POLARIN

POLAR
RESEARCH
INFRASTRUCTURE
NETWORK

POLAR RESEARCH INFRASTRUCTURE NETWORK

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www.eu-polarin.eu

FUNDED BY THE
EUROPEAN UNION

Funding

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15M€ - Horizon Europe

RI Services

Coordinator: AWI

54 partners

64 RIs

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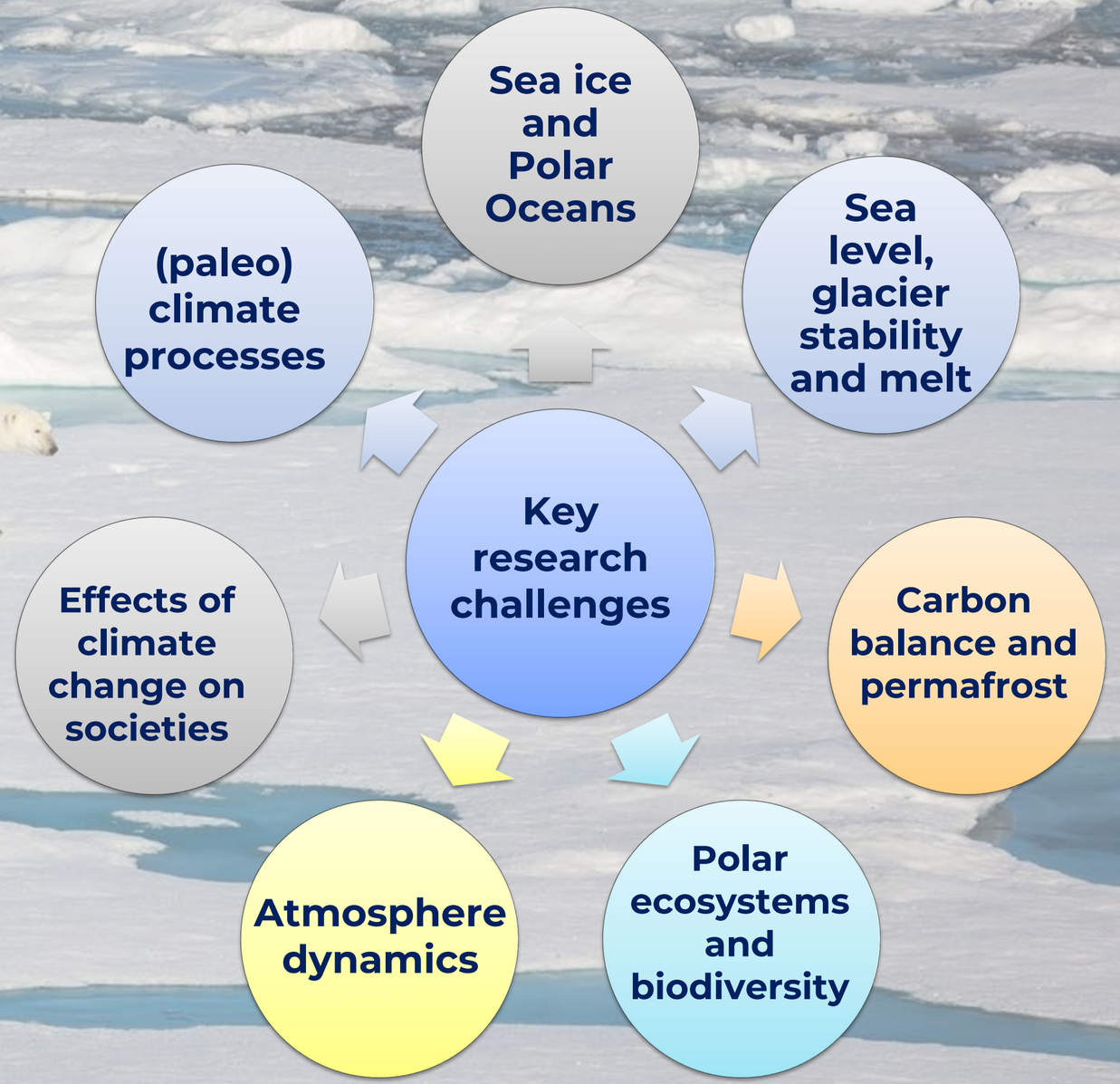
Overall Aim

