

Submission: T-2020-233-22

Title An Interactive Crowdsourcing Poster on Arctic Observing Entities and Priorities

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Theme

- -Theme 1: Design, Optimization and Implementation of the Observing System
- Theme 2: Observing in Support of Adaptation and Mitigation
- OTHER - Topics relevant to Arctic Observing

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Poster title (brief) An Interactive Crowdsourcing Poster on Arctic Observing Entities and Priorities

Abstract - text box

The Arctic research community has long advocated for coordinated and sustained observations to understand the rapidly-changing Arctic and address related societal concerns. In the U.S., the research community has recommended several approaches by which to advance a coordinated Arctic observing system, ranging from focusing on prioritized science topics, to implementing a set of pilot or test cases, to adopting frameworks of Arctic system services and other approaches (e.g., see documents at: <https://www.searcharcticsscience.org/aon/products>). Recent discussions within the research community have recommended the use of societal benefit areas or a business case approach to drive observing priorities—with the increasing realization of the need for equitable inclusion of Arctic Indigenous Peoples.

One aspect that impedes progress for implementation is the dispersed and diverse community of researchers and Indigenous scholars, funders, organizations, and other stakeholders—which although provides for rich and diverse perspectives, also presents a challenge to agreeing on common goals and concrete steps to implementation. This is especially challenging given the complex organizational and governance landscape on national and international scales of those involved in Arctic observing. To take advantage of the opportunity of the Arctic Observing Summit, which will bring together an international audience and provide a valuable venue for discussion, we will present an interactive poster to stimulate discussion and information sharing. This crowdsourcing poster approach will collect information by participants to conceptually map where participants see themselves in the organizational landscape, priorities for observing, and areas for potential collaborations for implementation. After the Summit, we will summarize the collected data for AOS organizers and participants.