

Call for proposals for SIOS access projects

Proposal Deadline: 15th September 2018

Funds available: minimum 500 000 NOK

SIOS seeks proposals from scientists wishing to access SIOS infrastructure for the purposes of conducting Earth System Science research and monitoring.

Background for this call

The Svalbard Integrated Arctic Earth Observing System (SIOS) is a regional observational system for long-term measurements in and around Svalbard, addressing Earth System Science (ESS) questions related to Global Change. The upgraded observing system and research facilities offered by SIOS build on the extensive observation capacity and diverse world class research infrastructure provided by institutions from many nations already established in Svalbard. This includes a substantial capability for utilising remote sensing resources to complement ground-based observations. From this foundation, SIOS envisions a significant contribution to the systematic development of new methods and design for the implementation of observational networks in Arctic environments.

SIOS is aiming at more efficient use and better integration of the observing system based on a distributed data management system, an open access program that includes logistical support, as well as training and education activities.

SIOS does not own any research infrastructure (RI), but will instead facilitate access to RI owned by SIOS members.

Who can apply?

Researchers from any institution may apply. Proposals must be in line with the core scientific priorities of SIOS (see <https://sios-svalbard.org/ObservingSystem> for details).

Access will be prioritised to:

- Activities that will develop a long-term data series to the SIOS observational system and / or help to develop SIOS RI;
- Activities that promote integration of ongoing measurements (intercomparison campaigns, testing of new/common methodologies etc.), especially between different settlements or research stations in Svalbard;
- Activities that are directly linked with existing SIOS coordinated initiatives, like SESS report contributions or using SIOS-InfraNor RI (e.g. the GCI rocket campaigns in Ny-Ålesund (<http://www.grandchallenge.no/>));
- Early career scientists¹;
- Activities that strengthen international cooperation;
- Proposals aiming to test new observing technologies.

¹ Defined as 5 years or fewer since completion of PhD

Details of the call

SIOS aims to optimise the use of existing RI and is therefore offering funded access to facilities owned by SIOS members across Svalbard.

Access projects should use existing RI from SIOS members. Access may be physical (access to a field station, lab or equipment) or virtual (access to data).

A minimum of 125 access days are available in this call. Funding is available to cover travel to the infrastructure, room and board and access to the facility. Individual access support will normally not exceed 14 days.

The fieldwork period must be between 1 January 2019 and 31 December 2019.

The SIOS member facilities that are offering access in this call are described online at https://sios-svalbard.org/Call2018_availableRI.

Additional eligibility criteria

Applicants for access funding must be able to adhere to SIOS data policy and SIOS access policy (www.sios-svalbard.org/Documents).

At least one representative for the access project should be prepared to attend and deliver a short presentation at the SIOS Polar Night Week 2019 (https://sios-svalbard.org/News_20180509). Travel support will be available.

Application procedure

Proposals must be submitted electronically at <https://sios-svalbard.org/AccessApplicationForm>.

All project proposals have to submit an application form, which includes an itemised budget (using the budget template) and a risk assessment. A project description (not exceeding 5 pages) and CVs of all partners must be attached.

Detailed evaluation criteria may be found in the document 'Guidelines for applicants to the SIOS Access Programme'.

The deadline for this call is 15th September 2018. A decision will be expected by mid-October 2018.

Attachments:

- Guidelines for access call (https://sios-svalbard.org/sites/sios-svalbard.org/files/common/Guidelines_SIOS_Call_2018.pdf)
- Description of available infrastructure (https://sios-svalbard.org/Call2018_availableRI)

Contact details

SIOS access and logistics officer <https://sios-svalbard.org/Staff#LogisticsOfficer>