





**WELCOME
TO THE**

**U.S. ARCTIC OBSERVING
COORDINATION WORKSHOP**



Organized by the Arctic Research Consortium of the U.S.

How Many Times Have You Heard???

- We need better coordination and collaboration
- We need to share data across disciplines

Let's Go Beyond

- Develop specific and concrete ways forward that produce useful products for both scientists and those charged with making decisions in the Arctic



Overall Goal of the Workshop

Coordinate U.S.
Activities to Observe
and Monitor the Arctic



Strategy and Organization

- AON focus is OBSERVATIONS – long term and pan-arctic
- Study of Arctic Environmental Change (SEARCH) focus is understanding the changes
- Responding to change is the synthesis of observations and understanding to provide information to Arctic stakeholders, policy and decision makers, and the public to help understand those changes and adapt to a changing ecosystem and society

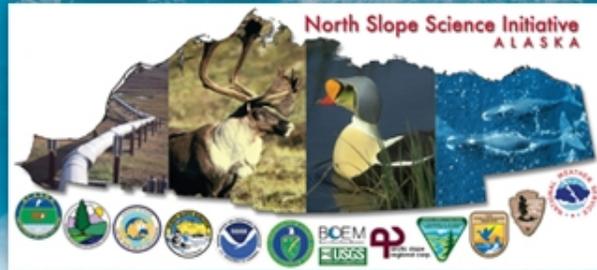
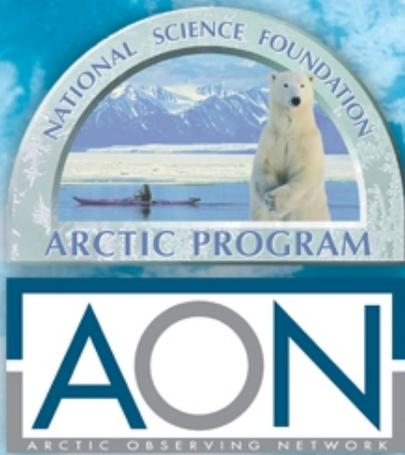
What We Want from this Workshop:

- Develop a shared vision of a successful Arctic Observing Network
- Identify the need to accomplish the vision
- Target specific tasks and timelines for needed activities
- Identify opportunities to “showcase” projects for observing activities; recommend short-term implementation; and, identify task leads from both the scientific community and stakeholders

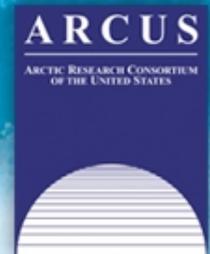
What to Expect

- Plenary Background
- Introduction and Charge to Breakout Groups
- Specific Breakout on Data Issues (Wednesday)
- Report and Recommendations

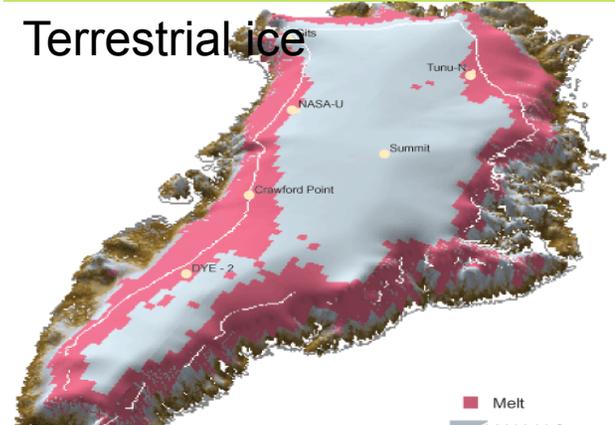
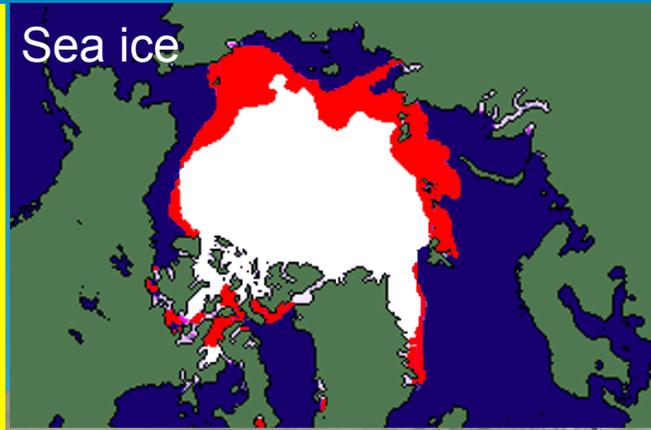
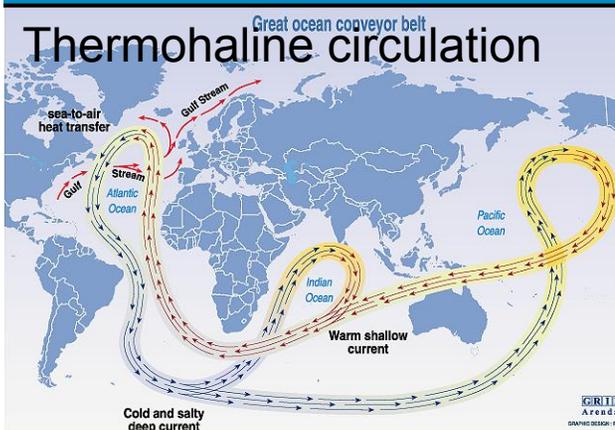
SPONSORED BY:



