

# **The Research in Svalbard database (RiS) – a valuable tool for researchers in Svalbard**

Margrete Keyser, SSF secretariat



# About SSF

*- added value through cooperation*



# Objectives

- Increased cooperation within Svalbard research
- Increased coordination of activities
- Open sharing of data collected in Svalbard
- Reduced environmental impact (from research)

*Svalbard Science Forum – added value through cooperation*



# Instruments

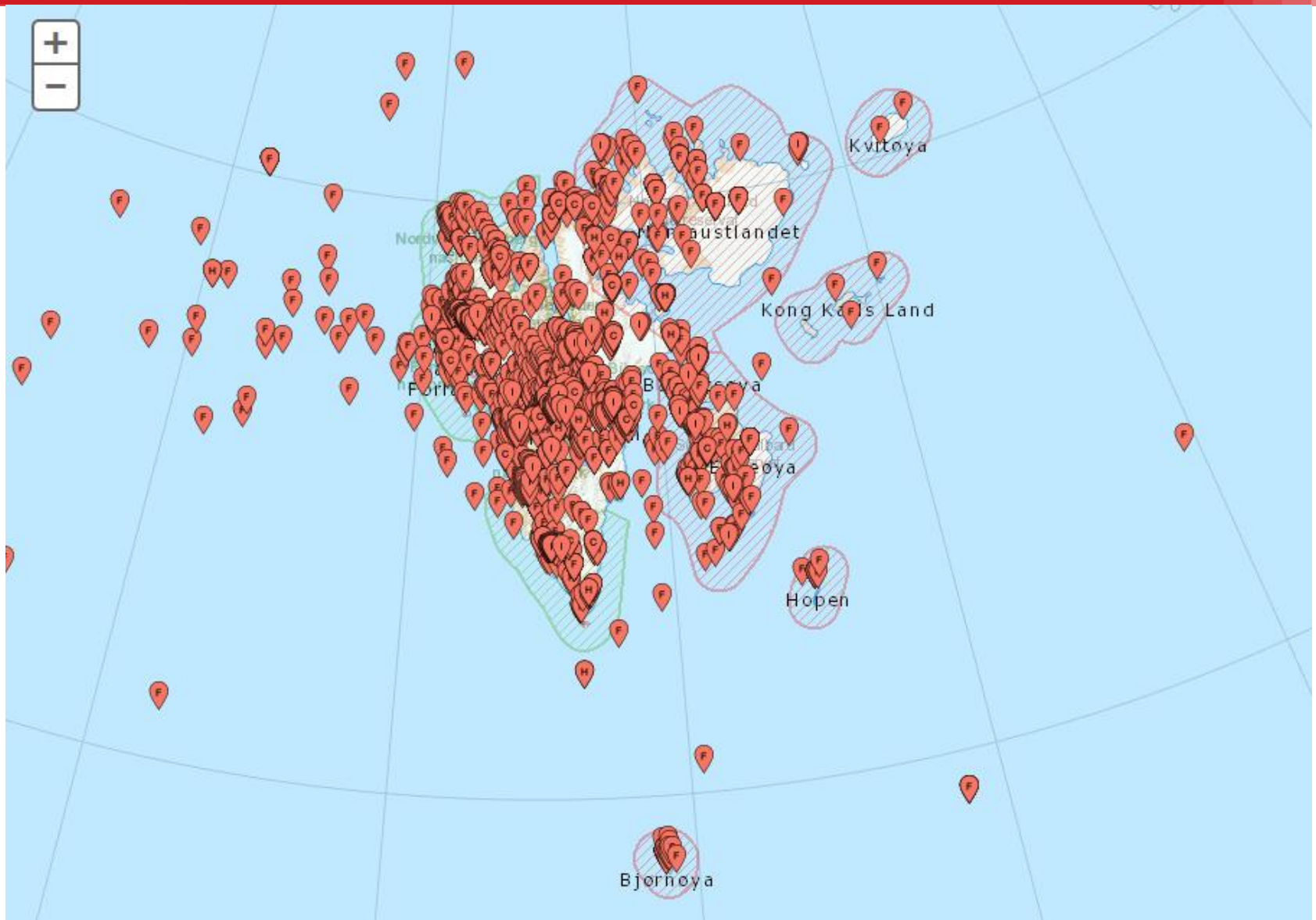
- Research in Svalbard (RiS) database
- Information activities
- Funding opportunities
  - Arctic Field Grant
  - Svalbard Strategic Grant
- Providing meeting places

