



The External Science Advisory Group

The Bolin Centre external science advisory group (ESAG) is comprised of leading national and international scientists within climate research. The members help the Bolin Centre to see its strengths, weaknesses and possibilities for development as well as increase the Bolin Centre's contacts to international networks and research groups within the climate research area.

The group has several new members and we welcome them to the Bolin Centre with interesting talks and discussions in a science forum preceding the Bolin Days 19-20 November.

November 18, 2014

De Geer room, Geoscience building, Stockholm University

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|-------------|---|
| 13:00–13:15 | Presentation of the Bolin Centre
Bolin Centre Directors Alasdair Skelton & Leonard Barrie |
| 13:15–13:40 | Hot Spots in Glacier Research
Professor Johannes Oerlemans, Chair
<i>Institute for Marine and Atmospheric Research Utrecht (IMAU), Utrecht University, Netherlands</i> |
| 13:40–14:05 | Abrupt changes in the ocean and the Greenland Ice Sheet
Changes driven by past and future changes in sea ice cover and ocean stratification
The approach of the ERC Synergy Grant project Ice2Ice
Professor Eystein Jansen
<i>Bjerknes Centre for Climate Research, University of Bergen, Norway</i> |
| 14:05–14:30 | Exchange of heat and mass between high latitude ecosystems and the atmosphere
Professor Anders Lindroth
<i>Centre for Studies of Carbon Cycle and Climate Interactions (LUCCI), Lund University, Sweden</i> |
| 14:30–14:50 | Fika |
| 14:50–15:15 | Identifying the sources of anthropogenic climate change using global models
Associate Professor Natalie M Mahowald
<i>Dept. Earth and Atmospheric Sciences, Cornell University, USA</i> |
| 15:15–15:40 | The growing peril of climate engineering
Professor Raymond Pierrehumbert
<i>Meteorology and Geosciences, University of Chicago, USA</i>
<i>King Carl XVI Gustaf's Professorship in Environmental Science 2014/2015 Stockholm University.</i> |
| 15:40–16:00 | Discussion |

Oceanography professor Susan Lozier from Earth and Ocean Science, Nicholas School, Duke University, USA, can unfortunately not attend