



Polar Ice – Processes and Impacts

British Antarctic Survey (BAS), Cambridge, CB3 0ET
Wednesday, 21 March 2012, 1pm

These talks will look at the interactions between polar ice and snow and the atmosphere. Topics covered will include: modeling the atmosphere over ice, chemical transfer between the atmosphere and snow, what ice cores can tell us about past climate and the effects that sea ice can have on the atmosphere.

Meeting Organisers: Steve Colwell FRMetS / Prof. Liz Morris, OBE

Chair: Prof. Liz Morris, OBE

13.00	<i>Meteorological modelling in polar regions</i>	Prof. Nicole van Lipzig (University of Leuven, Belgium)
13.30	<i>Chemical transfer between the atmosphere and snow</i>	Dr Anna Jones (British Antarctic Survey)
14.00	<i>Sea ice - atmosphere interactions in the Antarctic</i>	Prof. John Turner (British Antarctic Survey)
14.30	<i>Tea and tours of cold room and meteorology laboratory</i>	
15.00	<i>Modelling of sea ice changes in global climate models for a warming climate change scenario; what connection do these models have with reality and what happens in a geo-engineered world?</i>	Dr Alan Gadian (University of Leeds)
15.30	<i>Modelling seasonal snow in the Arctic</i>	Prof. Robert Gurney OBE (Environmental Systems Science Centre)
16.00	<i>Further tours of cold room and meteorology laboratory</i>	
17.00	<i>Close</i>	

NOTE: Lunch is available to purchase at BAS staff canteen from 12.00 midday

REGISTRATION IS REQUIRED - There is a limit of 80 registrations for this meeting. Please e-mail marcia.spencer@rmets.org to register or book online at www.rmets.org by the **19 March 2012**.

Non members are welcome to attend these meetings. Where seating capacity is limited, priority will be given to members.

Maps and information concerning all meetings and memberships is also available from The Royal Meteorological Society, 104 Oxford Road, Reading RG1 7LL / www.rmets.org or +44(0)118 9568500

Date of Next Meeting:

Wednesday 18th April 2012 – National Meeting held jointly with NCAS and The Royal Society of Chemistry:
Chemical meteorology spanning weather and atmospheric composition.
 Imperial College London, Lecture Room 342, SW7 2BW