*Svalbard Science Forum – added value through cooperation*

# What is RiS?

*- added value through cooperation*





- added value through cooperation



SYSSELMANNEN  
PÅ SVALBARD

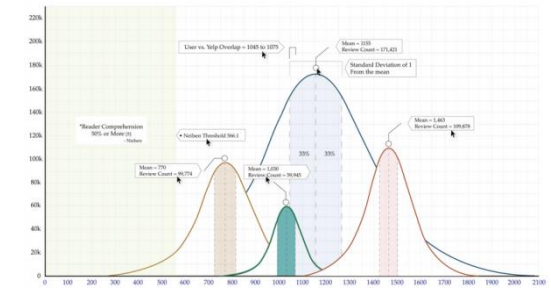
GOVERNATOR OF SVALBARD  
ГУБЕРНАТОР СВАЛБАРДА



People



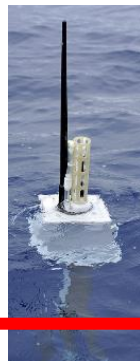
Fieldwork



Meta data



Booking of services  
in Ny-Ålesund



Installations



Publications

*- added value through cooperation*



The Research in Svalbard database (RIS) contains information about research and monitoring projects in Svalbard and surrounding waters. Logged in users can **submit applications for research activity** and **book services in Ny-Ålesund**.

## LOG IN

Register and update projects.  
Apply for research activity.  
Book Ny-Ålesund




[New user](#)  
[Forgot password](#)

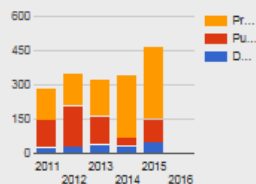
## SEARCH

No login needed to search all  
information about research in  
Svalbard.



## KEY NUMBERS

2853 projects  
11826 publications  
357 datasets



## THIS YEAR

93 active projects  
10 new registrations  
19 countries  
284 scientists

[List view](#) | [Map view](#) | [Statistics view](#)



Map: 242 active fieldwork locations today

*- added value through cooperation*



Does anyone else  
study permafrost in  
Svalbard...??



Photo: Kjersti Gisnås

*- added value through cooperation*

## LOG IN

Register and update projects.  
Apply for research activity.  
Book Ny-Ålesund

Username (e-mail)

Password

Log in

## SEARCH

No login needed to search all  
information about research in  
Svalbard.

