



Swedish Arctic Research

A seminar in connection with the meeting for observers organized
by the Swedish chairmanship of the Arctic Council

Stockholm 6 November 2012

HOST

Swedish Polar Research Secretariat

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VENUE

The Royal Swedish Academy of Fine Arts (Kungl. Akademien för de fria konsterna)
Fredsgatan 12, Stockholm

PROGRAMME

- 09.45 **Registration**
- 10.00 **Swedish Arctic research**
Björn Dahlbäck & Magnus Tannerfeldt, Swedish Polar Research Secretariat
- 10.15 **Mapping and seabed claims in the Arctic Ocean**
Martin Jakobsson, Stockholm University
- 10.30 **Air pollution, black carbon and climate impact**
Hans-Christen Hansson, Stockholm University
- 10.45 **Mistra Arctic Futures: research on values and direction**
Kristofer Bergh SIPRI; Scott Cole, EnviroEconomics Sweden; Carina Keskitalo,
Umeå University; Dieter K Müller, Umeå University; Peder Roberts, Royal
Institute of Technology
- Challenges
- Historic development and construction
- Emerging patterns
- Response
- Research on values and directions
- 11.25 **Genetics and history: fate and future of the mammoth steppe fauna**
Love Dalén, Swedish Museum of Natural History



- 11.40 **Arctic change and circum-Arctic infrastructure collaborations**
Margareta Johansson, INTERACT, Lund University
- 11.55 **Ecology of the tundra and impacts of climate change**
Bodil Elmhagen, Stockholm University
- 12.10 **Arctic clouds: links to weather and climate**
Michael Tjernström, Stockholm University
- 12.25 **Final words**
- 12.30 **Lunch**