



Ocean Practices OBPS Workshop VI 05 -19 October 2022



Capacity sharing in Arctic Community-Based Monitoring

Date: Wed Oct 12 2022, 14.00-15.30 UTC

Chair: Stein Sandven, Nansen Environmental and Remote Sensing Center,
Co-chair: Louise Mercer, Northumbria University

Description

The CAPARDUS H2020 project has focus on promoting and supporting Community-Based Monitoring (CBM) and Citizen Science (CS) initiatives across the Arctic. A major objective of the CBM/CS systems is to produce specific environmental and climate information to support management of resources, local decision-making and safety of human activities. The main challenges for CBM and CS projects in the Arctic are mainly to (1) bring CBM/CS systems from *ad hoc* initiatives to sustainable observing systems, (2) provide data sharing, including links to scientific data systems, (3) make use of CBM/CS data in decision-making, and (4) establish sustained funding.

The objective and expected outcome of the session will be to:

- Prepare a summary of experiences from some case studies in building CBM systems
- Describe how these experiences best be documented and shared between communities
- Suggest how community-based observing can be strengthened in different Arctic communities

Agenda:

- Introduction to the CAPARDUS H2020 project: Stein Sandven, NERSC
- Lesson learned from developing CBM in Greenland and Russia: Finn Danielsen, NORDECO
- How can coastal communities produce and share information about erosion and permafrost thaw hazards: Noor Johnson and Olivia Lee

- Developing Environmental Community-Based Monitoring Through Collaborative Research and Two-Way Capacity Sharing: Louise Mercer, Northumbria University
- Discussion and wrap-up