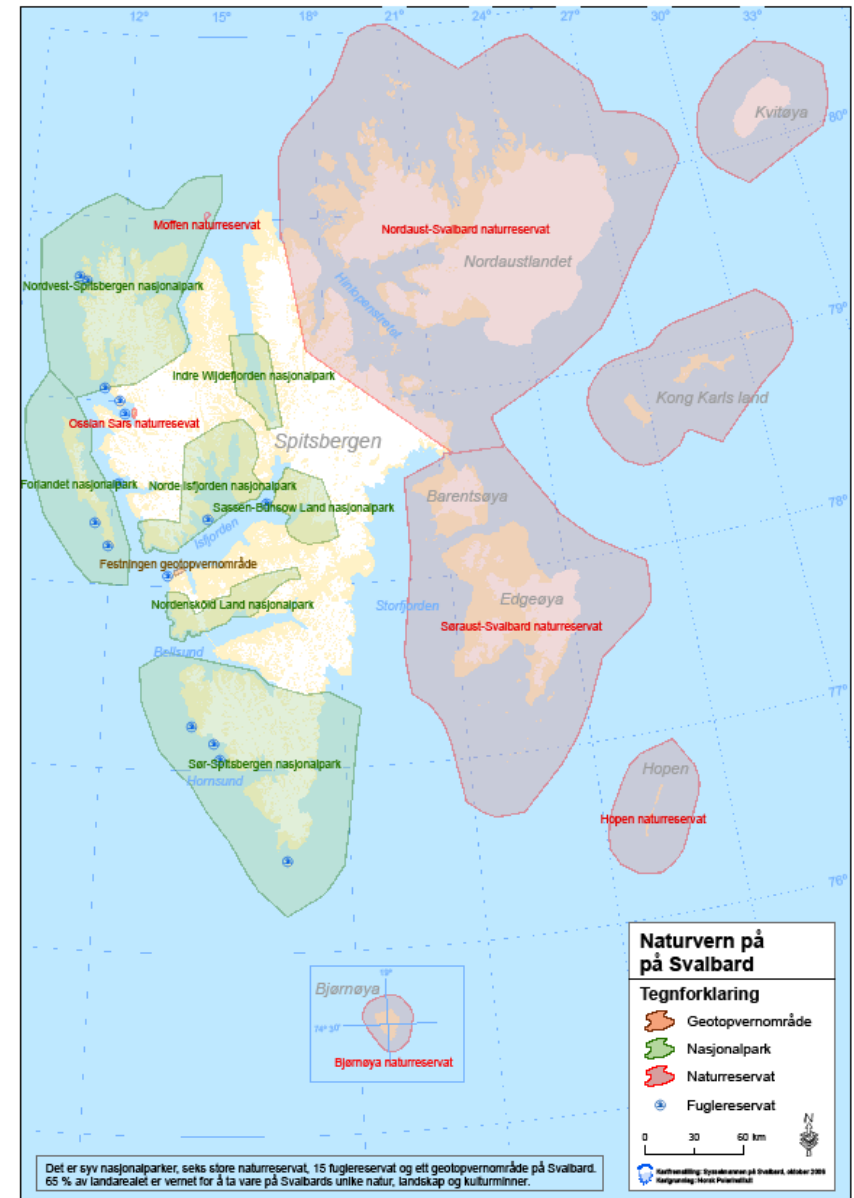


Selected projects of science, teaching and logistics at UNIS during spring 2011.



1. Terrestrial activities
2. Activities at sea, cruises.
3. Safety course
4. Unsolved challenges



Reindeer project



Main activity / study area

Reindeer

Responsible scientist and institution

Anja Carlsson (Lancaster University), Steve Coulsen (UNIS)