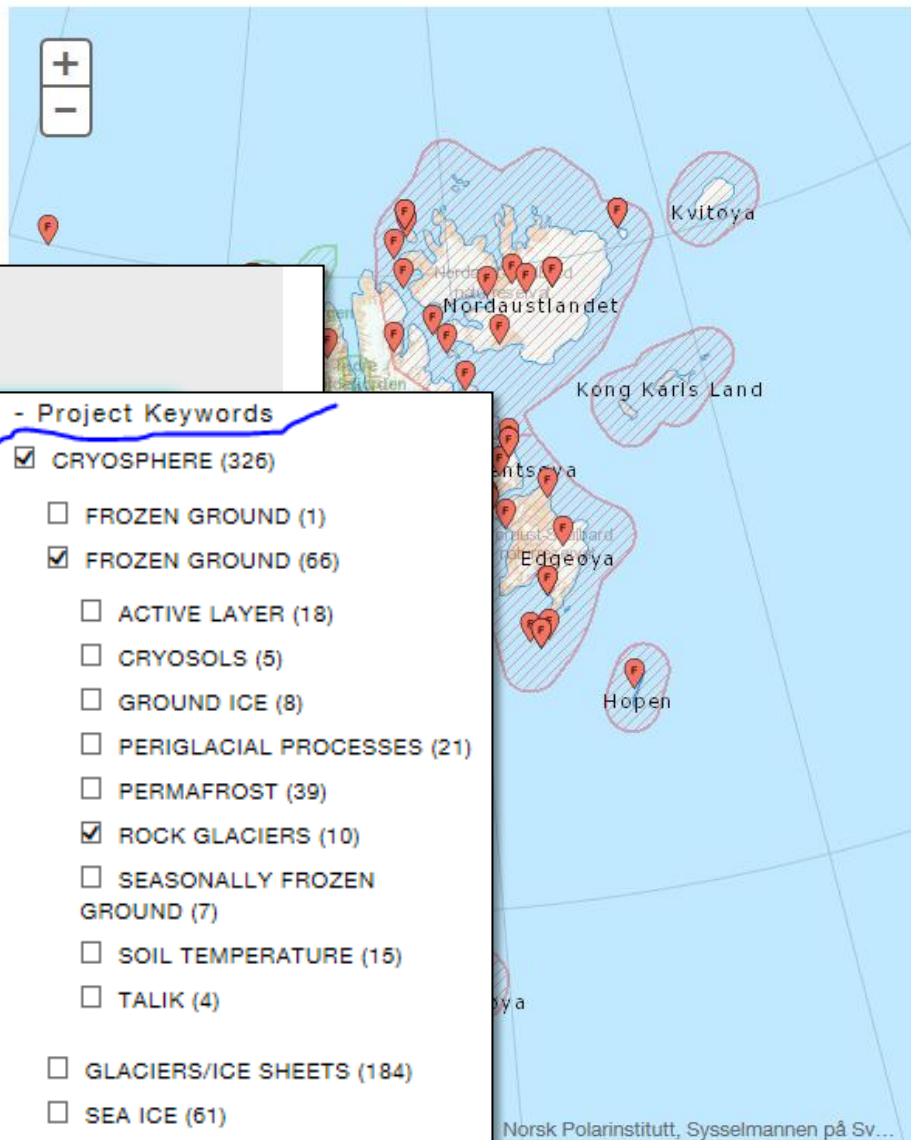
## Permafrost

### - Project Discipline

- ☐ Terrestrial Biology (203)
- ☐ Marine Biology (188)
- ☐ Cryosphere (182)
- ☐ Geology (179)
- ☐ Atmosphere (171)
- ☐ Oceanography (111)
- ☐ Other (83)
- ☐ Technology and... (48)
- ☐ Social Sciences (30)
- ☐ Space Physics (25)

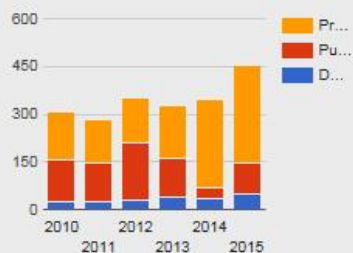
### - Project Keywords

- ☒ CRYOSPHERE (326)
  - ☐ FROZEN GROUND (1)
  - ☒ FROZEN GROUND (66)
    - ☐ ACTIVE LAYER (18)
    - ☐ CRYOSOLS (5)
    - ☐ GROUND ICE (8)
    - ☐ PERIGLACIAL PROCESSES (21)
    - ☐ PERMAFROST (39)
    - ☒ ROCK GLACIERS (10)
    - ☐ SEASONALLY FROZEN GROUND (7)
    - ☐ SOIL TEMPERATURE (15)
    - ☐ TALIK (4)
  - ☐ GLACIERS/ICE SHEETS (184)
  - ☐ SEA ICE (61)
  - ☐ SNOW/ICE (74)



