

GEBCO ENGAGEMENT WITH INTERNATIONAL PROGRAMMES

Submitted by Secretary

SUMMARY

Executive Summary: This document provides details of International Programmes with which the GEBCO Project is currently involved and seeks to broaden this engagement.

Action to be taken: See paragraph 5

Related documents: GGC ToRs and RoPs dated 11 September 2015; GGC33/5/2/2

1. 1. The current Terms of Reference (ToR) and Rules of Procedure (RoP) for the Joint IHO-IOC GEBCO Guiding Committee include, in the goals, the GGC is to:
 4. Encourage and facilitate ocean mapping cooperation leading to the exchange and preservation of bathymetric data and associated metadata;
 5. Foster collaboration among individuals and organizations with established and developing expertise so as to assist local and regional mapping efforts to attain a global standard of quality;
 6. Identify oceanic areas that are insufficiently mapped and recommend to appropriate ocean-going organizations and institutions that such areas are surveyed;
 8. Bring together the ocean mapping community and users of bathymetry thereby leading to products that are more widely used.
2. The ToR also state, in articles, that the GGC shall:
 5. Stimulate the flow of data relevant to the GEBCO Project by actively identifying sources of new data and encouraging and promoting the release of data to appropriate data banks, with the objective of ensuring that maximum available data are provided to the IHO Data Centre for Digital Bathymetry (DCDB);
 11. Engage with regional mapping projects to encourage their compatibility with, and eventual inclusion in, GEBCO products; and
 14. Take all practical opportunities to advocate the scientific and societal benefits of mapping the seafloor.
3. GGC33/4/2/2 lists those International Programmes with which the GEBCO Project currently has some interaction or knowledge:

International Council for Science World Data System (ICSU WDS);
International Oceanographic Data and Information Exchange (IODE);

Partnership for Observation of the Global Oceans (POGO);
International Research Ship Operators (IRSO);
World Resources Institute (WRI);
Global Earth Observation System of Systems (GEOSS);
Second International Indian Ocean Expedition (IIOE2);
Integrated Atlantic Ocean Observing Systems (Atlantos);
European Marine Observation and Data Network (EMODNet);
Atlantic Ocean Research Alliance (AORA);
Group on Earth Observations (GEO);
Open Geospatial Consortium (OGC); and
International Seabed Authority (ISA)

It is considered there are a number of other programmes with which engagement could be of benefit and which could result in the provision of additional bathymetric data not already included in the GEBCO_Grid.

4. It is felt the direct involvement of individuals, possibly through a GEBCO ambassador scheme, would assist in the task of uncovering additional data stores, the contents of which or a subset could be made publicly available.
5. The GGC is invited to:
 - a. **Note** the information provided;
 - b. **Identify and prioritise** International Programmes with which engagement is deemed advantageous;
 - c. **Identify** appropriate individuals and **allocate** the necessary resources to support their participation; and
 - d. Take any other **Action** deemed appropriate.