Number of participants

5

Period

1: 7/2-18/2

2: 4/4-15/4

Area

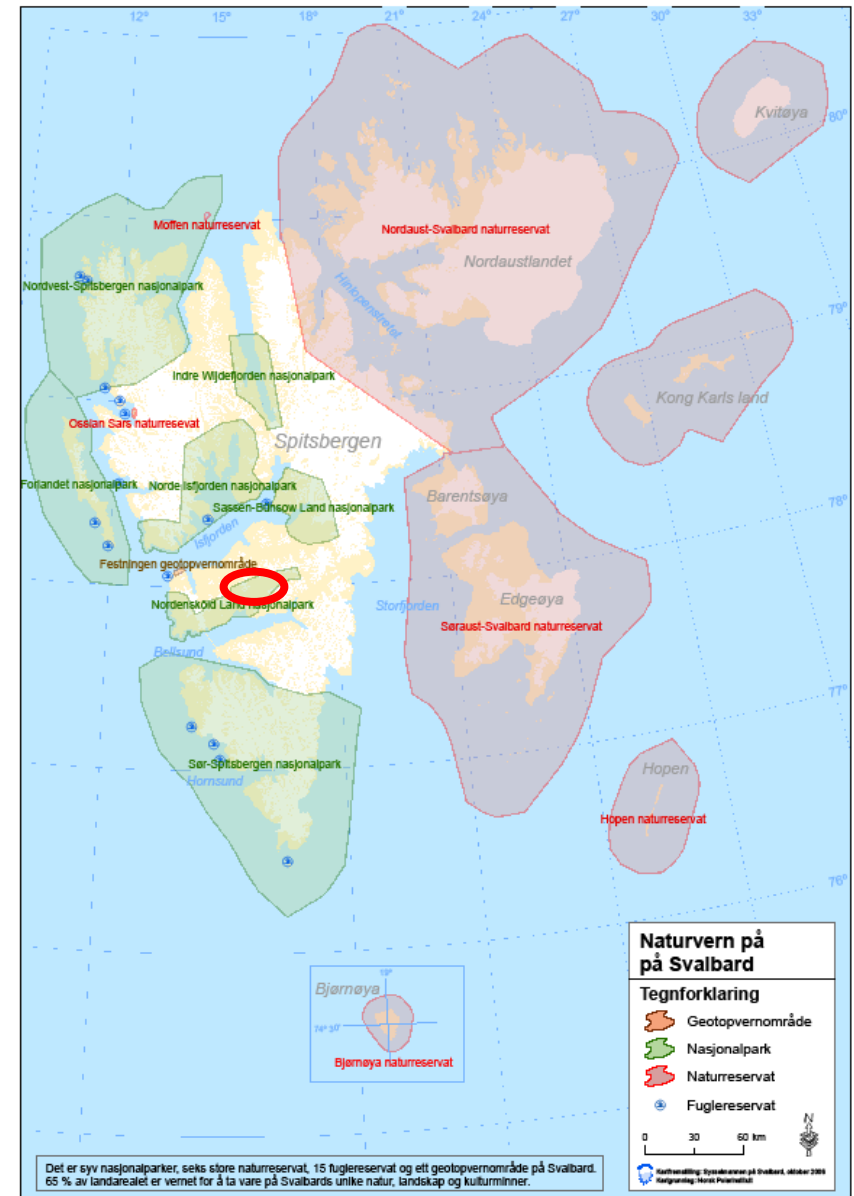
Reindalen, lodging; Tarandus cabin

Transportation

Snowmobile

Special circumstances / need of permission

Special HSE aspects



Seismic project - AG 335 course



Main activity / study area

Seismic

Responsible scientist and institution

UNIS and University in Bergen

Supported by Statoil

UNIS contact: Karoline Bælum

Number of participants

Ca 20

Period

Week 12

Field course for AG 335

Area

Adventdalen

Transportation

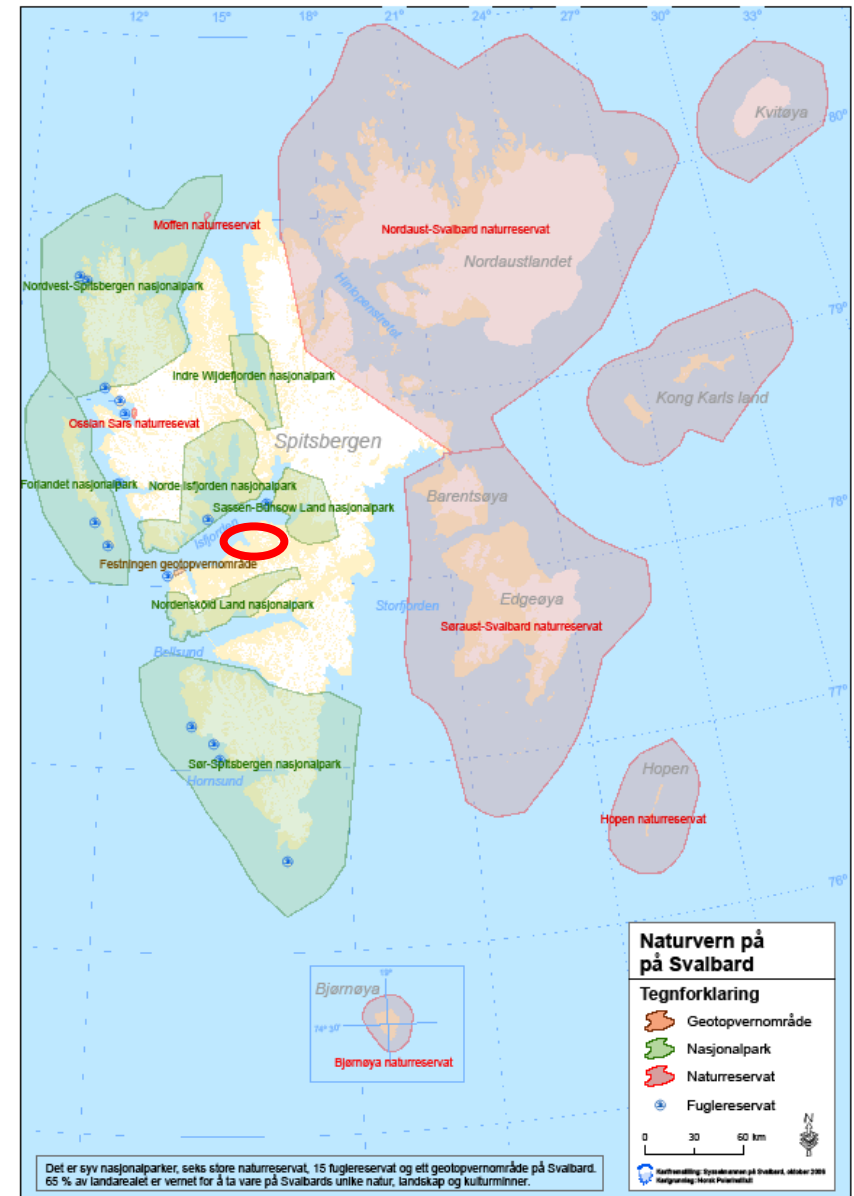
Snowmobile, tracked vehicle

Special circumstances / need of permission

Yes, application not sent – under progress

Special HSE aspects

Use of explosives



AB 330 course - Billefjorden



