

# CONGRESSIONAL SCIENCE BRIEFING

ON

## “Observing, Understanding, and Responding to Arctic Change”

**Tuesday, 22 May 2007**

12:30–2:00 p.m.

U.S. Senate Committee on Commerce, Science & Transportation Hearing Room  
253 Russell Senate Office Building  
Washington, D.C.

~ All Members of Congress and Congressional Staffers Welcome ~

With widespread attention currently on the issue of arctic environmental change, this briefing will assist Congress in putting recent research findings and press headlines in perspective. Leading arctic scientists will describe the observed changes that are ongoing in the Arctic, as well as scientific advances that help us understand and respond to those changes. The briefing will include discussion of practical challenges, opportunities, and policy implications associated with climate change, including coastal erosion, infrastructure damage, and social issues such as transportation and subsistence.

### **PRESENTERS**

#### **Dr. Donald Perovich (Moderator)**

Research Geophysicist, U.S. Army Cold Regions Research and Engineering Laboratory, New Hampshire  
~ sea ice ~

#### **Dr. Mark Serreze**

Senior Research Scientist, National Snow and Ice Data Center, Colorado  
~ arctic climate change ~

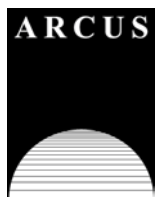
#### **Dr. Andrea Lloyd**

Associate Professor, Department of Biology, Middlebury College, Vermont  
~ terrestrial ecology ~

#### **Dr. Maribeth Murray**

Director, Human Dimensions of the Arctic System, University of Alaska Fairbanks  
~ human dimensions ~

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