



INTERACT

- and work on best practices



INTERACT - a Pan-arctic network of 86 field stations

Elmer Topp-Jørgensen, Aarhus University on behalf of INTERACT Friends

INTERACT supports >5000 scientists each year



Station management

Quality in services offered by stations (Management Planning Handbook)

0-emission best practices report (PEAS/Antarctica)

Research and monitoring (Minimum monitoring system and drones)

Working with local communities

Well prepared visitors

Facilitate safe and efficient fieldwork (Fieldwork Planning Handbook)



INTERACT Management Planning Handbook

Best practices and
examples for station
managers:

Contents:

- Management planning
- Policies
- Staff
- Visitors
- Permit systems
- Health and safety
- Environmental impact
- Outreach and marketing
- Training and education
- Data management

INTERACT

International Network for Terrestrial Research and Monitoring In the Arctic

Management planning

for arctic and northern alpine research stations
– Examples of good practices



INTERACT Research and Monitoring report

**Recommended minimum
monitoring system**

Contents:

Minimum monitoring system

Scientific networks

Studies disciplines

Monitored parameters



INTERACT

International Network for Terrestrial Research and Monitoring in the Arctic

Research and Monitoring



The INTERACT *Fieldwork Planning Handbook*

**Support for scientists to prepare
and conduct fieldwork in the
Arctic:**

Contents:

Outlining your field project

Practicalities and legal issues

Safety

Arrival at station and time in field

After fieldwork

INTERACT

International Network for Terrestrial Research and Monitoring in the Arctic

Fieldwork Planning Handbook

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



Available later this year

Waterproof
paper

Pocket size

Space for
contact
details

INTERACT
*Practical Field
Guide*



Checklists

Specific
safety tips

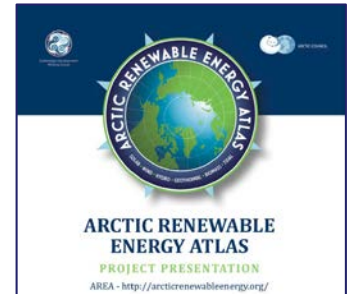
First aid
basics &
emergency
preparedness

Towards 0 emission

- best practices for sustainable infrastructures

Report expected later this year

Impact assessment
Environmental and logistical constraints
Identify technical and economical feasible solutions
Reduction strategy



Sustainable energy systems

Production (energy and building design)
Energy storage
Regulation of use

Water treatment

Waste handling

Transportation



INTERNATIONAL
POLAR FOUNDATION



Guidelines for working with local communities



Guidelines on how to develop a dialogue

- local communities, researchers and station managers

Guidelines for identifying information needed to adapt to changes

Guidelines for developing an integrated local monitoring strategy

Practical/ ethical guidelines on how to work with indigenous peoples



Future: online – continuous updates

Potential for sharing best practices across communities



The INTERACT Fieldwork Planning Handbook

Share practical knowledge
and best practices

Improve fieldwork
efficiency and safety

Minimise
environmental impact

150 pages filled with experiences and knowledge



Idea



Planning



Fieldwork



Return home

HANDY TIP

Training together with your team is a fun way to get to know each other and helps to build good team spirit.

Recommendations for fieldwork preparation

Research idea, methods & equipment

Time schedule & budget

Data and sample management

Comprehensive checklists

Permits and administrative issues



Country-specific information



A particular focus is put on safety aspects

Transport

Risk assessment

Stations & field camps

Education & training

Natural hazards

Safety equipment

Communication & navigation tools



Guidelines at the station and in the field

**Working at
field sites**



**Environmental
considerations**



Delays & conflicts

**Working with
local communities**

**Leaving the field &
returning home**