Main activity / study area

Ecosystems in Ice covered waters

Responsible scientist and institution

UNIS, Ole Jørgen Lønne

Number of participants

Ca 20

Period

12-25.5

Field course for AB 330

Area

Billefjorden

Transportation

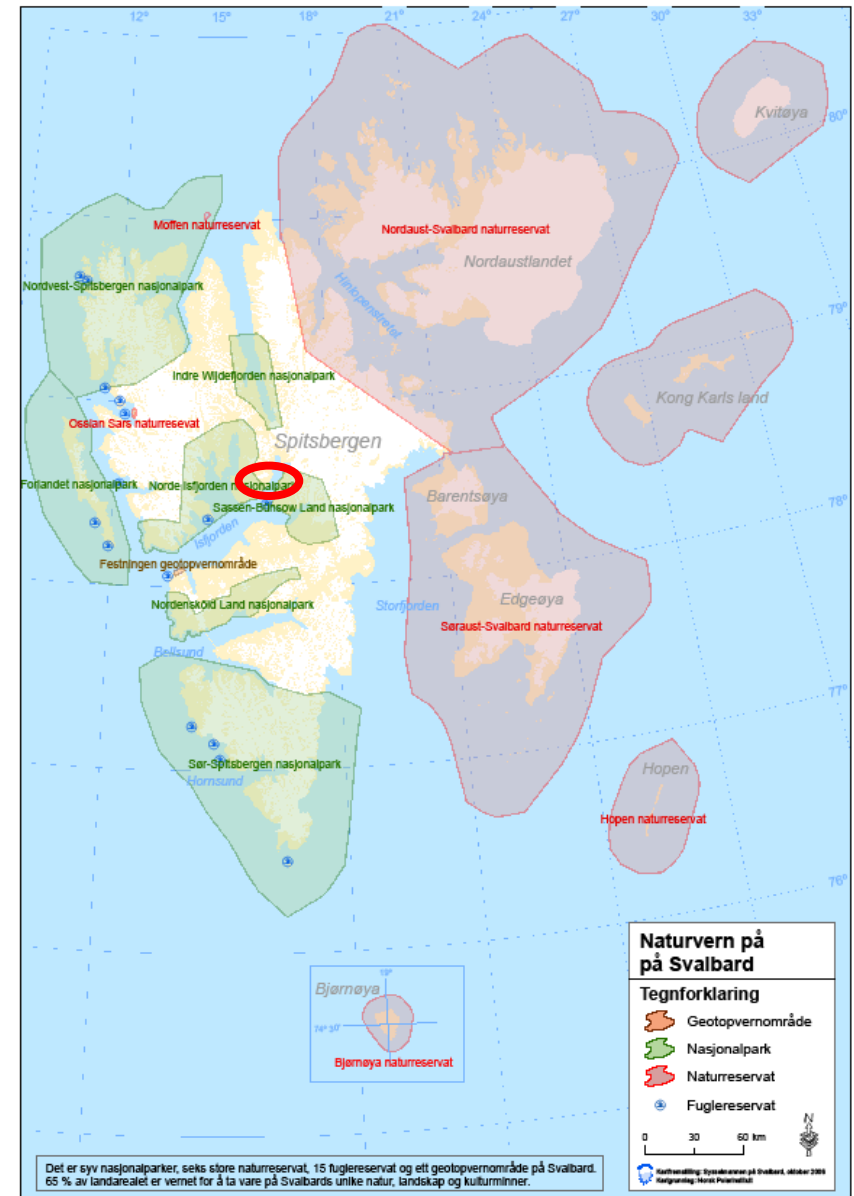
Snowmobile and Hovercraft

Special circumstances / need of permission

Yes, application not sent – under progress

Special HSE aspects

Traveling on sea ice



Icebound – Phd Project



Main activity / study area

Geological mapping and sampling

Responsible scientist and institution

Anne Hormes

Phd Endre Før Gjermundsen

Number of participants

4

Period

4-25.4

Area

Atomfjella

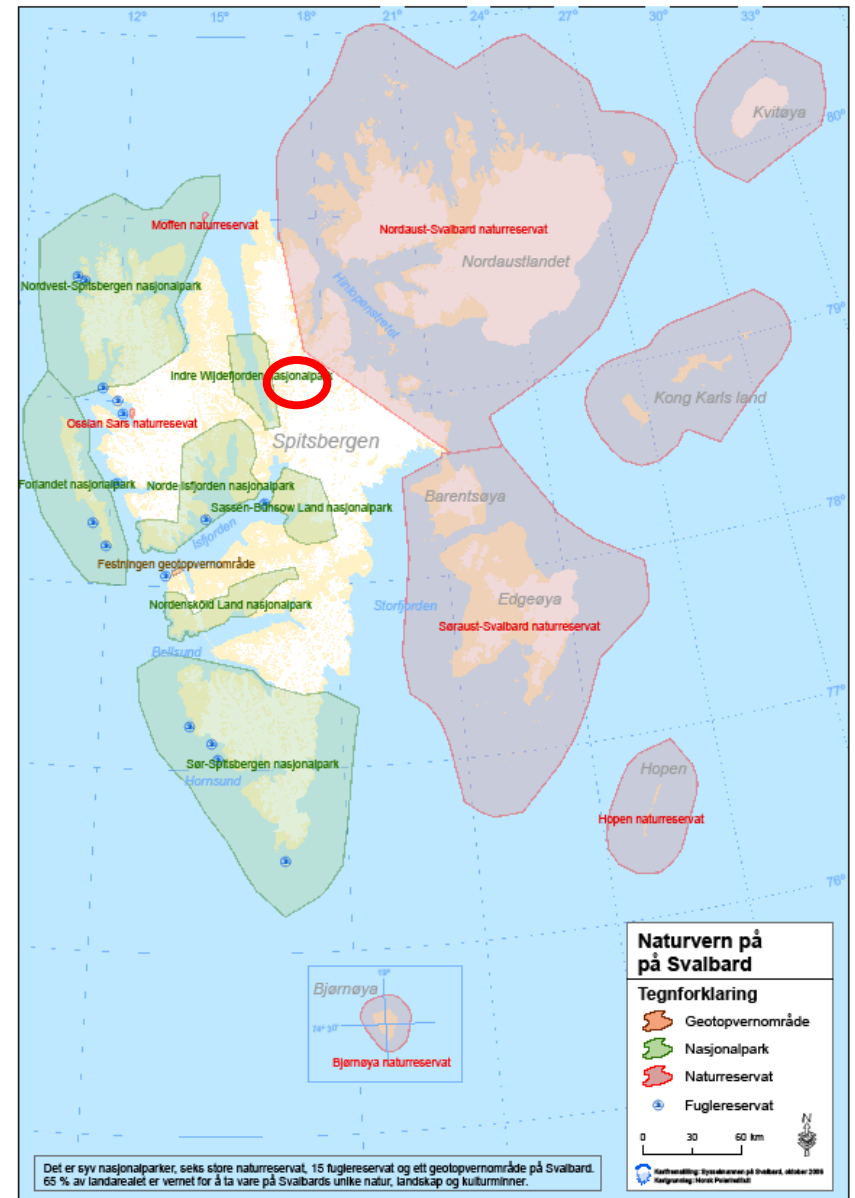
Transportation

Snowmobile

Special circumstances / need of permission

