Data management in an integrated Arctic Observing System

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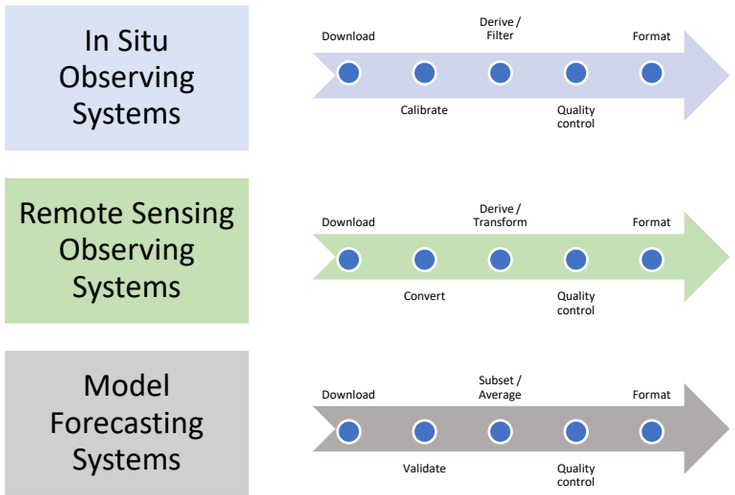
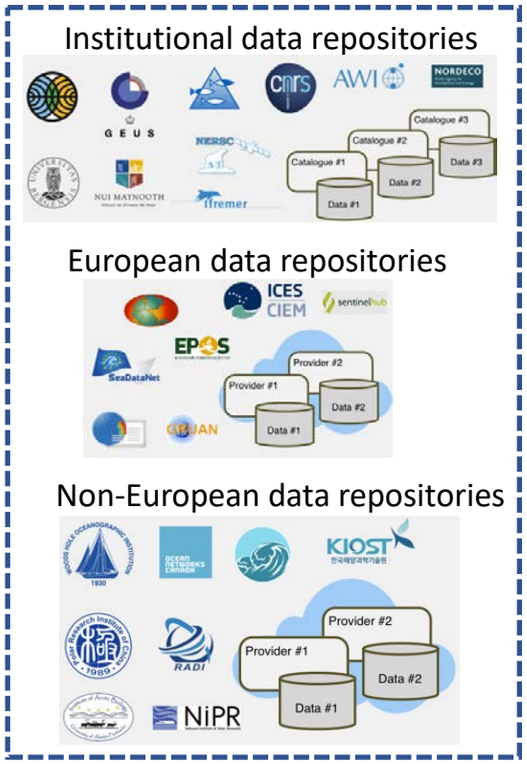
The integrated Arctic Observation System (iAOS) consists of observing infrastructures, data systems storing and providing access to data, and computer platforms for integration, service development and deployment. iAOS addresses the full data value chain from observation or simulation to delivery to users through the iAOS Portal or custom applications. All data are stored in open data repositories with long-term funding to ensure data remain available for future use in science, public and private sector.



Schematic workflows for the major categories of data in iAOS. Each workflow uses established practices to process and quality control the data before preparing datasets for publication using standard formats.



iAOS integrates data from open data repositories using standard protocols.

Search

Access

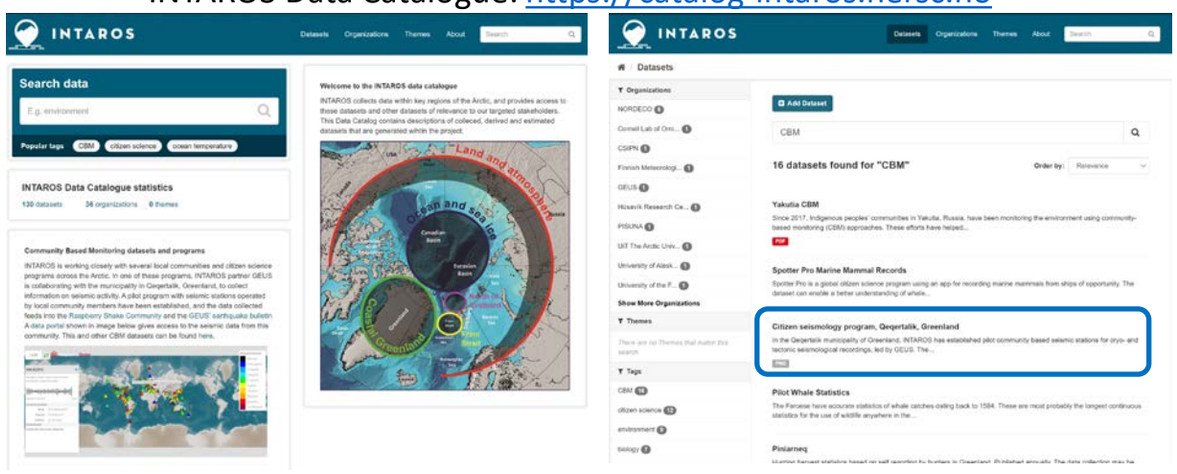
iAOS leverages cloud computing technologies in development and deployment of services for data processing and analytics.

iAOS Cloud Platform

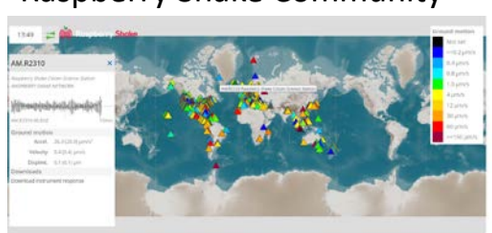
iAOS Portal

iAOS Portal: https://portal-intaros.nersc.no

INTAROS Data Catalogue: https://catalog-intaros.nersc.no



Seismic data access through the Raspberry Shake Community



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727890.