure management with participation of other communities has been held

M2.14: Session on Communication and Navigation systems has been held

M2.17: Selection of photos from different research station has been provided

to Workpackage 6













Let's INTERACT

www.eu-interact.org



INTERACT III, Station Manager Forum 4, Kilpisjärvi Biological Station, Finland, 24 November 2021

