Third Arctic Science Ministerial Webinar Series

Description of ASM3 Webinar Theme 1: Observe

This webinar will focus on ASM3 Theme 1: Observe. An overview of progress in enhancing observations and data sharing since ASM2 will be shared as well as new projects and activities on the horizon. This will be followed by a series of short presentations highlighting a few observation projects submitted by ASM3 participating countries and organizations. Recommended Actions to enhance and improve international observing efforts and data sharing will be presented. A short Q&A will follow.

Theme 1: Observe Webinar
20 January 2021
PROGRAM

Start Time: 20 January 2021, 16:00 UTC

Housekeeping remarks and Arctic Land Rights Acknowledgement

Opening Remarks: Introduction to the ASM3 Themes and format for upcoming webinars
[Speakers: Embla Eir or Hiroyuki Enomoto, ASM3 Science Advisory Board Co-Chairs]

Overview of Theme 1: Observe – Progress since ASM2 and Upcoming Projects
[Speaker: Hajo Eicken, ASM3 Science Advisory Board Member]

Highlighted Projects from Theme 1: Observe
[Moderator: Hajo Eicken, ASM3 Science Advisory Board Member]

Synoptic Arctic Survey (SAS)
[Øyvind Paasche, Bjerknes Centre for Climate Research and NORCE, Chair of SAS Scientific Steering Committee]

Mapping the Arctic: Filling Gaps in the Arctic Geospatial Foundation to Support Research and Sustainability
[Ashley Chappell, NOAA]

GLIDER. Unmanned ocean vehicles, a flexible and cost-efficient offshore monitoring and data management approach
[Salve Dahle, Akvaplan-niva]

Atlas of Community-Based Monitoring & Indigenous Knowledge in a Changing Arctic
[Noor Johnson, in cooperation with Inuit Circumpolar Council]

Arctic Biodiversity Data Service (ABDS) and Circumpolar Biodiversity Monitoring Programme
[Catherine Coon, CBMP Co-Chair]

Recommended Actions to Increase International Observations and Data Sharing
[Speaker: Sandy Starkweather, ASM3 Science Advisory Board Member]

Short Question and Answer Session

Wrap-up and Announcement of Upcoming Webinars

End: 17:00 UTC

Background

Theme 1: Observe

Observing networks; Data sharing – towards implementation

Information on the status of ongoing changes in the Arctic is still limited. There are vast data gaps, especially with long-term data which has largely been observed only since the satellite era. There is also room for improvement with data sharing. As observations in the Arctic require considerable human resources and costs due to its remote and harsh environment, it is difficult for a single country alone to build and maintain a long-term observation system. It is, therefore, necessary to collaborate on a system of systems with an international platform to promote cooperation for observing and data sharing.

It was noted in ASM1 and ASM2 that the Sustaining Arctic Observation Network (SAON) initiative can play a key role in resolving these issues. Following the recommendations in the previous meetings, ASM3 will seek an organizational mechanism to provide support to SAON and other necessary actions. Empowering national focal points and offices in each country as well as focusing on recommendations from international assemblies would be the first step.

The desired action for this step is to provide support for the implementation of an observation and data sharing system, and to develop collaboration between scientists and Arctic communities.