To provide **efficient and customised RI services** to address the scientific challenges of the polar regions, including **access to a wide portfolio of complementary and interdisciplinary top level RIs.**



POLARIN Project - Objectives

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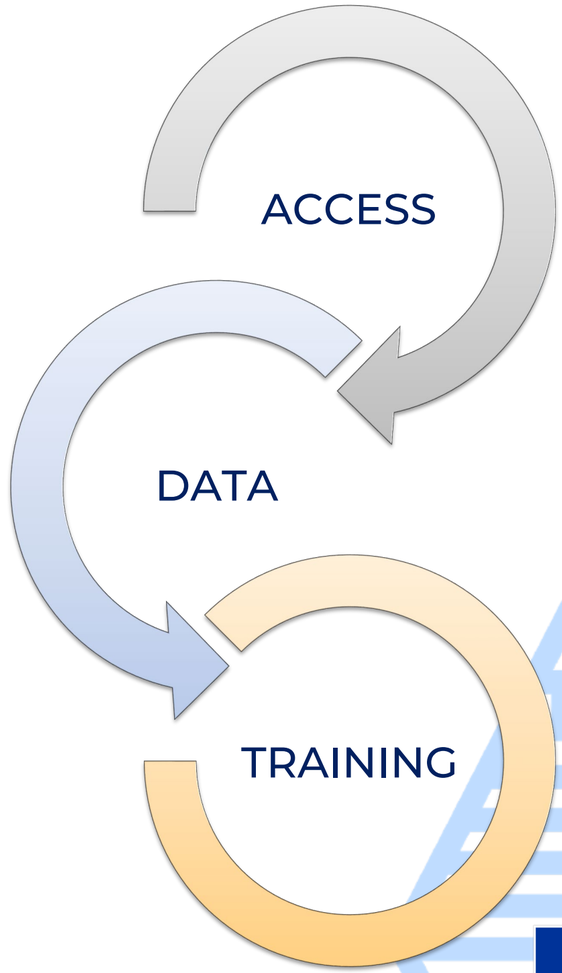
POLARIN will

Integrate and combine the access to Arctic and Antarctic RI

Improve online services, data access and interoperability

Ensure that the new generations are trained to exploit the leading edge RIs



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Access

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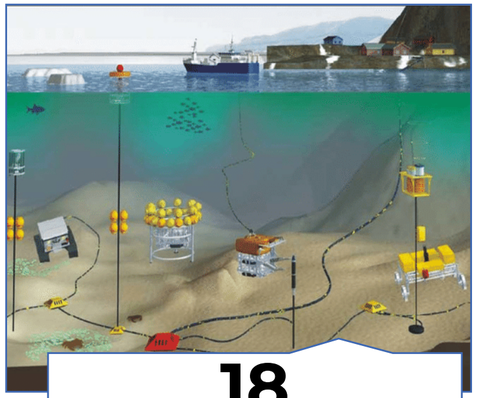
Access integration to **64** research infrastructures in **both poles**

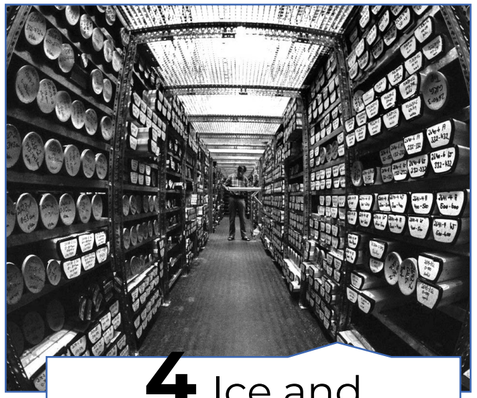
TRANSNATIONAL ACCES

38 Research stations

12 Polar vessels



18 Observatories



4 Ice and sediment core repositories

7 Data infrastructures

FULLY FUNDED ACCESS TO RESEARCH INFRASTRUCTURES **FOR RESEARCH PROJECTS** ADDRESSING THE **KEY RESEARCH QUESTIONS** IN THE POLAR REGIONS

