

**National Environmental
Research Institute,
University of Aarhus
Frederiksborgvej 399
4000 Roskilde
Denmark**

**Phone +45 4630 1200
Fax +45 4630 1911
dmu@dmu.dk
ipy.dmu.dk**



Arctic herbivores like the muskoxen are influenced by climate through the climate's effect on their plant forage.
Photo: Toke Thomas Høye

Organising committee

Eric Post, Mads C. Forchhammer, Jesper Madsen and Peter Aastrup,
National Environmental Research Institute,
University of Aarhus
Morten Rasch, Danish Polar Center



The spring melt of snow and ice has advanced dramatically over the last decade. What happens with the arctic ecosystems after the melt?
Photo: Toke Thomas Høye

After the Melt

**An International Conference
on Ecological Responses
to Arctic Climate Change**

May 5-7, 2008

**Lakeside Lecture Theatre
Auditorium 2, Building 1253
University of Aarhus
Århus, Denmark**

National Environmental Research Institute
University of Aarhus, Denmark
in collaboration with the Danish Polar Center



The International Polar Year (IPY)

With the advent of the International Polar Year 2007-08, commemorating and highlighting research and exploration in the Arctic, we invite you to attend an international conference at the University of Aarhus, Denmark, calling attention to the rapid and dramatic ecological consequences of climate change in the Arctic.

Over the last decades, observational records have confirmed that the Arctic displays the most dramatic climatic changes. The recent focus on the Arctic generated by IPY offers an unparalleled opportunity to advance public awareness of and appreciation for arctic ecology and its inherent vulnerability to climate change.

In contrast to previous conferences on arctic change, After the Melt will present a broad synthesis of biological responses to environmental change, from individual plants and animals over ecosystem dynamics to the processes of carbon cycling.



A migrating snow bunting has arrived at its arctic breeding grounds. Is it too early or is it too late?
Photo: Eric Post

The Welcome Reception Celebrates a Decade of Arctic Ecosystem Research

The conference will open with an ice-breaker the evening of May 5th celebrating the release of a book on the long-term ecosystem research carried out at Zackenberg.

This book focuses on the physical and biological elements and their interactions, emphasizing the strength of Zackenberg Ecological Research Operations as the most integrated and comprehensive long term ecological monitoring and research programme presently operating in the Arctic.



The flowering of high arctic plants occurs 3 weeks earlier today than 10 years ago.
Photo: Toke Thomas Høye

Conference Schedule

**May 5th: 6-8 pm
Welcome Reception**

**May 6th: 9am-5pm
Oral presentations and
poster session**

**May 7th: 9am-5pm
Oral presentations and
Panel Discussions**

List of invited speakers

Sydonia Bret-Harte (USA)
Terry Callaghan (UK/Sweden)
Bo Elberling (Denmark)
Olivier Gilg (France)
David S. Hik (Canada)
Rolf A. Ims (Norway)
David R. Klein (USA)
David McGuire (USA)
Walter Oechel (USA)
Søren Rysgaard (Greenland)
Daniel Schindler (USA)
Ian Stirling (Canada)
Nicholas Tyler (UK/Norway)
Rene van der Wal (UK)
Jeffrey Welker (USA)
Philip Wookey (UK)