Arctic Observing Network Design and Implementation (ADI) Task Force Update – January 2012

Purpose of ADI Task Force

The AON Design and Implementation (ADI) Task Force was put in place in 2009 with guidance by the National Science Foundation (NSF). The Task Force is charged with exploring and defining different options on how to best achieve a well-designed, effective and robust U.S. Arctic observing effort that complements and helps integrate activities at the national and international level. The Task Force will provide guidance to NSF, the scientific community, and others engaged in arctic environmental observations on the path towards an Arctic Observing System. The first major ADI Task Force Workshop was held in conjunction with the AON PI Meeting in December 2009,. The task force has also had small meetings of opportunities (e.g., WCRP, AGU) and meets by teleconference.

Task Force Membership

The ADI Task Force is chaired by Hajo Eicken, and supported by the SEARCH Project Office at ARCUS. In addition to the chair, Task Force members include: Sandy Andelman, Larry Hamilton, Marika Holland, Craig Lee, Breck Owens, Mohan Ramamurthy, Peter Schlosser, Harvey Seim, Mark Serreze, John Vande Castle, Charlie Vörösmarty, and John Walsh.

Recent and Ongoing ADI Task Force Activities:

ADI Task Force Survey [December 2011 – February 2012]

The Task Force is currently conducting an online community survey, with distribution via ArcticInfo and direct email to AON PIs. The goal of this survey is to provide the Arctic observing community and other researchers with an interest in the Arctic Observing Network an opportunity for input into the final ADI Task Force document. Results from this survey will help to define the state of the art, and identify open questions, challenges and potential directions to pursue in further research that can inform future Arctic Observing Network design and optimization programs and projects. Findings from the survey will be summarized in the Task Force Report.

ADI Task Force Meeting [Spring 2012]

One final in-person meeting for the entire ADI Task Force will be held this spring (April-June as the target time period) to finalize the ADI Task Force Report.

ADI Task Force Report [Early Summer 2012 Completion]

The key product of Task Force activities and contributors will be a final report to the National Science Foundation, the broader scientific community and other agencies, summarizing findings and recommendations from the ADI Process. The report is in mature draft form, and the Task Force will use the final in-person meeting this spring to finalize the report, with submission to NSF in early summer.

More information about the AON Design and Implementation effort is available at:
http://www.arcus.org/search/aon/adi/