

SCAR STANDING SCIENTIFIC GROUP - Geosciences (SSG-GS)

XXXI SCAR, 30 July - 2 August 2010,

Buenos Aires, Argentina

Draft Annotated Agenda

Morning session 1: 9:00-11:00

Morning coffee break: 11:00-11:30

Morning session 2: 11:30-13:00

Lunch break: 13:00-14:30

Afternoon session 1: 14:30-16:00

Afternoon coffee break: 16:00-16:30

Afternoon session 2: 16:30-18:00

SSG-GS, LS and PS Plenary Session – July 30 (9:00 -11:00)

1. **Welcome to the SCAR Business Meetings – Chuck Kennicutt, President** (10 mins)
2. **SCAR Presentation - Mike Sparrow, Executive Director** (30 mins)
Mike Sparrow will set the scene for the agenda items that all groups should consider; procedures (budgets, reporting, etc); general items of interest to all SSGs.
3. **SCAR's Data and Information Management Structure – Kim Finney** (20 mins)
Kim Finney will present developments with regards to SCAR's Data and Information Management System and other matters of relevance to the SSGs.
4. **SCAR and Climate Change – John Turner** (40 mins)
John Turner will give a presentation on climate issues. In particular he will summarise the SCAR groups with a focus on climate change This will serve as a basis for further discussions by the SSGs, e.g. how can SSGs feed into updates to ACCE that will be presented to the Treaty Meeting?; How can we improve cross-SSG interactions on this topic? Do we need a group (perhaps made up from the ACCE editorial board) that acts as an umbrella for SCAR climate issues?
5. **Southern Ocean Observing System (Doc xx)** (20 mins)
Mike Sparrow will report on the development of the SOOS.
Members are asked to note progress.

SSG-GS, LS and PS Joint Session – July 30 (11:30 – 13:00)

6. Scientific matters arising from the ATCM (Doc xx) (20 mins)

Steve Chown will report on ATCM XXXIII and XXXII.

Members will be asked to note SCAR's active role in ATCM matters, thanks to the effort of the CO ATM, S. Chown.

7. Cross-SSG Action Group on Code of Conduct for the Exploration and Research of Subglacial Aquatic Environments (AG-CCER-SAE) (Doc xx) (15 mins)

Chuck Kennicutt will present the Code of Conduct for the Exploration and Research of Subglacial Aquatic Environments

Members will be asked to adopt the report.

8. Proposed new Expert Group “Advancing TecHnological and ENvironmental stewardship for subglacial exploration in Antarctica (ATHENA)” (Doc xx) (15 mins)

Jemma Wadham and Peter Doran will present a proposal for a new cross-SSG Expert Group concerning subglacial exploration.

Members will be asked to discuss the proposal and decide whether it should be presented for Delegate approval.

9. Cross-SSG Action Group on King George Island) (Doc xx) (10 mins)

Sergio Marensi will report on progress.

Members will be asked to adopt the report.

10. Report on the SSG Cross Linkages meeting (15 mins)

Alessandro Capra will report on the 2009 SCAR Cross Linkages meeting.

Members will be asked to adopt the report

11. Cross-SSG Action Group on Prediction of Changes in the Physical and Biological Environments of the Antarctic (Doc xx) (15 mins)

Julian Gutt will give a presentation on progress with the Cross-SSG Action Group.

Members will be asked to adopt the report.

SSG-GS Session (July 30th afternoon, and Aug.2nd, all day)

JULY 30

14.30- 16:00

Welcome and Apologies (5 mins)

Alessandro Capra, Chair, SCAR Standing Scientific Group - GeoSciences (SSG-GS), will formally open the meeting and welcome all members, observers and alternative members.

Apologies will be noted.

Adoption of Agenda and timetable (Doc xx) (15 mins)

Members will be asked to propose additional agenda items and adopt the draft annotated agenda and the list of documents, suggesting additions and modifications where appropriate.

SCAR strategic Plan (Doc xx) (15 mins)

Implications for joint SSG groups and GS

Phil Obrien will report.

