Supporting the implementation of GEOSS in the Arctic in collaboration with Copernicus

Name
Title
Date and place
Scope

The action should coordinate with projects stemming from the NSFs Arctic portfolio, such as the "Navigating the New Arctic" programme, and other actions of the Transatlantic Ocean Research Alliance, by establishing joint operational activities, in order to support the mission and objectives of the international initiative on Arctic observations brought forward by the Sustaining Arctic Observing Networks (SAON).

(i) advancing the operationalisation of an integrated pan-Arctic Observing System in preparation for a possible future ArcticGEOSS initiative;

(iii) setting up pilot services and implementing the coordinated network of those services necessary for the adaptation to climate change in the region;

(iv) contributing to the interoperability of Arctic Data systems
One-pager for the consortia

• The *Roadmap for Arctic Observing and Data Systems (ROADS)* process:
  - Develop templates
  - Engage with 2-4 communities. Work with them to identify 2-4 EAVs
  - Report to AOS and ASM4

• *Contributing to the interoperability of Arctic Data systems*:
  – The Arctic Data Committee

• Pilot services
  – Can the SAON Board formulate input to these (local, regional, global)
Resources/Funding

- A two year period:
  - 24 man months of salary
  - Two workshops
  - Travelling

GPS observations near Belcher Glacier, Devon Ice Cap, Nunavut. Photo: Martin Sharp
More information:
www.arcticobserving.org