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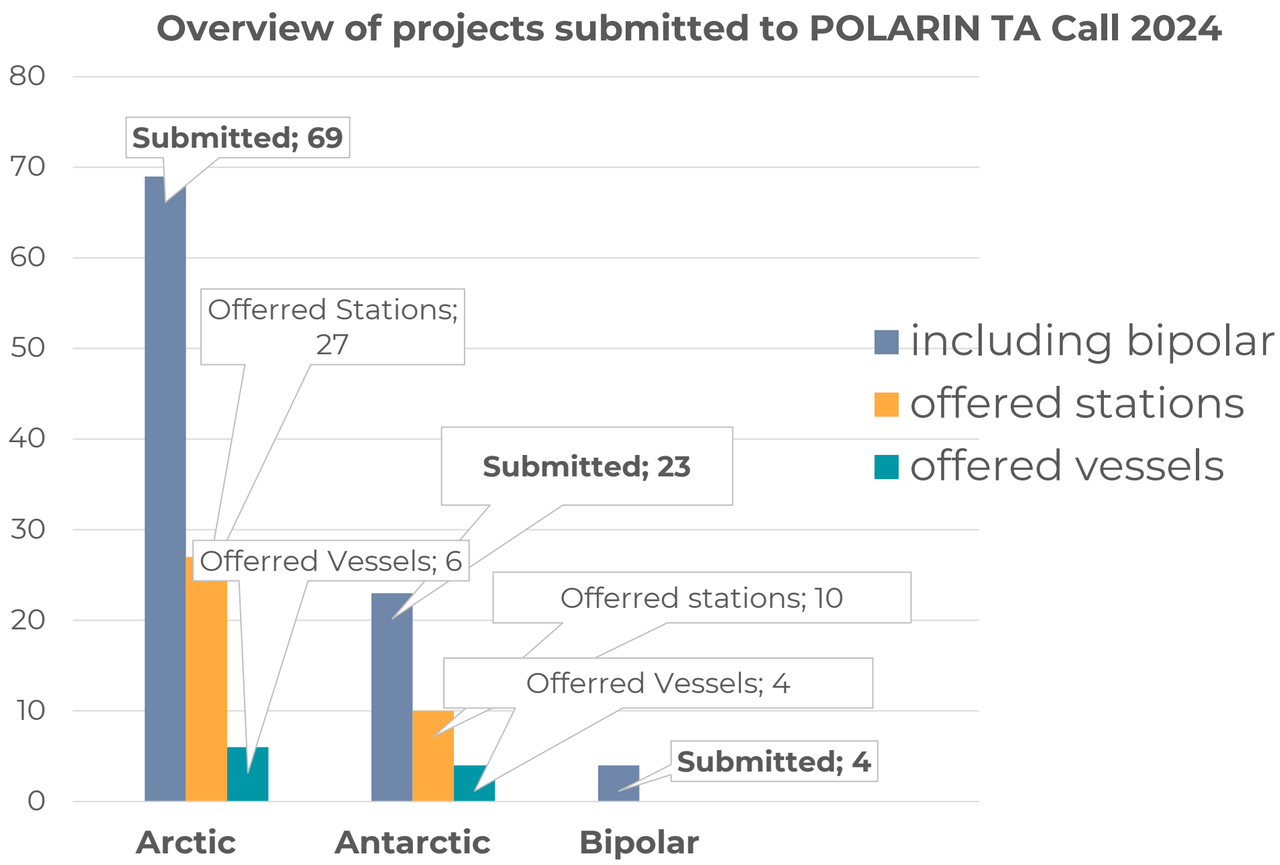
Annual POLARIN TNA CALLS

POLARIN TAP on-line system https://polarin-tap.eu.inkode.org/ used for proposal submission, evaluation and access management.



