## International Polar Year 2007-2009 etwork (AON): tribution to serving **Arctic Observing Network (AON): Toward a U.S. Contribution to** Pan-Arctic Observing

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> Second IPY Arctic Observing Workshop Edmonton, AB, Canada 9-11 April 2008

Foundation

### **U.S. Federal Inter-Agency Arctic Observing**

**1.** April 2007, the \*IARPC Principals tasked the IARPC staff with the development of AON as part of the implementation of \*\*SEARCH and as a legacy of IPY 2007-2009. NSF and NOAA co-lead this activity.

**2.** Progress: IARPC AON report "*Arctic Observing Network: Toward a U.S. Contribution to Pan-Arctic Observing*" to be published in April 2008 as the 2007 issue of the journal *Arctic Research of the United States*. It will be available as pdf files at <u>www.nsf.gov/od/opp/arctic/iarpc/start.jsp</u>

**3.** Key content of the IARPC AON report includes 'comprehensive' inventory of current Federal Arctic observing activities and locations, and data and information management activities and sources. The report concludes with a list of 10 action items.

**4.** In May 2008, we anticipate the formation of an IARPC AON subcommittee to facilitate coordination and integration of USG Arctic observing activities, i.e., turning action items into substance.

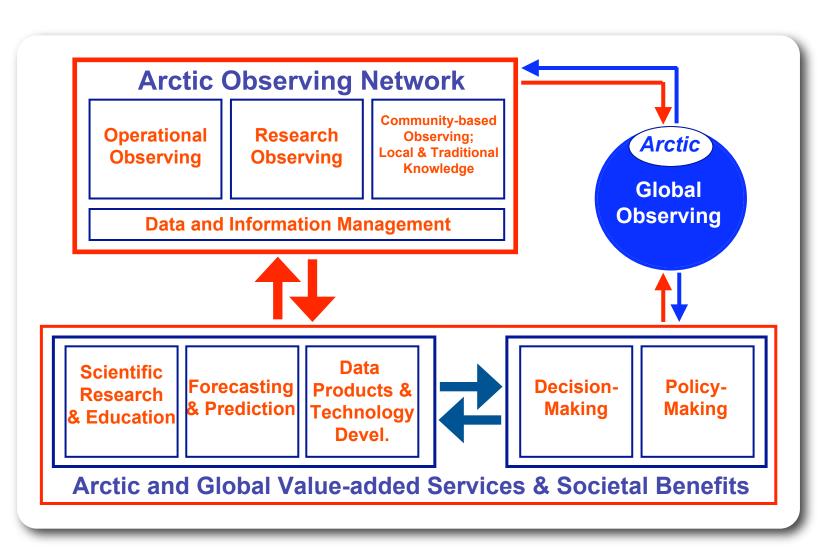
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\*IARPC: Inter-Agency Arctic Research Policy Committee. \*\*SEARCH: Study of Environmental Arctic Change.

# International Polar Year 2007-2009 National

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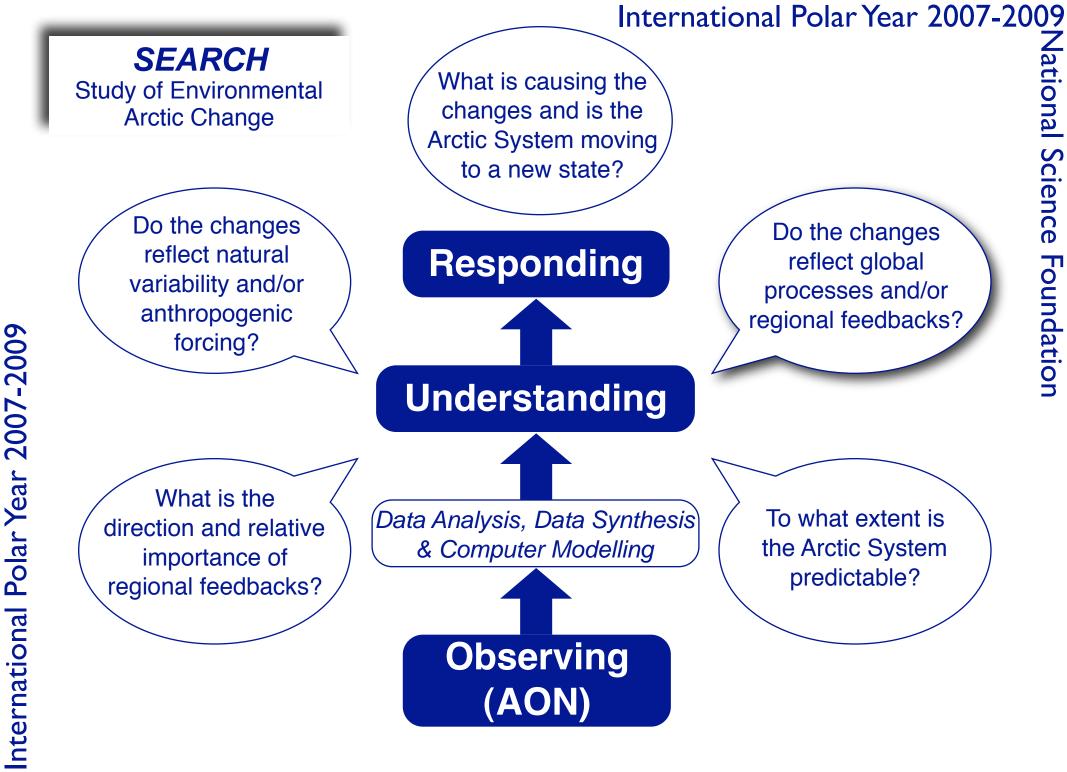
Foundation



**A Conceptual Framework for the** 

Arctic Observing Network (AON) (and a pan-Arctic, multi-nation Arctic observing network)

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SEARCH: http://www.arcus.org/search/index.php

## **NSF & AON**

- **1.** 30+ projects covering almost all SEARCH categories.
  - Atmosphere 
    Ocean and Ice 
    Hydrology and Cryosphere
  - Terrestrial Ecosystems Human Dimensions Data and Information.
- **2.** First AON PI meeting: Boulder, CO, March 2007.
  - Begin coordination/integration Cyberinfrastructure discussions.

### **3.** First IPY year completed.

- New observations begun, "old" observations continued.
- Cyberinfrastructure progress: \*CADIS data and information management.

### 4. Second AON PI meeting: Palisades, NY, 17-20 March 2008.

- Part of the "Arctic Observation Integration Workshop".
- What are the implications of the events of summer 2007 for Arctic observing?
- AON Status and progress reports Coordination and integration Future directions.
- SEARCH for DAMOCLES (S4D) Lagrangian drifters.
- Report late April/early May.

#### 5. AON Solicitation in ~mid-2008 for awards to be made in early 2009.