Special HSE aspects

Glacier travel by snowmobile and on foot



Svalbard in Snowball Earth



Main activity / study area

Geology, scouting trip for the summer campaign

Responsible scientist and institution

Doug Benn, UNIS

University Of Birmingham

Number of participants

5

Period

15.4-1.5

Area

Olav V Land, Backlundtoppen area

Transportation

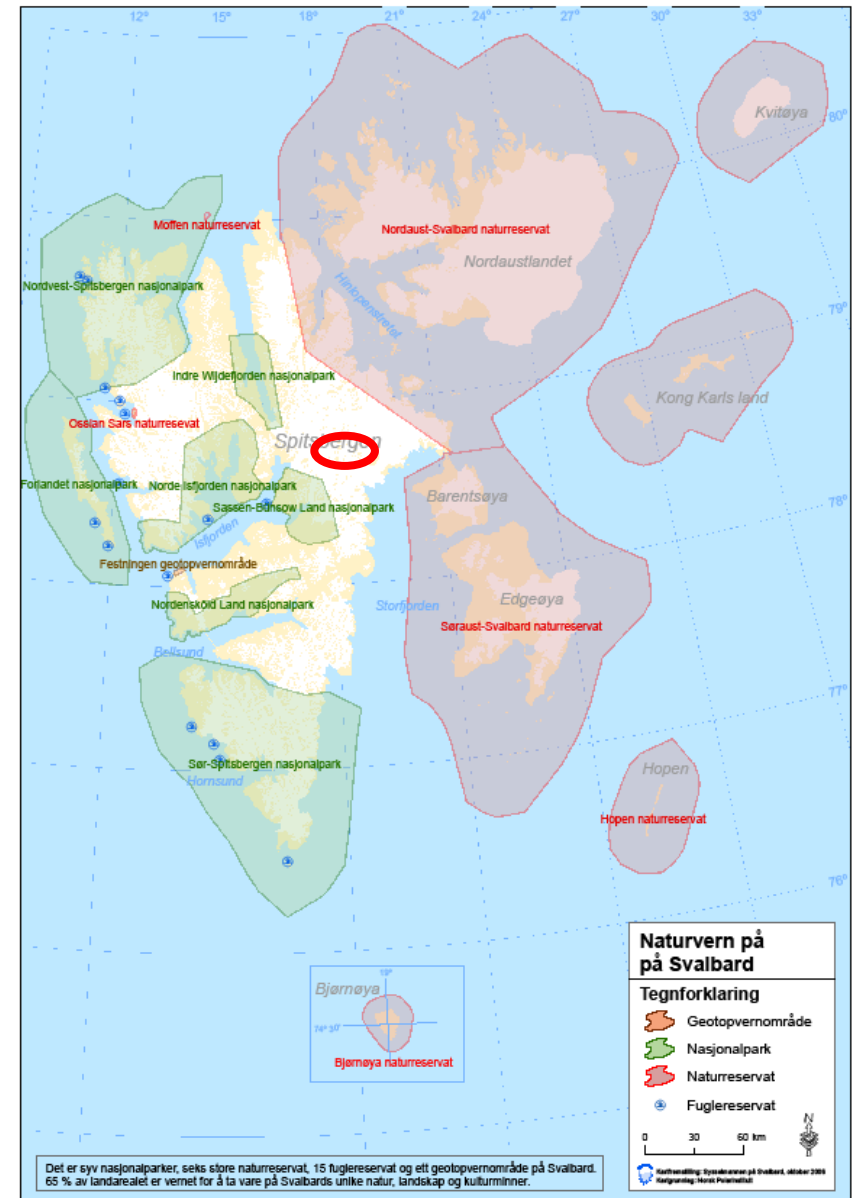
Snowmobile

Special circumstances / need of permission

Yes, application not sent – under progress

Special HSE aspects

Glacier travel by snowmobile and on foot
Fieldcamp



Braganzavågen cooperation project UNIS / NGU



Main activity / study area

Tidal sediments in cold, modern settings; their potential for palaeoenvironmental reconstructions