1st TA Call (Oct-Nov 2024):

Access offered to 49 RIs
96 proposals, 86 eligible
4283 units applied
Access granted to 37 projects (43%)
36 proceeding to implementation

2nd TA Call (Sept-Oct 2025):

Access offered to 42 RIs
104 proposals, 93 eligible
4489 units applied
Evaluation phase ongoing
Access decisions in March 2026

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TA GRANTED SO FAR

- 36 projects selected for implementation
- 18 projects implemented in 2025 (mainly to Arctic)
- 18 projects implemented in winter 2025/2026 and summer 2026 (mainly to Antarctica and vessels)

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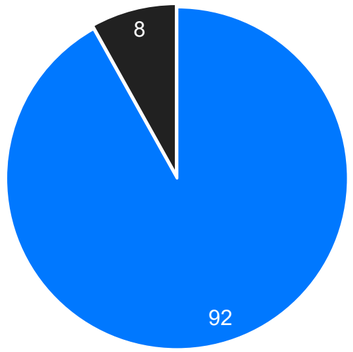
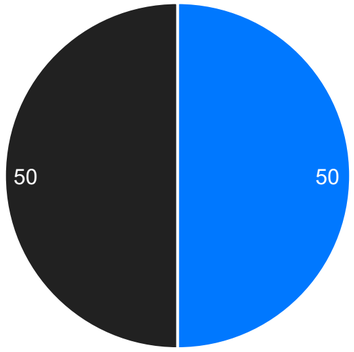
Access modality



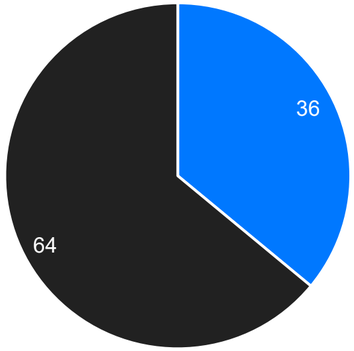
92 % In-person
8 % Remote

Gender balance



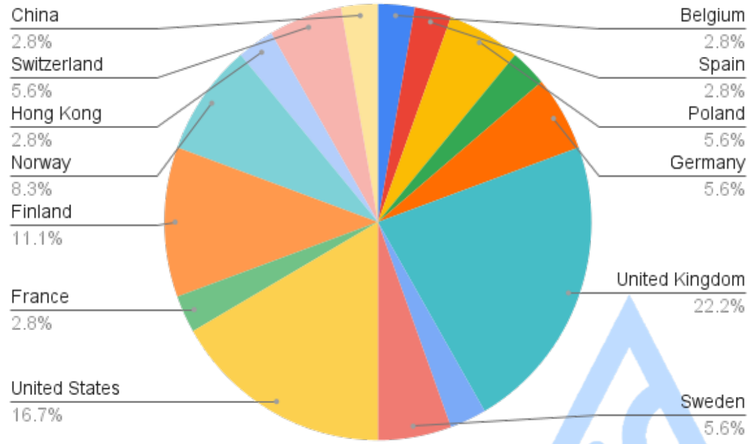
50 % Males
50 % Females

Researcher status

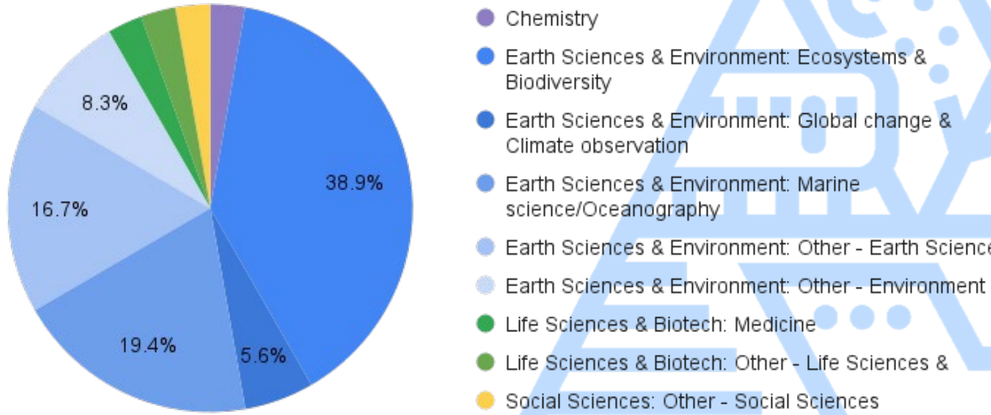


36 % ECR
64 % Experienced

UGL Institution Countries (15)



UGL Field of Research (9)



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3rd POLARIN TA Call will open in September 2026!