## KEY NUMBERS

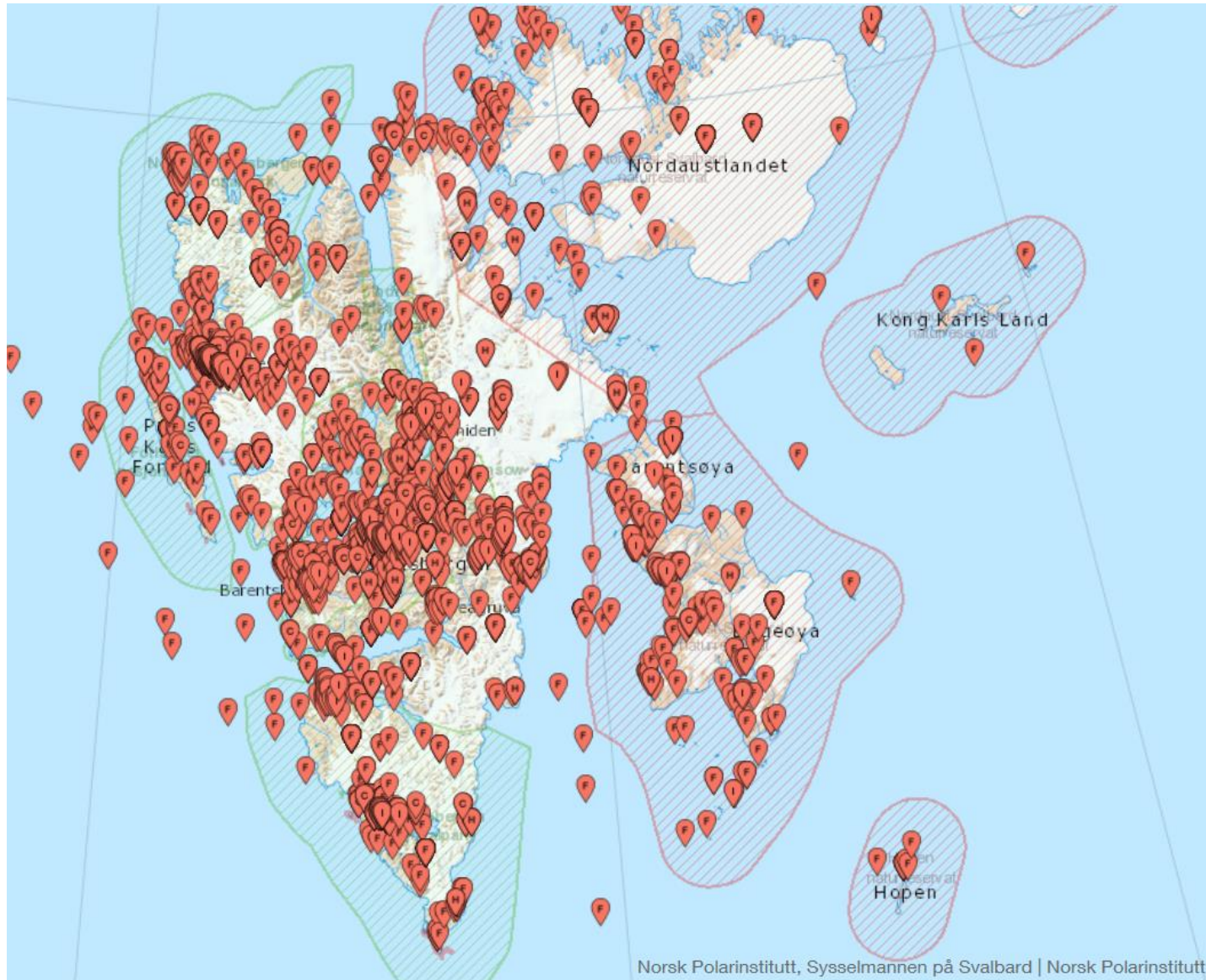
2837 projects  
11817 publications  
357 datasets



Next stop Bjørnøya... is any one else planning to be there in June? We could charter transport together ... cut back costs a bit...



- added value through cooperation



- added value through cooperation



- ☒ Fieldwork (203)
- ☐ Installations (52)
- ☐ Helicopter (1)

[View all](#)

- Project Status

- ☒ In Work (203)
- ☐ Finished (4)
- ☐ Planned (4)

[View all](#)

- Map Period

Show resources that are active during the selected dates

From:

