

SCAR AntClim21 Scientific Research Programme

## **Workshop on Quantification of Antarctic climate variability**

Castine, Maine 22-24 September 2013

Outline agenda

### **Sunday AM**

Introductions - All

The SCAR Antclim21 programme and goals of the workshop. Outcomes expected. – Nancy

Factors influencing Antarctic climate variability and its role in projections – Tom Bracegirdle. An introduction covering internal variability, the role of the ocean, solar variability, volcanoes, tropical teleconnections. This will set the scene for the more detailed sessions to follow.

Modes of variability and tropical teleconnections – David Schneider/Ian. SAM, ENSO etc

Stratospheric influences – Paul K.

### **Sunday PM**

The ocean – Joellen/Matt.

Sea ice – John Turner

The ice sheet – Isabella.

### **Monday AM**

Regional change – JT/Paul M/Ian/David. The Amundsen Sea Low, the Peninsula warming, West Antarctic change.

Separation of natural and anthropogenic signals – Paul M/Tom B/John T/Nancy

Short summaries from the rapporteurs.

Outline of report

### **Monday PM – tour**

### **Tuesday AM**

Further discussion and finalize report.

## **Attendees**

John Turner, British Antarctic Survey  
Tom Bracegirdle, British Antarctic Survey  
Paul Mayewski, University of Maine  
Jung-Ho Kang, KOPRI, Korea  
Nancy Bertler, University of Wellington  
Ian Goodwin, Macquarie University  
Joellen Russel, University of Arizona  
Alia Khan, APECS rep  
Isabella Velicogna, University of California Irvine  
Matt England, University of New South Wales  
Paul Kushner, University of Toronto  
David Schneider, NCAR  
Two or three others from the University of Maine