Learn more about POLARIN:
https://eu-polarin.eu/

Find info about POLARIN RIs:
https://eu-polarin.eu/infrastructure/

https://www.polarin-gis.org/

Register to POLARIN TAP:
https://polarin-tap.eu.inkode.org/

Join the POLARIN Expert Pool now!
(check registration link in POLARIN news)

Sermilik lake view. Photo by: PROMETHEUS project.

POLARIN DATA HUB - Beta

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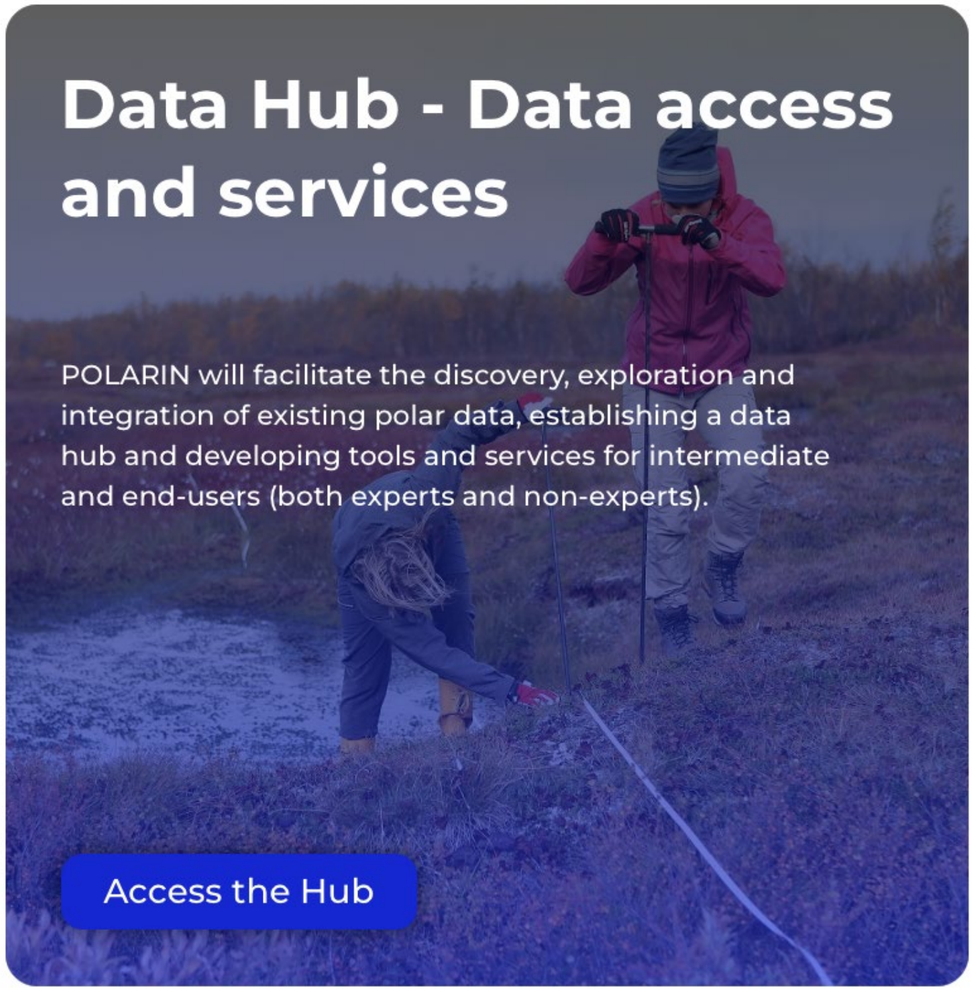

https://s4polarin.eu/#/

POLARIN Data HUB is a framework that organizes the legacy of resources facilitating the access, use, reuse and dissemination of data

