

Nuuk Climate Days August 25-27, 2009

“Changes of the Greenland Cryosphere” and “FreshNor” international workshops

Joint opening day program – Katuaq, August 25 – open for the general public

Opening ceremony

- 0900 Welcome - Greenland Government *Kuupik Kleist, Premier of Greenland*
Welcome - Danish Government *Thorkild Meedom, Dept. Head, Ministry of Science, Technology and Innovation, Denmark*
Welcome from the organizers *DTU-Space, DMI / NordForsk, Greenland Nature Institute, Greenland Survey*

Keynote address

- 0915 Greenland research: Key to global climate change research *Karl Erb, Director, Office of Polar Programs, National Science Foundation, USA*
- 0945 Climate change impact on traditional hunting *Lars Jeremiassen and Hans Jensen, Qaanaaq*

1015 *Coffee Break*

- 1040 Climate change and natural resources *Prof. S. Rysgaard, Greenland Climate Research Centre*
- 1100 Climate changes and consequences for the Greenland society *Michael Petersen and Klaus Georg Hansen, Ministry of Housing, Infrastructure and Traffic, Government of Greenland*
- 1130 State and future projections of Arctic sea ice *Prof. W. Maslowski, Naval Postgraduate School, USA*
- 1150 Satellite monitoring of climate change impact on ice-covered regions *Mark Drinkwater, Head of Oceans and Ice Unit, European Space Agency*

1210 *Lunch break*

- 1310 Greenland ice sheet and dynamic response to global warming *Prof. Koni Steffen, Coop. Inst. for Research in Environmental Sciences, Univ. of Colorado, USA*
- 1330 New techniques for observing the Arctic Ocean circulation and its freshwater budget *Prof. R. Dickson, Centre for Environment, Fisheries and Aquaculture, UK*
- 1350 Past climate, ice core research *Prof. Dorthe Dahl Jensen, Univ. of Copenhagen*
- 1410 Climate effects on oil, gas, mining *Jørn Skov Nielsen, Director, Bureau of Minerals and Petroleum, Government of Greenland*

1430 *Coffee break*

- 1455 Technological challenges of climate change *Niels Axel Nielsen, Dean of Research, DTU*
- 1515 State and fate of permafrost in the northern hemisphere *Prof. V. Romanovsky, University of Alaska, Fairbanks*
- 1535 Maritime safety in the Arctic – factors, capabilities - new challenges *Jan Bøgsted, Kommandørkaptajn, Greenland Command, Kangilinnnguit*
- 1555 Greenland Survey, Asiaq, - a potential partner in climate change investigations *Keld Hornbech Svendsen, Director, Asiaq*
- 1615 Polar environmental change: Graduate education for tomorrows leaders *Prof. Ross Virginia, Environmental Studies, Dartmouth College, USA*

1630 *Discussion and conclusions*