

INTERNATIONAL COMMISSION ON POLAR METEOROLOGY

MINUTES OF THE MEETING HELD AT IAMAS, INNSBRUCK,

13 JULY 2001

ATTENDEES

J. Turner (UK, President), M. van den Broeke (The Netherlands), J. C. King (UK), G. Heinemann (Germany), V. Lagun (Russia), I. Petenko (Russia), J. Thom (USA, representing Prof. Stearns), J. Naithani (Belgium), Dr Baklanov (Denmark)

APOLOGIES FOR ABSENCE

A. Carleton (USA, Secretary), D. Bromwich (USA), S. Warren (USA), M. Pook (Australia), I. Simmonds (Australia), A. Lynch (USA), J. Ukita (Japan)

REPORT BY THE PRESIDENT

J. Turner gave a brief outline of the IUGG/IAMAS/Commissions structure for new members and visitors. He reported on the previous evening's Executive Committee meeting and briefly described the presentation by China to hold the 2005 IAMAS Assembly. He then described a number of ICPM initiatives including:

The International Antarctic Weather Forecasting Handbook, which has been prepared in association with WMO, COMNAP and SCAR. Copies can be downloaded from <http://www.nerc-bas.ac.uk/public/icd/jtu/ftpinst.html>.

The status of the ICPM Web site (<http://www.nerc-bas.ac.uk/public/icd/icpm/>) which now contains links to research groups involved with polar meteorology and sites containing polar data.

The SCAR READER project, which aims to produce an improved data set of surface and upper air, monthly mean statistics for use in climate variability and change studies. See <http://www.antarctica.ac.uk/met/READER/>.

MEMBERSHIP

V. Lagun (Russia), P. Pettré (France) and M. van den Broeke (The Netherlands) were elected unanimously to the Commission.

Members were requested to suggest further scientists with an interest in polar meteorology, who might want to join the Commission.

FUTURE ICPM MEETINGS

Following a discussion, it was agreed to put forward proposals for two symposia at IUGG, Sapporo:

The Role of Atmospheric Processes in Mass Balance Exchange in the Polar Regions. With IAHS/ICSI (International Commission on Snow and Ice). Co-convenors Dr Richard Bintanja (Univ. of Utrecht), Dr Michiel van den Broeke (Univ. of Utrecht), and Prof Kouichi Nishimura (Inst. of Low Temperature Science, Univ. of Hokkaido). [Following the meeting Prof. E. M. Morris, the President of ICSI also agreed to act as a convenor]. About 30-40 people and 1 day duration. The symposium would cover both observational and modelling aspects of blowing snow, precipitation and sublimation at high latitudes.

Modelling the Climate of the Polar Regions. With ICC. IAPSO and IAHS could be involved via ocean and sea ice modelling. To cover GCMs and regional climate models, ice sheet modelling, paleoclimate models and deal with the modelling of high latitude processes, representation of the current climate, as well as future climate scenarios. Possible convenor Dr S O'Farrell (CSIRO, Australia). About 50 people and 2 days duration.

The Commission were also keen for there to be some opportunity within one of the symposia to present results from studies based on the new re-analysis data sets, such as the 40 year ECMWF Re-analysis (ERA-40), which will be coming through over the next two years. Such a symposium could be very broad since these data are used in so many areas of science, but this could allow other Associations to be involved.

A carry over of possible symposia for future meetings is presented in Annex A.

ANY OTHER BUSINESS

No other items were raised.

Annex A

Possible Symposia for Future Meetings
High latitude atmosphere-ocean-ice interactions

Synoptic-scale weather systems at high latitudes

Climatological and chemical signals in ice cores

Polar clouds (and precipitation?)