Georeach (10 mins)

Phil OBrien will report

WEBSITE plan for Antarctic geological images (10 mins)

Phil OBrien will report

Highlights of National Research Programmes (..... mins)

NATIONAL DELEGATES IN SSG-GS will be asked to present any matters of pressing interest that should be drawn to the attention of the group (5 minutes for each presentation).

coffee break 16-16,30

Recommendations (15 mins)

Alessandro Capra will review the recommendations submitted in 2008 in St. Petersburg, the response of the Delegates and the progress made during the intersessional period.

Members will be asked to judge which recommendations should stand and which should lapse.

Proposal of New Recommendations (15 mins)

Members will be asked to review these. Discussion and final approval should be done at the end of the second day on August 2.

AUGUST 2

9:00-11:00

Report from SCAGI (Doc.XX) (10 mins)

check with the group for the speaker

Progress report of the Scientific Programme Antarctic Climate Evolution (ACE), (Doc xx) (10 mins)

Carlota Escutia will present the progress report of ACE for 2008-2010.

Members will be asked to note progress.

Progress report of the Scientific Programme Subglacial Antarctic Lake Exploration (SALE), (Doc xx) (10 mins)

..... will present the progress report of SALE for 2008-2010.

Members will be asked to note progress.

Action Group on Seeps And Vents Antarctica (SAVANT) (Doc xx) (10 mins)

Phil OBrien will report on progress and goals

Members will be asked to adopt the report.

Expert Group on Sub-Ice Geological Exploration (SIeGE) (Doc xx) (10 mins)

Ross Powell will report on progress and goals

Members will be asked to adopt the report.

Expert Group on Antarctic Digital Magnetic Anomaly Project (ADMMap) (Doc xx) (10 mins)

Marta Ghidella will report on progress and goals

Members will be asked to adopt the report.

Expert Group on Permafrost and Periglacial Environments (EGAPPE) (Doc xx) (10 mins)

James Bockheim will report on progress and goals

Members will be asked to adopt the report.

Expert Group on Geospatial information-Geodesy (GIANT) (Doc xx) (10 mins)

Gary Johnston will report on progress and goals

Members will be asked to adopt the report.

Matters on Expert Group on International Bathymetric Chart of the Southern Ocean (IBCSO) (Doc xx) (10 mins)

CO will report on progress and matters

Members will be asked to adopt the report.

coffee-break 11:00-11:30

Joint PS-GS Action Group on Weather and Space Weather Forecast (WSWF) (Doc xx) (10 mins)

Giorgiana DeFranceschi will report on progress and goals

Members will be asked to adopt the report.

New Action and Expert Group proposal (Doc XX)

Advancing TechNological and ENvironmental stewardship for subglacial exploration in Antarctica (ATHENA)" (10 mins)

Peter Doran (Illinois) and Jemma Wadham (Bristol) will present the proposal.

Members will be asked to approve new EG.

**POLENET IPY - Solid Earth Response and Influences on Cryosphere Evolution (SERCE)
Progress report and PPG development 2010 - 2012 (Doc xx) (Aug 2nd) (10 mins)**

Terry Wilson will present the progress report of SERCE for 2008-2010.

Members will be asked to note progress.

lunch break 13:14:30

Future meetings of relevance to the SSG-GS (10 mins)

Members will be asked to announce any upcoming meetings of relevance to SSG-GS members.

REPORT ON ISAES XI, Edinburgh, July 2011. (10 mins)

Martin Siegert will report on Symposium organization.

Financial Requests - Integration (Doc xx) (10 mins)

Alessandro Capra will present a proposed budget for the SSG-GS for 2011-12 based on financial requests received during the meeting.

Members will be asked to approve the proposed budget, which will be presented to the Delegates for approval.

New Recommendations (15 mins)

Alessandro Capra will present the new recommendations for the Delegates.

Members will be asked to review these.

Approval of Report and Closure (15 mins)

Members will be asked to review and approve the SSG-GS minutes and Executive Summary and close the meeting.