



SCAR Sub-Group

SG

Person

Responsible:

GeoMAP

GS

Simon Cox

SCAR Executive Committee Meeting 2019

Plovdiv, Bulgaria, 29-31 July 2019

GeoMAP Action Group **2018-19 Report**

GeoMAP action group is finalising the first version (v.201907) of a geological dataset to classify and describe the bedrock and surficial geology of Antarctica. Significant progress was achieved over the austral summer thanks to seed-funding of travel/accommodation scholarships for students from SCAR. GeoMAP depicts 'known geology' of rock exposures rather than 'interpreted' sub-ice features, and is aimed towards continent-wide perspectives and cross-discipline interrogation. We plan to hold a release workshop at the Antarctica Earth Sciences symposia (XIII ISAES) in Korea (July 2019). A 'beta-version' dataset will be provided to any interested people at, and after, the ISAES XIII meeting. It will then go through a review phase and be corrected for publication and formal release in 2020.

Optional additional information

Outreach, communication and capacity-building activities

We have trained three young researchers recently. In February-March 2019 GNS Science (New Zealand) hosted visits by two Italian students from University of Genoa (Nicola dal Seno and Luigi Lelli). They were taught how to use GeoSciML and supervised in checking of data attributes and capture of structural and fault-line data for the Antarctic Peninsula. Sam Elkind from Colorado College, USA) was tasked with capturing geology from southern Pensacola & Ellsworth Mntns area. The students will take these skills and use of the GeoMAP data back to the Italian Antarctic Programme and USARP, respectively.

Updates for your group's SCAR web page

GeoMAP hope to have our web-pages updated immediately following the ISAES meeting in July – perhaps providing some data from this site (to be discussed with SCAR).

Notable Papers

Notable papers and posters published in ISAES Abstract book.

Other information for publicity purposes

Press releases need to be written in association with the release of GeoMAP. GNS Science will arrange these, and liaise with SCAR.

Any other information or issues you would like to raise

We are very proud to report that GeoMAP v.201907 is finished!