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POLARIN DATA HUB - Beta

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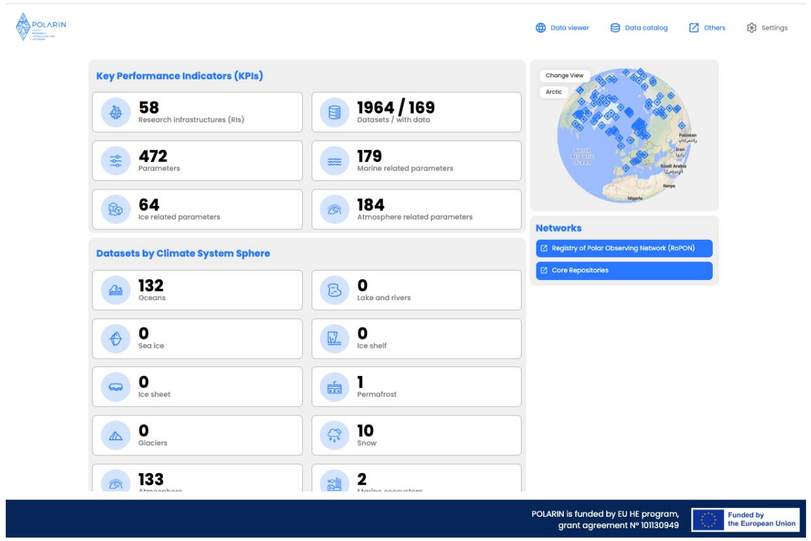

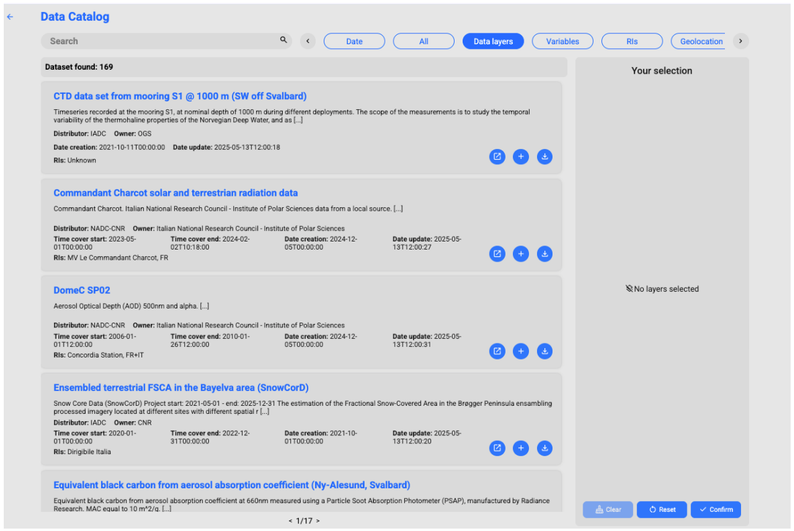

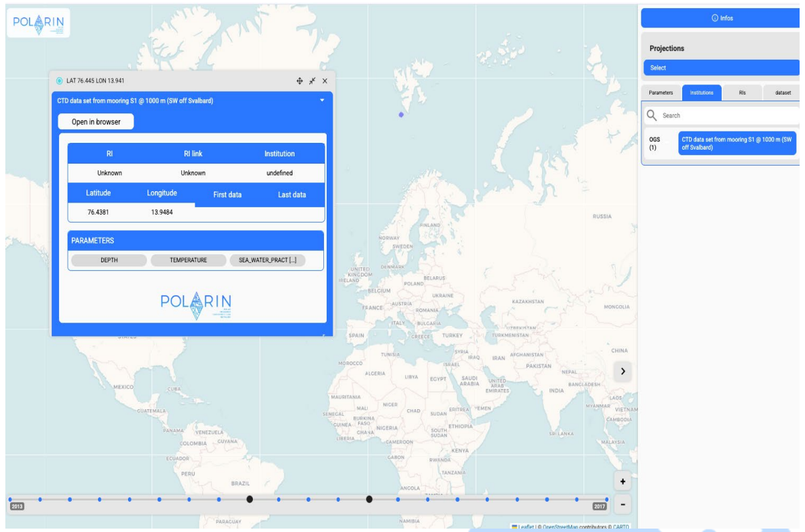

1) an overview of the availble resources (and links to services)
2) shopping basket to fine tune selection
3) viewer to pre-view/download
4) more soon...

Virtual access to data opening soon!