ORGANIZED BY ARCUS:

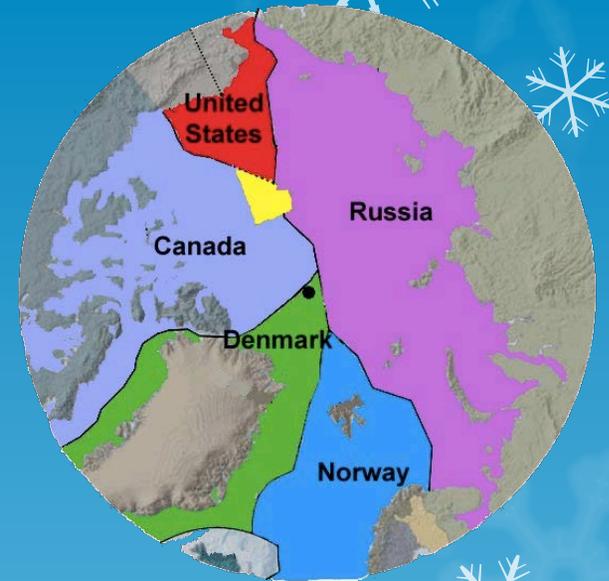
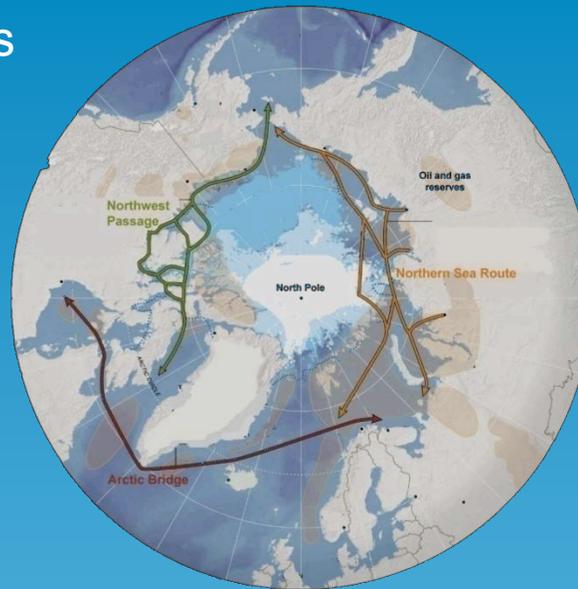


The Arctic is changing



People are being impacted – now

- Polar bear threatened species
- Coastal erosion
- A flag at the pole
- Tourism
- Resource exploration
- Coast Guard activities
- Marine transport
- Law of the sea
- Ice – free Arctic Ocean



The Columbus Dispatch
dispatch.com

Continental Airlines

ROSAATI 777-606

HOME NEWS LOCAL ELECTIONS OPINION OSU SPORTS MORE SPORTS BUSINESS

METRO / STATE US / WORLD OBITUARIES POLITICS INSIGHT SCIENCE FAITH & VALUES

Coast Guard girds for world's descent on thawing Arctic

Tuesday, August 26, 2008 3:09 AM

BY RACHEL D'ORO
Associated Press

BARROW, Alaska -- Rapidly melting ice on Alaska's Arctic is opening up a new navigable ocean in the extreme north, allowing oil tankers, fishing vessels and even cruise ships to venture into a realm once trod mostly by indigenous hunters.

The Coast Guard expects so much traffic that it opened two temporary stations on the nation's northernmost waters, anticipating the day when an ocean the size of the contiguous

AL GRILLO | ASSOCIATED P

The New York Times

Europe

WORLD U.S. N.Y. / REGION BUSINESS TECHNOLOGY SCIENCE HEALTH SPORTS OPINION

AFRICA AMERICAS ASIA PACIFIC EUROPE MIDDLE EAST

Russians Plant Flag on the Arctic Seabed



From left, RTR Channel via Associated Press; Reuters Television; Yakov Khalip. At left, one of two Russian submarines was lowered into the Arctic Ocean on Thursday. Television showed the two Russian submarines on the seabed to plant the flag, center. The ships were more than two miles under the Arctic ice cap. At right, a polar bear sits on a piece of ice near the coast in 2004 near the site of a research station that had been here.

The New York Times

Science

NYTimes.com > Science > Environment

Under All That Ice, Maybe Oil



There are consequences today

Arctic Observing Coordination Workshop



There is a need now

