

Arctic Observing Summit Poster Abstract

Title: A Unique Perspective on the Arctic Observing Network through the Lens of Program Support and Coordination

AOS sub-theme: Other high-priority issues for Arctic observing

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Over two decades of providing support to the community of Arctic Observing Network (AON) researchers offers the Arctic Research Consortium of the United States (ARCUS) a novel perspective on the trajectory of these efforts. The National Science Foundation's Arctic Observing Network is a system of land, atmospheric, and ocean-based monitoring systems in the Far North. While AON-based observations of Arctic change are intended to be sustained, specific projects and collaborations can be more ephemeral in nature. During the past twenty years, the AON community has developed numerous reports and recommendations for advancing a coordinated and sustained observing network. ARCUS has supported this work through event planning and organization, coordination of programs and strategic planning, and networking with the broader Arctic research community. In this poster, we will share: (1) a timeline of key Arctic community-generated reports and outcomes; (2) a synthesis of AON-relevant activities and community recommendations that ARCUS has supported, such as the Arctic Observing Open Science Meeting; and (3) a review of observed challenges, achievements, and lessons learned along the way.