

## **Action Group - King George Island Science Terms of Reference**

The Action Group on King George Science is:

(i) to develop a mechanism to convey to KGI scientists and operators the main themes of SCAR science, and to encourage them to work together in such a way that their activities contribute as much as possible to those themes, such that KGI activities form useful subsets of wider ranging SCAR programmes.

(ii) to identify suggestions for the science operators via COMNAP for some common goals that would enable them to make a contribution to ongoing SCAR programmes and activities.

(iii) to urge national SCAR representatives to broadcast widely the message that to the extent possible we need local (KGI) science to be devised in so as to make a significant contribution to SCAR science programmes.

(iv) to delineate ways in which different national groups on King George Island could share information about their research plans, so as to avoid unnecessary duplication of costly activities; this might include for example considering to what extent cooperation under the Admiralty Bay ASMA, and cooperation mechanisms on Svalbard could be used as models for KGI science.

(v) to prepare a working paper on the main scientific themes that could be addressed by coordinated scientific activities on KGI, in consultation with SCAR delegates, for presentation at the COMNAP meeting in Punta Arenas (June 2009), as the basis for a discussion with operators on how such coordination might be achieved, and by what means.

(vi) to complete the inventory of scientific activities and scientific results began by the initial KGI-AG, by XXXI SCAR, including determining what activities are currently being coordinated bilaterally or multilaterally.

(vii) to create a comprehensive interdisciplinary dataset of current and historic scientific observations of King George Island parameters, as the basis for an understanding of the meteorological and climatic variability on KGI and in the region.

(viii) to encourage use of the SCAR KGI Geographical Information System as a tool for analyzing the various shared data sets.

### AG Membership

1. S Marensi (Arg)(Chair)
2. V Lagun (Rus) Scientific and Technical Coordinator ([lagun@aari.nw.ru](mailto:lagun@aari.nw.ru))
3. SSG-GS rep (Smellie, John L <[jism@bas.ac.uk](mailto:jism@bas.ac.uk)>)
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5. SSG-LS rep (Dr. Doris Abele; AWI)
6. Scientist A from operator 1 (J. Carrasco; Chile)
7. Scientist B from operator 2 (A. Setzer; Brazil)
8. Scientist C from operator 3 (A. Tatur ; Poland)
9. Scientist D from operator 4 (K. Ki Youn; Korea)
10. COMNAP representatives - 2 (could be accomplished by members who also operate in the COMNAP world)