

## What is your affiliation?

V2
AMAP Secretariat
Alfred Wegener Institute, Germany
Alfred Wegener Institute, Germany
British Antarctic Survey
CNR-ISP
CNR-ISP
Ca' Foscari University and Polar institute, Italy
Centre National de la Recherche Scientifique
Centre for Polar Studies, University of Silesia in Katowice, Poland
Consejería de Educación y Ciencia. Junta de Andalucía. España.
Copenhagen Business School
GEUS - Geological Survey of Denmark and Greenland
GRID Arendal
INTERACT (personal affiliation: Aarhus University, Institute of Bioscience, Denmark)
Institute of Geography and Spatial Planning, University of Lisbon, Portugal
Istanbul Technical University Polar Research Center / TUBITAK Polar Research Institute
Norwegian Meteorological Institute
Portuguese Polar Program (PROPOLAR), IGOT, University of Lisbon
SPRS
Swedish Polar Research Secretariat
Swedish Polar Research Secretariat
The Geological Survey of Denmark and Greenland
University of Gothenburg
University of Groningen, Arctic Centre, The Netherlands
Westfjord University Center
istitute of polar sciences-National Research Council, Italy

## What is your working relationship with observation data in your organisation?

### The FREQ Procedure

DuVa5	Frequency
Managing observation data	14
Producing observation data	18
Using/consuming observation data	17

## Where are you located (continent)?

### The FREQ Procedure

V4	
V4	Frequency
Europe	26

## Are you or your institution engaged in one or more of the following international activities/organisations?

## The FREQ Procedure

DuVa6	Frequency
Arctic Council (or one of its subsidiaries, i.e. Expert or Working Groups)	9
EU-PolarNet	26
European Polar Board	17
Other EU-funded programmes, like Arctic PASSION, INTERACT or other EU Polar Cluster members	22
Scientific Committee on Antarctic Research (SCAR) / SCAR Standing Committee on Antarctic Data Manage	14
Southern Ocean Observing System (SOOS)	8
Sustaining Arctic Observing Networks (SAON) (or one of its Committees: ADC or CON)	13

## Is the interest/scope of your work?

## The FREQ Procedure

V6	
V6	Frequency
Antarctic	1
Arctic	12
Polar	13

## Within your institution: Do you compile and organise information about observing assets in polar regions?

## The FREQ Procedure

V7	
V7	Frequency
No	4
Yes	22

## If yes, what kind of observing assets does your institution organise information about?

## The FREQ Procedure

DuVa14	Frequency
Networks	11
Observatories	12
Observing systems	11
Programs	12
Projects	12
Sites	15
Stations	12
Transects	9

## If yes, what is the technical framework or structure that your institution use for the organisation of this information?

## The FREQ Procedure

DuVa22	Frequency

Catalogues, databases or online portals	14
Simple information structures (spreadsheet, text files)	16

**If your answer above included "Catalogues, databases or online portals", which?**

V10
AMAP Project Directory: <a href="http://projects.amap.no/directory/amap">http://projects.amap.no/directory/amap</a> ; Study of Environmental Arctic Change (SEARCH): <a href="http://projects.amap.no/directory/search">http://projects.amap.no/directory/search</a> ; ENVINET Activities Catalog: <a href="http://projects.amap.no/directory/envinet/">http://projects.amap.no/directory/envinet/</a>
Databases
GEUS dataverse dataverse01.geus.dk/ moving soon to dataverse.geus.dk/
MEOP, Glider
No polar dedicated database or catalogue
PANGAEA
Polar.se, sites, snd
Printed catalogue, online portals
SITES, ICOS, SND, INTERACT
We have a variety of all three: see <a href="https://www.bas.ac.uk/data/our-data/">https://www.bas.ac.uk/data/our-data/</a>
<a href="https://ppdb.us.edu.pl/">https://ppdb.us.edu.pl/</a>
<a href="https://snd.gu.se/en/">https://snd.gu.se/en/</a> ; <a href="https://data.fieldsites.se/portal/">https://data.fieldsites.se/portal/</a> ; <a href="https://www.icos-cp.eu/">https://www.icos-cp.eu/</a> ; <a href="https://www.smhi.se/en/services/open-data/search-smhi-s-open-data-1.81004">https://www.smhi.se/en/services/open-data/search-smhi-s-open-data-1.81004</a>
<a href="https://www.awi.de/en/science/long-term-observations.html">https://www.awi.de/en/science/long-term-observations.html</a>
promice.org, <a href="http://www.greenmin.gl/">http://www.greenmin.gl/</a>