Responsible scientist and institution

Maria Jensen, UNIS

Eiliv Larsen, NGU

Astrid Lyså, NGU

Number of participants

4

Period

2-12.5

Area

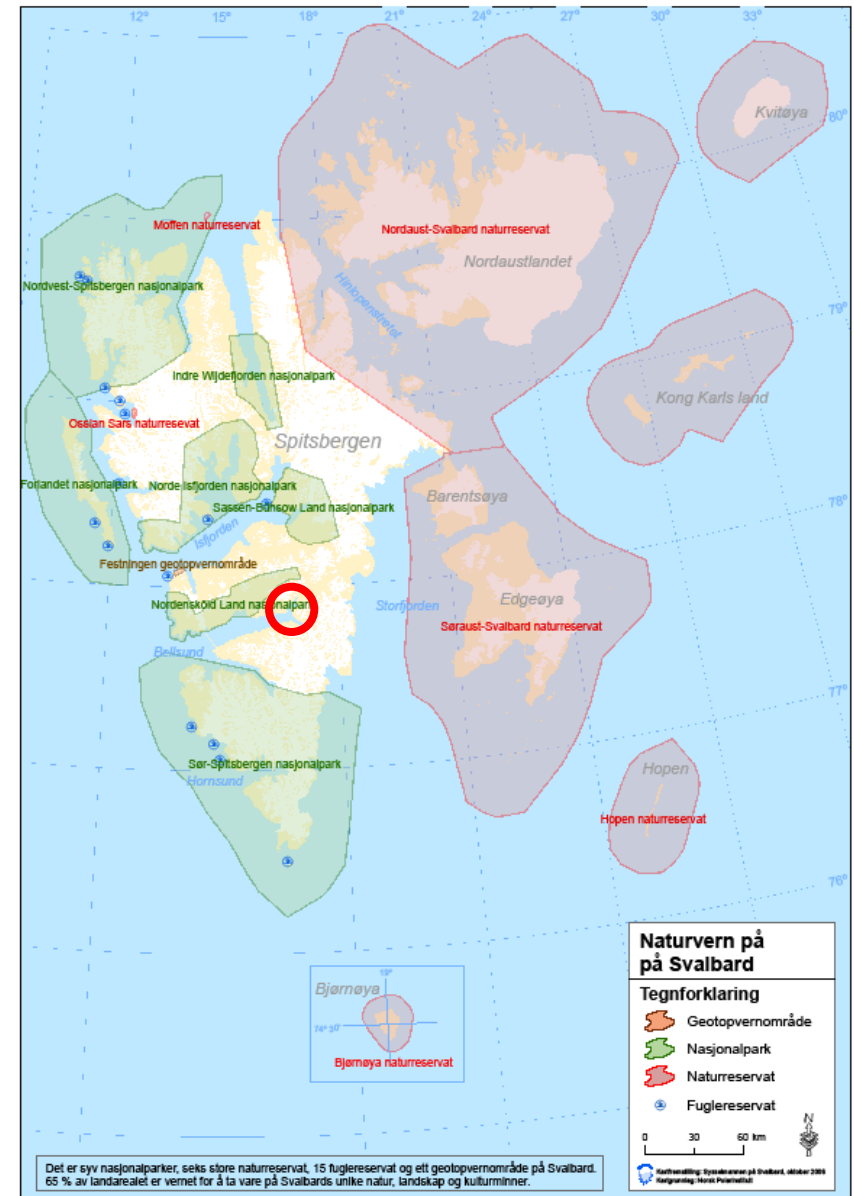
Braganzavågen, Svea

Transportation

Snowmobile

Special circumstances / need of permission

Special HSE aspects



Longyearbyen CO 2 lab



Main activity / study area

Responsible scientist and institution

Snorre Olausen, UNIS

Number of participants

Period

Area

Longyearbyen

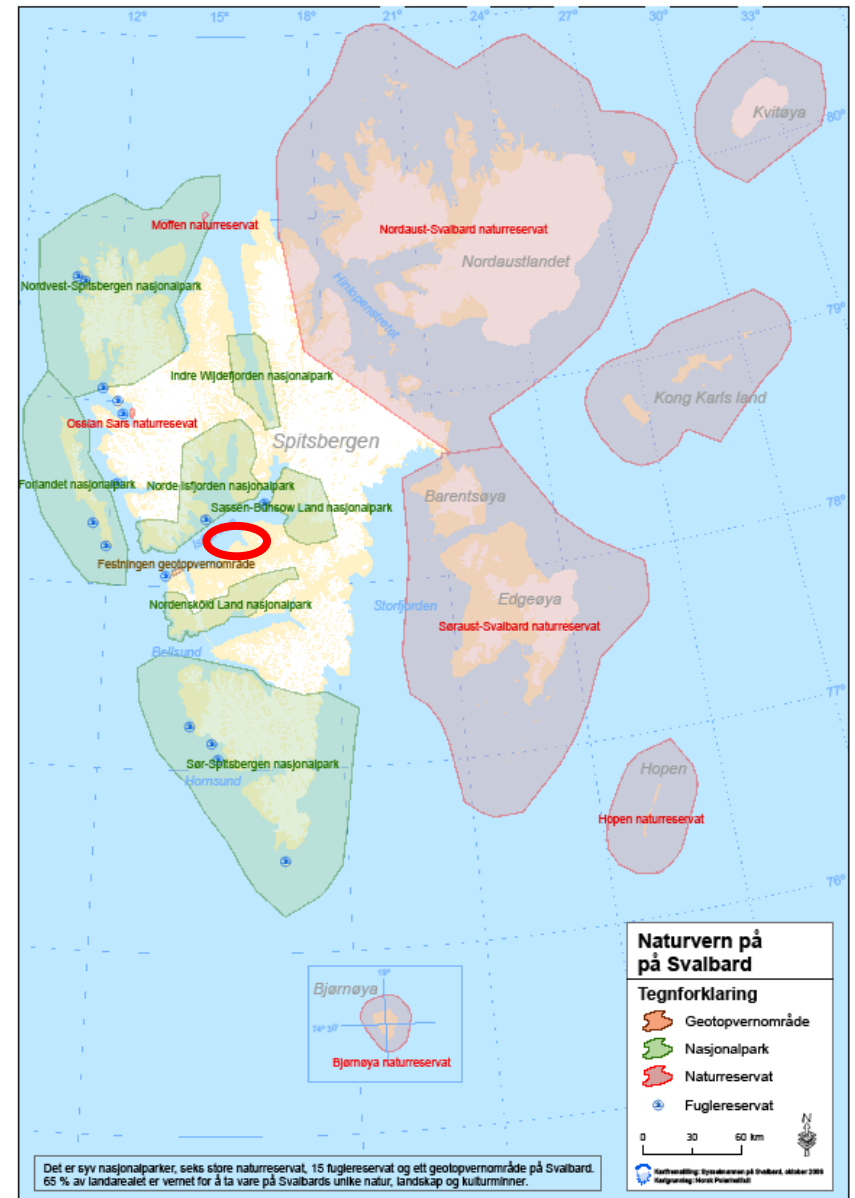
Transportation

Special circumstances / need of permission

Board meeting week 49

Plan for 2011 not ready; analysis and data handling

Special HSE aspects



