

The SCAR READER Project

Agenda for the Third Planning Meeting

Location – Arctic and Antarctic Research Institute, St Petersburg, Russia

9 – 11 February 2004

Monday 9 February

AM (09:00 – 12:30)

Alexander Danilov – Welcoming from the AARI Directorate. 15 min.

Victor Lagun – Welcoming remarks, workshop schedule and local arrangements. 10 min.

John Turner – SCAR Science in to the Twenty First Century. 20 min.

John Turner – Introduction to the SCAR READER Project. History of the Project and current status. Including project goals, timetable and publications. 20 min.

Steve Colwell – Surface data in the READER data base. Quality control. Current holdings. Web access. 30 min.

Coffee (10:30 – 11:00)

Victor Lagun and Nadezhda Kazakova – Russian Antarctic metadata development. 20 min.

Victor Lagun - Antarctic meteorological data holdings at AARI. 15 min.

John Turner – Trends in the surface data. 30 min.

Nikolay Ivanov and Victor Lagun – Statistical analysis of Western Antarctica surface wind data. 20 min.

John Turner – Plans for the afternoon working sessions.

Lunch (12:30 – 14:00)

Svetlana Iagovkina – Progress with digitisation of the Russian upper air data. Timetable. 15 min.

PM – working sessions

- Digitisation and quality control of the Russian data (VL and SC)
- Metadata – e.g. changes of sonde type, radiation corrections
- Comparison of Arctic and Antarctic trends

Coffee

Tuesday 10 February

AM (09:00 – 12:30)

Discussion of the previous afternoon's results.

Oleg Aldukhov – Comprehensive quality control of upper air data. 30 min.

Steve Colwell – Upper air data in the READER data base and quality control. Current holdings. 15 min.

Steve Colwell – Initial assessment of trends in the upper air data. 15 min.

Irina Chernykh – Climate variability of cloudy layers parameters in Antarctica. 20 min.

Coffee (10:30 – 11:00)

Alexander Danilov and Alexander Klepikov – Antarctic investigations within Russian Federal Sub-programme “Study and research of the Antarctic”. 20 min.

Vasily Smolianitsky Southern Polar area sea ice data base. Structure, access, climate variability estimates. 20 min.

Alexey Ekaykin and Vladimir Lipenkov Climate variability in Central Antarctica (Vostok Station) over the past 200 years from snow pit studies and meteorological data. 20 min.

Valentina Maystrova, Irina Bolshakova and Olga Zhukova - Interannual variability of free atmosphere parameters in the South Polar Region for 1959-2003. 20 min

John Turner – Plans for the second afternoon working session. 10 min.

Lunch (12:30 – 14:00)

PM (14:00 – 17:00)

Oleg Troshichev - Influence of the disturbing solar wind on atmospheric processes in the Central Antarctic. 20 min.

PM - working sessions

- Trends in the upper air data. Additional statistical analysis required. (JT, SI and AC)
- Structure of a J Climate paper on the upper air data and other publications (JT and VL)
- Consideration of additional data sources that should be approached (SC and VL)
- Extension of the READER Project to the Arctic and ice cores
- The Fairbanks workshop on high latitude climate change

Coffee

Wednesday 11 February

AM (09:00 – 12:30)

Andrew Carleton – Southern Ocean/Antarctic teleconnections 30 min.

Genrikh Alekseev – Arctic Climate Variability. 30 min.

John Turner – The role of the Southern Annular Mode (SAM) in modulating the Antarctic climate 30 min

Discussion of the previous afternoon's results.

Steve Colwell – Plans for acquiring further data.

John Turner – Preparations for SCAR, Bremen, July 2004. READER session in Bremen. Possible extension of the project to be put to the Executive. Funds to request. Should we have an Arctic project via CliC.

Workshop on high lat climate change in Fairbanks, December 2004.

Coffee (10:30 – 11:00)

John Turner – Future plans. Publications. Timetable.

John Turner – Related activities. The WMO Climate and Cryosphere (CliC) project on the three areas of major warming at high latitude.

All – Agreement on plan for the rest of the project.

End of the meeting.

Participants

BAS – John Turner (JT), Steve Colwell (SC)

Penn State University, USA – Andrew Carleton (AC)

Arctic and Antarctic Research Institute, St Petersburg – Victor Lagun (VL) and Svetlana Iagovkina (SI)