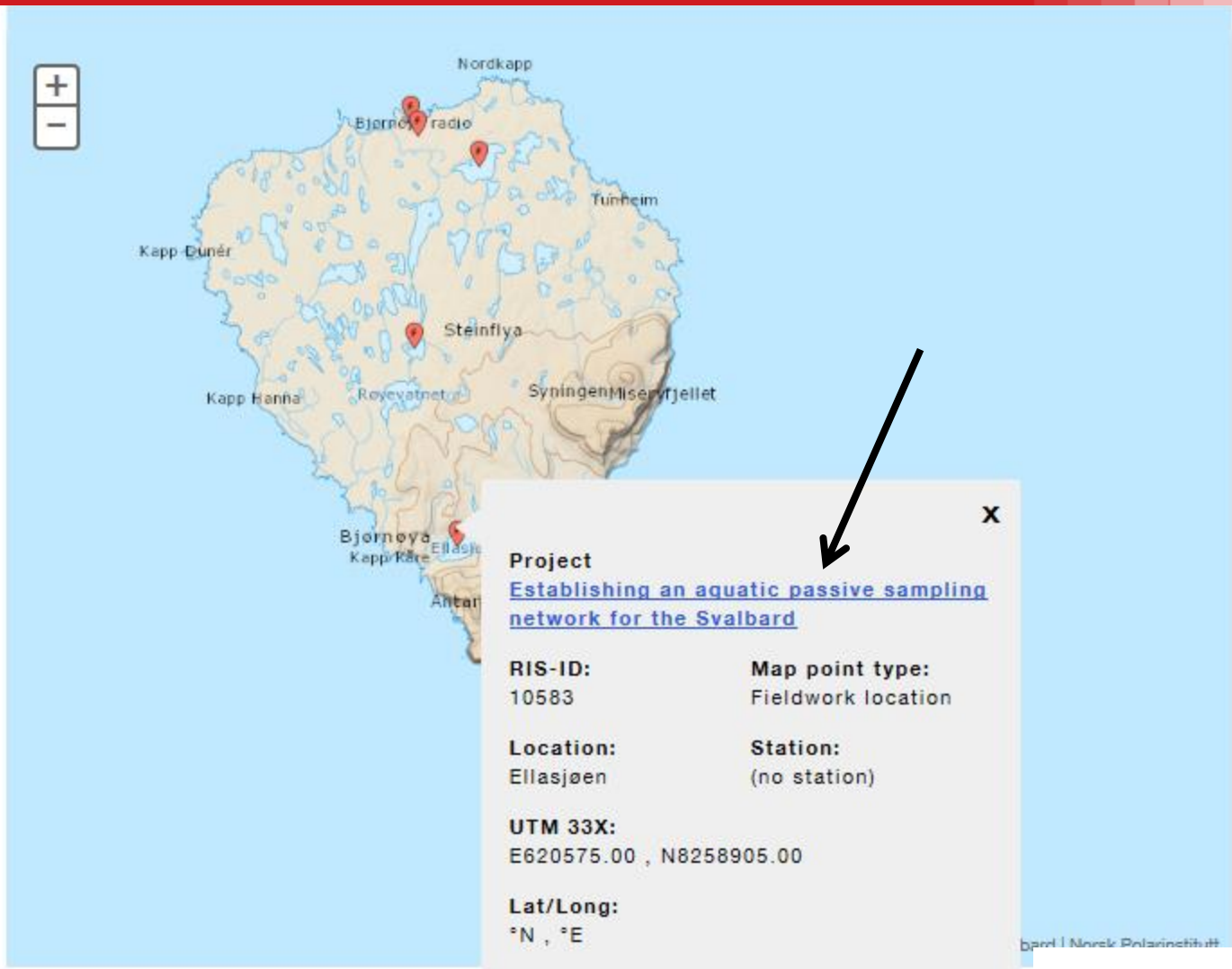
2016-09-28

To:

