

2000 Annual Meeting and Arctic Forum

THE ARCTIC FORUM

Wednesday, 17 May 2000

- 8:00 a.m. **Continental Breakfast**
- Session I** **ENVIRONMENTAL CHANGES IN THE ARCTIC AND THEIR INTERACTIONS WITH PEOPLE AND THE GLOBAL CLIMATE**
- 8:30 a.m. **Welcome and introduction**
- Arctic Forum Chair, Wieslaw Maslowski
Member, ARCUS Board of Directors
- 8:40 a.m. **Keynote Address: A new environmental initiative for NSF and advances in climate modeling of the Arctic**
- Warren M. Washington
National Science Board
- 9:30 a.m. **The Arctic Oscillation: implications for Arctic research**
- John (Mike) Wallace (presenting) and David W.J. Thompson
Department of Atmospheric Sciences, University of Washington
- 10:00 a.m. **Are recent Arctic climate variations consistent with greenhouse projections?**
- John Walsh
Department of Atmospheric Sciences, University of Illinois Urbana
- 10:30 a.m. **BREAK**
- 10:45 a.m. **The Arctic frontal zone as seen in the NCEP/NCAR Reanalysis**
- Mark Serreze
Cooperative Institute for Research in Environmental Sciences
National Snow and Ice Data Center, University of Colorado
- 11:15 a.m. **Why is the Arctic ice cover so thin?**
- Drew Rothrock
University of Washington
- 11:45 a.m. **Towards prediction of Arctic climate change**
- Wieslaw Maslowski
Department of Oceanography, Naval Postgraduate School
- 12:15 p.m. **LUNCH**
- 1:30 p.m. **Present and future oceanographic studies in the Canadian Arctic: change and biodiversity**
- Eddy Carmack
Institute of Ocean Sciences, Department of Fisheries and Oceans, Canada
- 2:00 p.m. **An update on the study of environmental Arctic change**
- James Morison
University of Washington

- 2:20 p.m. **Circulation of intermediate water in the Arctic Ocean based on transient tracer measurements**
- William M. Smethie, Jr. (presenting) and Peter Schlosser, *et al.*
Lamont-Doherty Earth Observatory, Columbia University
- 2:45 p.m. **Decadal variability of the Greenland Ice Sheet mass balance as a cause of the "Great Salinity Anomalies" in the northern North Atlantic**
- Igor Belkin
Graduate School of Oceanography, University of Rhode Island
- 3:10 p.m. **Millennial-scale global events recorded in El'gygytyn Crater Lake, Eastern Siberia back to 400 ka**
- Julie Brigham-Grette
Department of Geosciences, University of Massachusetts
- 3:35 p.m. **Distribution of d¹³C in sediment organic carbon, Arctic Amerasian continental Margin**
- Sathy Naidu
Institute of Marine Science, University of Alaska Fairbanks
- 4:00 p.m. **BREAK**
- Session II** **PRESENTATIONS OF STUDENT PAPERS BY WINNERS OF THE ARCUS AWARD FOR ARCTIC RESEARCH EXCELLENCE**
- 4:20 p.m. Mark Serreze, Session Chair
- 4:30 p.m. **Foraging strategies of subarctic wood bison: energy maximizing or time minimizing?**
- Carita M. Bergman
University of Guelph
- 4:50 p.m. **'If you got everything, its good enough': perspectives on successful aging in a Canadian Inuit community**
- Peter Collings
Pennsylvania State University
- 5:10 p.m. **Methane emissions and transport by arctic sedges in Alaska: results of a vegetation removal experiment**
- Jennifer Y. King
University of California-Irvine
- 5:30 p.m. **Magma storage and mixing conditions for the 1953-68 eruption of Southwest Trident volcano, Katmai National Park, Alaska**
- Michelle Coombs
University of Alaska Fairbanks
- 5:50 p.m. **Adjourn to Reception**