Tentative Program

Thursday, 16 May 2002

8:00 a.m.  Continental Breakfast

8:30 a.m.  Welcome and Introductions  Arctic Forum Co-Chair: Sue Moore  National Marine Mammal Laboratory, NOAA

BIOCOMPLEXITY IN THE ARCTIC

8:40 a.m.  The Arctic as a Biocomplex System  Rita Colwell  Director, National Science Foundation

9:30 a.m.  Perspectives from the Arctic  Orville Huntington  Department of Subsistence  U.S. Fish and Wildlife Service  Commissioner, Alaska Native Science Commission

10:00 a.m.  BREAK

10:20 a.m.  Biocomplexity in the Arctic: the Bowhead Whale Nexus  Sue Moore  National Marine Mammal Laboratory  National Oceanic and Atmospheric Administration

10:50 a.m.  Climate and Subsistence Hunting: The Sustainability of Arctic Communities  Craig Nicolson  Department of Natural Resources Conservation  University of Massachusetts

11:20 a.m.  Arctic People in Complex Adaptive Systems: The Case of Climate Change  Fikret Berkes  Natural Resources Institute  University of Manitoba

11:50 p.m.  LUNCH
**Arctic Forum, Thursday, 16 May 2002, continued**

1:30 p.m. Biocomplexity of Marine and Terrestrial Environments and Human Populations in Iceland
Astrid Ogilvie
Institute of Arctic & Alpine Research
University of Colorado at Boulder

1:55 p.m. The Arctic Nearshore Environment: A System Defined by Complex Hydrological and Biogeochemical Linkages and Feedbacks
Ken Dunton
Marine Science Institute
University of Texas at Austin

2:20 p.m. Interactions between Hydrological and Biotic Process in the Arctic Landscape
Joshua Schimel
Department of Ecology, Evolution, and Marine Biology
University of California Santa Barbara

2:45 p.m. Biocomplexity in the Arctic: summary and discussion
Arctic Forum Co-Chair: Wieslaw Maslowski
Department of Oceanography
Naval Postgraduate School

3:00 p.m. BREAK

3:20 p.m. **The ARCUS Award For Arctic Research Excellence**
Session Chair: Mark C. Serreze
Cooperative Institute for Research in Environmental Sciences
National Snow and Ice Data Center
University of Colorado

3:30 p.m. Interdisciplinary Research: *Paleogenetic assessment of human migration and population replacement in North American arctic prehistory*
M. Geoffrey Hayes
Department of Anthropology
University of Utah

3:50 p.m. Social Sciences: *Adaptations of Euro-Canadian schools to Inuit culture in selected communities in Nunavut*
Paul Berger
Faculty of Education
Lakehead University, Canada

4:10 p.m. Physical Sciences: *Rapid Wastage of Alaska Glaciers and their Contribution to Rising Sea Level*
Anthony Arendt
Geophysical Institute
University of Alaska Fairbanks

4:30 p.m. Life Sciences: *Are goose nesting success and lemming cycles linked? Interplay between nest density and predators*
Joël Béty
Biologie (Centre d’Études Nordiques)
Université Laval, Canada

4:50 p.m. Comments on the Award for Arctic Research Excellence
Mark Serreze

5:00 p.m. Science Education: An NSF Priority
Robert Wharton, Jr.
Executive Officer, Office of Polar Programs
National Science Foundation
5:15 p.m.  Poster Session: Presenting Arctic Science  Session Chair: Henry Huntington  
Gallery II (Hosted Bar and Reception begin)  

Introduction of new publication—*The Earth is Faster Now: Indigenous Observations of Arctic Environmental Change*  
Igor Krupnik  
Arctic Studies Center  
Smithsonian Institution  

Dyanna Jolly  
Centre for Maori and Indigenous Planning and Development  
Lincoln University  

ARCUS Annual Reception and Banquet  

Reception: 5:15 p.m. – Gallery II  
Banquet: 7:00 p.m. – Gallery I  

Award Ceremony  
ARCUS Award for Arctic Research Excellence  

Special Presentation  

VINLAND 1000  
-Trond Woxen-  

In his guise as "Trond the Skáld," master story-teller Trond Woxen brings the latest and most up-to-date information on the Vikings and the new world to you in his historically accurate yet humorous one-man show telling the story of Leif Eriksson and his family.  

THE ARCTIC FORUM 2002
16-17 May 2002
Room: Gallery III

Fourteenth Annual Meeting of ARCUS
15-17 May 2002
Arlington Hilton Hotel
Arlington, Virginia

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8:00 a.m. Continental Breakfast
8:30 a.m. Welcome and Introductions Arctic Forum Co-Chair: Wieslaw Maslowski Naval Postgraduate School
8:40 a.m. Biocomplexity of Frost Boil Ecosystem on the Arctic Slope, Alaska Donald (Skip) Walker Institute of Arctic Biology University of Alaska Fairbanks
9:05 a.m. Using Permafrost DNA to Examine the Effects of Environmental Change Alan Cooper Department of Zoology Oxford University
9:30 a.m. The North Water Polynya: an Arctic Ecosystem Poised for Change Jody Deming School of Oceanography University of Washington
9:55 a.m. Quantifying Pan-Arctic Environmental Change James E. Overland Pacific Marine Environmental Laboratory National Oceanic and Atmospheric Administration
10:20 a.m. Defining Biocomplexity in the Arctic: closing comments Sue Moore, Co-Chair
10:35 a.m. BREAK

AGENCY BRIEFINGS: OPPORTUNITIES IN ARCTIC RESEARCH
11:00 a.m. The Study of Environmental Arctic Change (SEARCH): Progress and Plans John Calder Director, Arctic Research Office National Oceanic and Atmospheric Administration
11:25 a.m. ONR High Latitude Dynamics Research Program Dennis Conlon Office of Naval Research
11:45 a.m. Adjourn Arctic Forum
11:45 a.m. LUNCH