Cruise – AGF 211



Main activity / study area

Responsible scientist and institution

F.Nilsen

Number of participants

Period

8-15/4

Area

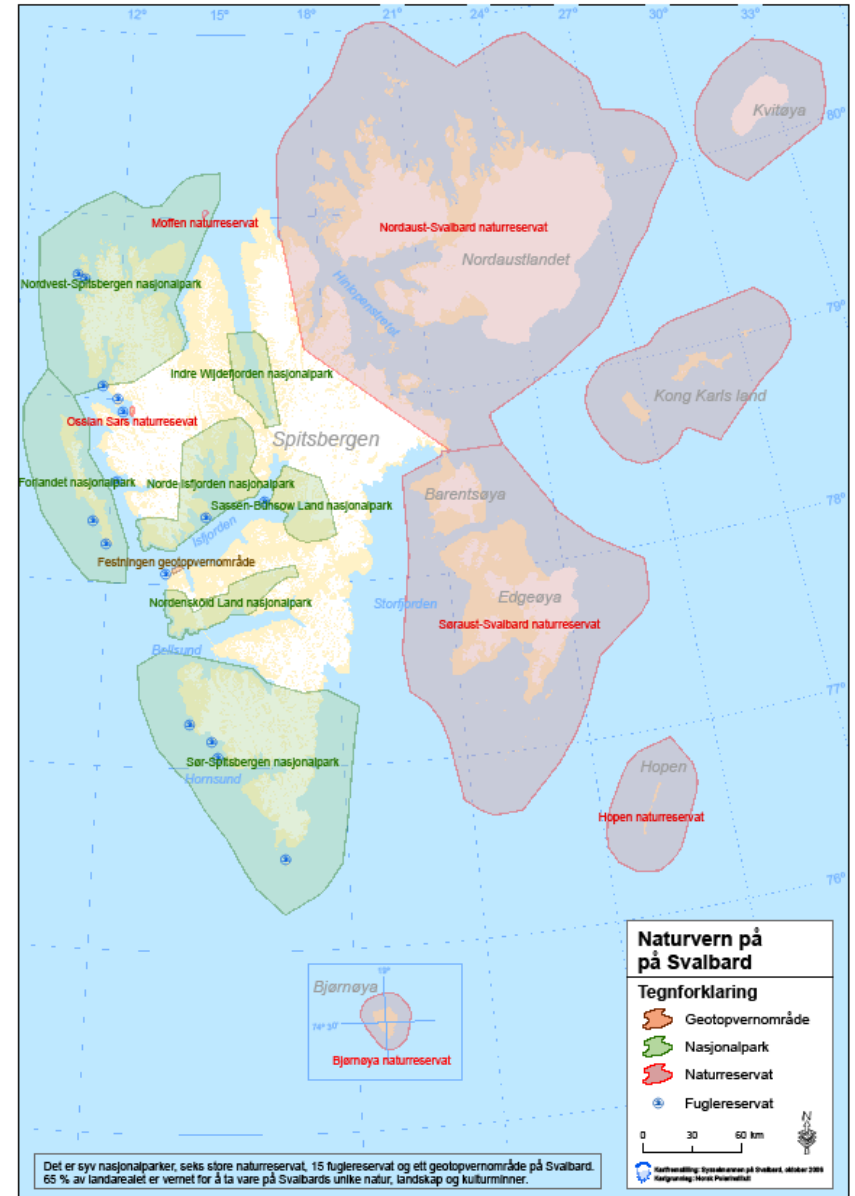
Transportation

Lance

Special circumstances / need of permission

None

Special HSE aspects



Cruise – AT 208/ 321



Main activity / study area

Responsible scientist and institution

A. Marchenko

Number of participants

Period

16-25.4

Tentative: 17.5 – 5.6

Area

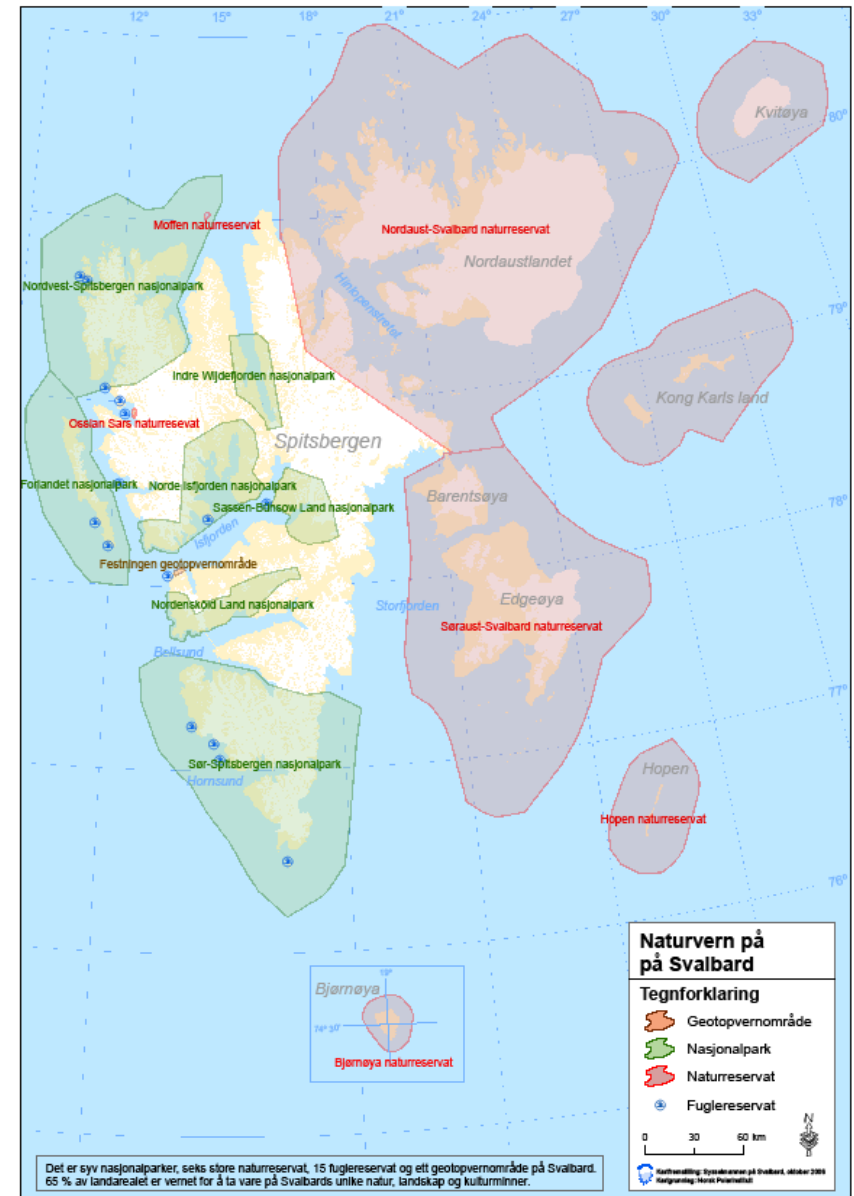
Transportation

Lance

Special circumstances / need of permission

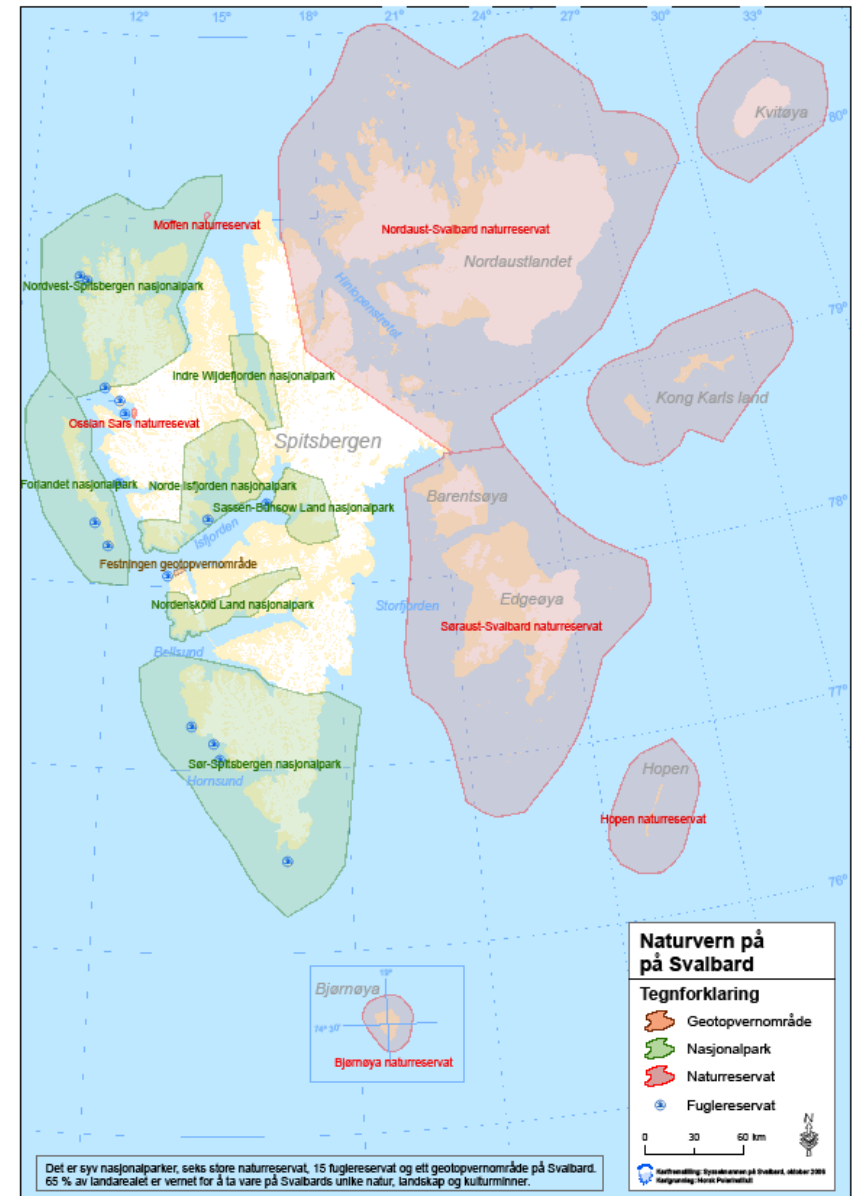
None

Special HSE aspects



Activities and fieldwork – UNIS courses

- AB 203, 204, 330**
 4 field excursions, day trips and overnight stays (2 excursions to Billefjorden)
 Area: Billefjorden, Nordenskiöld land
- AG 204, 209, 325, 330, 335, 341**
 18 field excursions, day trips and overnight stays
 Area: Nordenskiöld land, Pyramiden, Svea, Storvola
- AGF 212**
 1 field excursion over 2 weeks – day trips
 Area: Tellbreen
- AT 324, 329, 307F**
 2 field excursions and overnight stays
 Area: Longyearbyen, Ny-Ålesund and Svea



Activities and fieldwork elsewhere.

Svea

Fieldwork for courses, master and PhD

Overnight stay in Polartun

Ny Ålesund

Fieldwork for courses, master, PhD and science projects.

