

## SIOS Core Data Curation Call

**SIOS supports the transformation of datasets identified during the core data mapping as SIOS Core Data candidates to FAIR data. Final datasets must be accessible according to the SDMS Interoperability Guidelines and integrated in the SIOS data catalogue in line with SIOS Data Policy.**

### Background

SIOS has defined the very first set of core data that are needed to optimise the common resources for answering identified key research questions in Earth System Science. These SIOS core data (SCD) are the foundation of the observational programme of SIOS, which provides the research community with systematic long-term observations, yet is flexible enough to integrate new methods and research questions. Sharing and updating of the core data is a continuous process in response to the needs of the society. In order to help make the data FAIR, we offer funds to SIOS members.

Proposal submission opens **13<sup>th</sup> April 2021**

Deadline to submit a proposal is **30<sup>th</sup> April 2021 (13:00 CET)**

Funds available are **1.0 million NOK**

### Who can apply?

Employees from SIOS member institution may apply, provided they meet the criteria outlined below. One SIOS partner may submit only one application.

### Eligibility criteria

Applicants must meet the following eligibility criteria to be considered:

- The datasets proposed to be transformed to SIOS Core Data (SCD) must be on the list of SIOS Core Data candidates for the applying institution ([https://sios-svalbard.org/sites/sios-svalbard.org/files/common/SCDmappingresults\\_v1.pdf](https://sios-svalbard.org/sites/sios-svalbard.org/files/common/SCDmappingresults_v1.pdf)).
- Proposals must be in line with the SIOS Core Data strategy ([https://sios-svalbard.org/sites/sios-svalbard.org/files/common/CoreData\\_Documentation.pdf](https://sios-svalbard.org/sites/sios-svalbard.org/files/common/CoreData_Documentation.pdf)).
- Applicants must adhere to SIOS data policy ([www.sios-svalbard.org/Documents](http://www.sios-svalbard.org/Documents)).
- Proposals must be in line with the SDMS Interoperability Guidelines (<https://github.com/SIOS-Svalbard/SDMSInteroperabilityGuidelines>).
- The applying institution must commit to provide datasets as SCD in the next 5 years in a standard developed in consequence of to this application.
- Data must be accessible through SIOS data access portal.

### Evaluation criteria

Submitted proposals will be evaluated according to the following criteria:

- Technical feasibility.
- Contribution to the SIOS Data Management System.
- Institutional commitment to the SIOS core data processing.

## Details of the call

SIOS aims to make the SIOS Core Data candidates available through SIOS Data Management System.

SIOS can support work on:

- Making SCD candidates FAIR data by checking data quality, describing metadata according to standards, converting data to a standard format and sharing data through an open repository.

The work must end before 30<sup>th</sup> November 2021.

Full details of the conditions of the call and guidance on writing a proposal may be found in the document 'Guidelines for applicants to the SIOS Core Data Curation Call'.

## Application procedure

Proposals must be submitted electronically at SIOS web page (<https://sios-svalbard.org/CoreData>). A project description (not exceeding 2 pages) and CVs of all partners must be attached.

The deadline for this call is 30<sup>th</sup> April 2021. A decision on which proposals will be funded is expected by the middle of May 2021.

## Contact details

For further guidance, contact the SIOS scientific and data officer <https://sios-svalbard.org/Staff>

### Attachments:

- Guidelines: [https://sios-svalbard.org/sites/sios-svalbard.org/files/common/Guidelines\\_for\\_SCD\\_call\\_2.pdf](https://sios-svalbard.org/sites/sios-svalbard.org/files/common/Guidelines_for_SCD_call_2.pdf)
- SIOS core data partners commitment in 2020 [https://sios-svalbard.org/sites/sios-svalbard.org/files/common/SCDmappingresults\\_v1.pdf](https://sios-svalbard.org/sites/sios-svalbard.org/files/common/SCDmappingresults_v1.pdf)
- SIOS core data documentation <https://sios-svalbard.org/CoreData>
- the SDMS Interoperability Guidelines <https://github.com/SIOS-Svalbard/SDMSInteroperabilityGuidelines>
- SIOS data policy: [www.sios-svalbard.org/Documents](http://www.sios-svalbard.org/Documents)