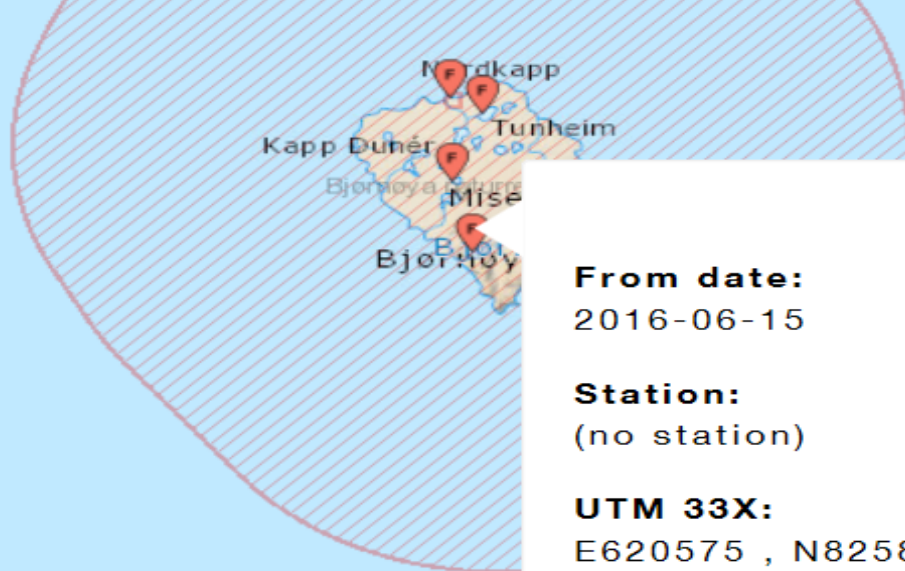
2016-10-31

- Fieldwork Period

Show projects with active fieldworks during the selected dates



- added value through cooperation



**From date:**

2016-06-15

**To date:**

2016-09-30

**Station:**

(no station)

**Location:**

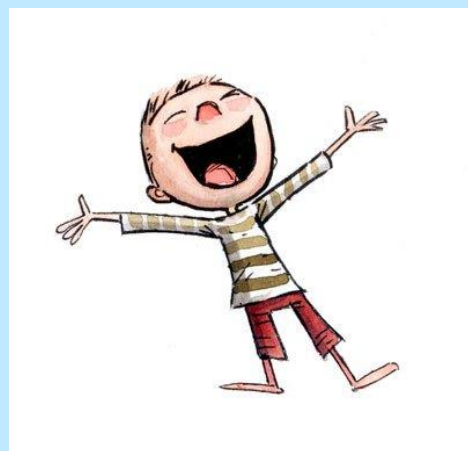
Ellasjøen

**UTM 33X:**

E620575 , N8258905

**Lat Long:**

74.383593 , 19.015535



Norsk Polarinstitut | Norsk Polarinstitut, Sysselmannen


Type	Period	From	To	Coordinates	Station	Location
Fieldwork	1	2016-06-15	2016-09-30	<a href="#">E620575, N8258905</a> <a href="#">74.383593°N, 19.015535°E</a>	(no station)	Ellasjøen
Fieldwork	2	2016-06-15	2016-10-31	<a href="#">E621263, N8270829</a> <a href="#">74.489785°N, 19.065476°E</a>	(no station)	Laksvatnet



- *added value through cooperation*

## PROJECTS

### AWIPEV KONGSEJORDEN UNDERWATER MONITORING



+

-

Type

Fieldwork 1

Fieldwork 2

Fieldwork 3

Pe

PROJECT MEMBERS

[Arjun Chennu](#)  
Investigator  
MPI

[Philipp Fischer](#)  
Responsible institution  
Germany

PARTICIPATING INSTITUTIONS

[Alfred Wegener Institute Helgoland \(AWI-Helgoland\)](#)  
Responsible institution  
Germany

Location

Ålesund

PROJECT UPDATES

2015-07-18

The system provides two webcams. Above water webcam: This webcam is located at the very end of the old old pier looking towards the fjord and the site where the Underwater Observatory RemOs1 surfaces. This webcam is public and can be reached at: [www.####](#) Underwater webcam. This webcam is located underwater at the Remos1 itself and has a view towards the bottom of the fjord with some of the underwater installations of the Observatory. This webcam is public and can be reached at: [www.### Philipp Fischer](#)

PUBLICATIONS

The validated data will be stored in the open access mode at the databases COSYNA and PANGAEA.  
[www.cosyna.de](#), [www.pangaea.de](#)

DATASET

No dataset yet

Duration

2014-03-15 - 2022-03-29

Institutions

AWI-Drillmeppen, AWI-Helgoland, AWI-Sylt, MPI, LOV, 4HJena, loth-informatik

- added value through cooperation



# Thank you for your attention



*- added value through cooperation*