**If your answer above included "Catalogues, databases or online portals", do they have an Application Programming Interface (API) or other machine-readable endpoint for access (such as OGC CSW, OAI-PMH, or a web accessible folder)?**

The FREQ Procedure

V11	
V11	Frequency
Don't know	4
No	3
Yes	8
Frequency Missing = 11	

**Is the information stored in this/these system(s) accessible for people outside your institution**

The FREQ Procedure

V12	
V12	Frequency
Openly	15
There are restrictions on access	5
Frequency Missing = 6	

**If restrictions on the access apply, please specify**

V13
As open as we can without having a general structure

Data is open after publication
Information not yet accessible to people outside
Most open, but can be restrictions due to embargoes etc.
Part of the data can be accessible upon request
non commercial and scientific purposes only

**If restrictions on the access apply, is your institution currently considering or already implementing developments that will relax the restrictions?**

<b>V14</b>
No
Not yet
We aim for data to be as open as possible
Yes. Publishing the results faster in data journals in the future

**If your institution does not already organise or make the information available, would your institution have the capacity and be interested in making this information available to externals?**

The FREQ Procedure

V15	
V15	Frequency
No	2
Yes	13
Frequency Missing = 11	

**If you answered 'No' to the first question in this section, what could motivate you or your institution?**

<b>V16</b>
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Capacity to do so.
access to resources to develop end-user applications

**If you answered 'Yes' to the first question in this section, how would you or your institution technically want to make the information available?**

The FREQ Procedure

DuVa25	Frequency
Enter the information into an external system through a web entry interface	8
Organise the information in structured files (spreadsheet, .csv-files), following an agreed format and make it available to externals	6
Through an existing technical framework or structure within your institution and expect this to make it available to externals	12

**Would you be willing to update the information provided regularly, say on a yearly basis?**

The FREQ Procedure

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V18	
V18	Frequency
Maybe	8
No	1
Yes	13
Frequency Missing = 4	

Please feel free to provide any additional information that you believe is important in this context. This could be, for example, links to databases available online that you would like to point us to or any other feedback that you would like to provide, etc.

V19
DueSouth ( <a href="https://duesouth.europeanpolarboard.org/expedition/">https://duesouth.europeanpolarboard.org/expedition/</a> ) captures information on future expeditions for the Southern Ocean, could this be extended for all polar regions?
There are several databases and agreements on storing data. We have no capacity to do it more.
We do have a clear picture on our observing assets, yet not available in an open database. What we do not have is a polar version of this information. Although we are interested in making the information openly available we currently do not have the resources.
at the moment we aim to use Antarctic ( <a href="http://www.pnra.aq">www.pnra.aq</a> ) and Arctic (under development) portals to provide catalogues and tools to distribute information openly and give the possibility to regularly update and adjour them. These information will complement information accessible through data centers (NADC for Antarctica and IADC for the Arctic) on projects and datasets released
<a href="http://permantar.weebly.com">http://permantar.weebly.com</a> (PERMANTAR - Western Antarctic Peninsula Permafrost Observatories) - the data will be made available online around the end of the year, and we are contributing to GTN-P.
<a href="https://interact-gis.org/">https://interact-gis.org/</a>
<a href="https://ppdb.us.edu.pl/">https://ppdb.us.edu.pl/</a>