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POLARIN Data Hub: Virtual Access to 21 RIs

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Virtual Access Infrastructures

Infrastructures Offered for Virtual Access:

- + Observational Networks **2**
- + Data Infrastructures **7**
- + Research Stations & Observatories **12**

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TRAINING for Research Infrastructure Users

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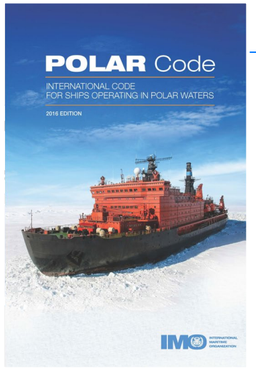
Training for early career scientists and professionals

Training on data stewardship



Safety training

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Training resources and activities

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Online training material, knowledge hub and brochures on polar research

- **Planning** for polar fieldwork
- **Safety** in polar fieldwork
- **Data** Stewardship
- **Ethics** in polar research
- **Impact** of polar research

Available online in 2026.

Planning for polar fieldwork

An introduction to the safe, efficient and sustainable use of polar research infrastructure in the Arctic and Antarctic

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To secure safe and sustainable fieldwork POLARIN provides general guidance on: Polar fieldwork planning – Polar fieldwork safety – Reducing impacts of polar fieldwork – Engaging Indigenous Peoples and local communities – Data Management. This brochure focusses on planning polar fieldwork.

While it does not replace adequate training and the consultation of the research infrastructure with specific questions, it aims to provide a broad overview and guides you to in-depth resources that you should utilize when preparing for a stay at a research infrastructure.

The essentials

- Know the research infrastructure
- Develop a plan A, B and C for your research
- Prepare a data management plan
- Discuss how to work together
- Acquire required skills and equipment
- Assess and mitigate risks
- Assess and mitigate impacts
- Learn about regulations and obtain permits
- Prepare freight
- Follow instructions provided by the RI

Make a plan

Fieldwork can be is an important part of the research process. In the beautiful, wild but also unforgiving polar areas, it is essential to be well prepared to achieve a safe and efficient data collection addressing specific scientific aims.

Polar infrastructures have long experience with operating in the harsh and sometimes challenging environments. It is important to follow guidelines and operational procedures provided by the infrastructure to secure a safe and efficient productive stay, and you should never hesitate to ask for advice.

This brochure will help you remember the key considerations you should address when planning fieldwork in a polar environment.

Know the infrastructure and its environment

Infrastructures have often provide site manuals or guidelines for visitors and usually often share a wealth of information on their websites. Read this material carefully and use the information to carefully thoroughly plan your activities and assess risks.

- Allocate enough time for unforeseen events and remain flexible. Have a plan A, B and , C (and more if possible), D, etc., as climate and environmental conditions can be extreme and change quickly, impacting opportunities the timing, location and procedures to do conduct research in accordance with your plan A.
- Having multiple plans is especially relevant when working on ships vessels where weather and ice conditions may alter ship routes and stations.

Mental and physical preparedness, good planning, effective communication and proper equipment to prevent incidents from happening is a much better strategy than having to deal with the consequences of an accident.

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Training resources and activities

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Webinar 2025:

The Recording is available online at
vimeo.com/apecs/polarin-2025

Webinar 2026:

Save the date!
***9 April 2026* and *16 April 2026*.**

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OPPORTUNITIES for ECRs

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Access to World-Class Research Infrastructures (TA)

🧭 On-site or remote access to:

- Arctic & Antarctic research stations
- Research vessels & icebreakers
- Observatories
- Ice/sediment core archives

🎯 Hands-on field experience in polar environments.

Virtual Access to Data & Data Products (VA)

💻 Free online access to:

- Polar data infrastructures
- Observational networks
- Station-based data streams
- Customised data products
- EO calibration/validation information

🎯 Ideal for students, lab-based work.

Training & Capacity Building

🎓 Training opportunities include:

- Research infrastructure use (equipment, methods, planning)
- Data stewardship & FAIR data practices
- Safety training under polar conditions (Polar Code)
- Online seminar series across disciplines

🎯 Build skills needed to succeed as a polar scientist.

Experience in Peer Review & Evaluation (Expert Pool)

📝 Early-career researchers can:

- Join the POLARIN Expert Pool
- Review transnational access proposals
- Gain experience in evaluation & research assessment
- Understand how competitive polar science is selected

🎯 Professional development rarely offered to ECRs.

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Contact Us

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