Barentsburg

Fieldwork for courses

Pyramiden

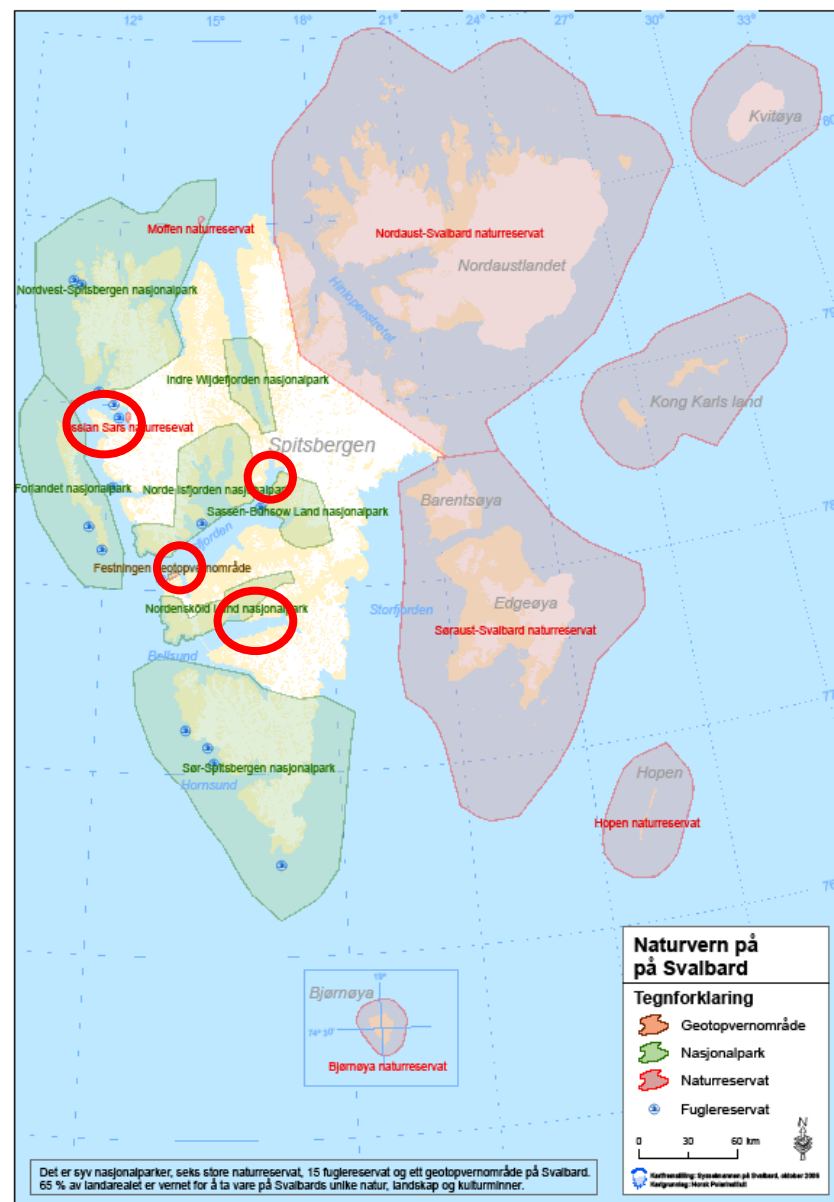
Fieldwork for courses

Kapp Linné

Fieldwork for courses, master, PhD and science projects

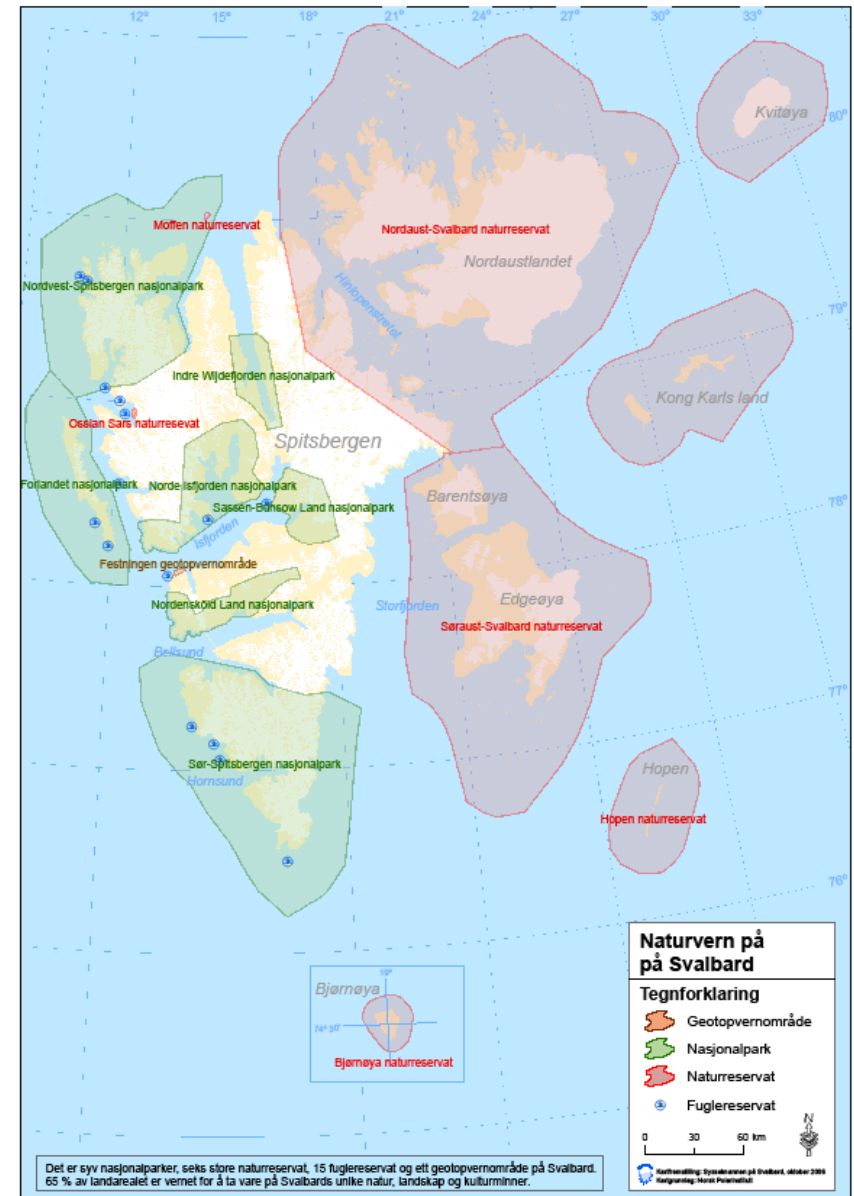
Field camps (overnight stays in tents):

Billefjorden, total nights in field 3 weeks



Safety course

- Completed: Week 2 for spring term students, 110 participants
- Expected numbers of courses and participants for the spring season:
 - 40 safety courses booked
 - Approx. 500 participants will go through safety training
- Safety seminar for Master and Phd:
 - Avalanche
 - Sea ice
 - Field Leadership
- Student production goal in the autumn of 2011 is 170 student years, indicating an increase from 2010 goal of 150 students years



Unsolved matters / needs

- From 2014 new icegoing vessel, replacer for Jan Mayen and Lance.

