

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

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 Bêty
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.

Trond Woxen: Actor-Writer and Artistic Director of the Scandinavian Theater Company in Los Angeles. International lecturer and master storyteller. Honorary cultural representative of the Royal Norwegian Consulate General in Los Angeles.

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

Tentative Program

Friday, 17 May 2002

- 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