

Mapping Arctic Observing Systems and In Situ Data Collections

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ARCMAP can be accessed from <https://arcmmap.nerisc.no/>

ARCMAP is a web-based survey application that can be used to collect updated information about Arctic in situ observing systems and their collected data.

ARCMAP is developed using open source frameworks wq.io and Django REST.

ARCMAP has received funding from the Norwegian Directorate for Climate and Environment and the Nansen Center.

The screenshot shows the ARCMAP login interface with fields for 'Log In' and 'Log Out', and an 'Update data' button. Below the login section is a questionnaire menu titled 'Questionnaire A: ARCTIC EXISTING IN SITU OBSERVING SYSTEMS' with five numbered sections: 1. GENERAL INFORMATION ON THE OBSERVING SYSTEM AND THE RESPONDENT, 2. OBSERVATIONS AND POTENTIAL ENVIRONMENTAL IMPACT, 3. SUSTAINABILITY OF THE OBSERVING SYSTEM, 4. DATA USAGE, and 5. DATA MANAGEMENT.

The screenshot shows a completed questionnaire form for Agnieszka Besczynska-Möller. The form includes fields for name, affiliation (Institute of Oceanography PAS), email, country (Poland), domain (Ocean and sea ice), and category (OCEAN: Fixed moorings). It also contains a section for general comments on the observing system, mentioning the A-TWAIN moored array.

The screenshot shows the '1B. LOCATION List' interface. It features a list of observing systems on the left, each with a 'Filter items...' button. On the right, there is a map of the Arctic region with several blue location markers indicating the positions of the observing systems.

The screenshot shows the 'Tine Larsen-GLISN network Greenland-GLISN' interface. It includes a map of Greenland with several blue location markers. Below the map is a table with the following information:

Reference to the General Information page	Tine Larsen-GLISN network Greenland
Spatial coverage: name of location	GLISN
*Spatial coverage: Enter a point location, a line or an area.	Locations with multiple points
*Temporal coverage - Start date	1930-01-01
Temporal coverage - End date	

Statistical plots

