



# GEBCO Report to the IHO Inter-Regional Coordinating Committee

June 7 - 8, 2012, Singapore

CAPT Jose Gianella  
Peruvian Navy and Nippon Scholar

# General Bathymetric Chart of the Oceans (GEBCO)

**GEBCO's mission is to provide the most authoritative publicly-available bathymetry of the world's oceans.**

**It operates under the joint auspices of the Intergovernmental Oceanographic Commission (IOC) (of UNESCO) and the International Hydrographic Organization (IHO).**



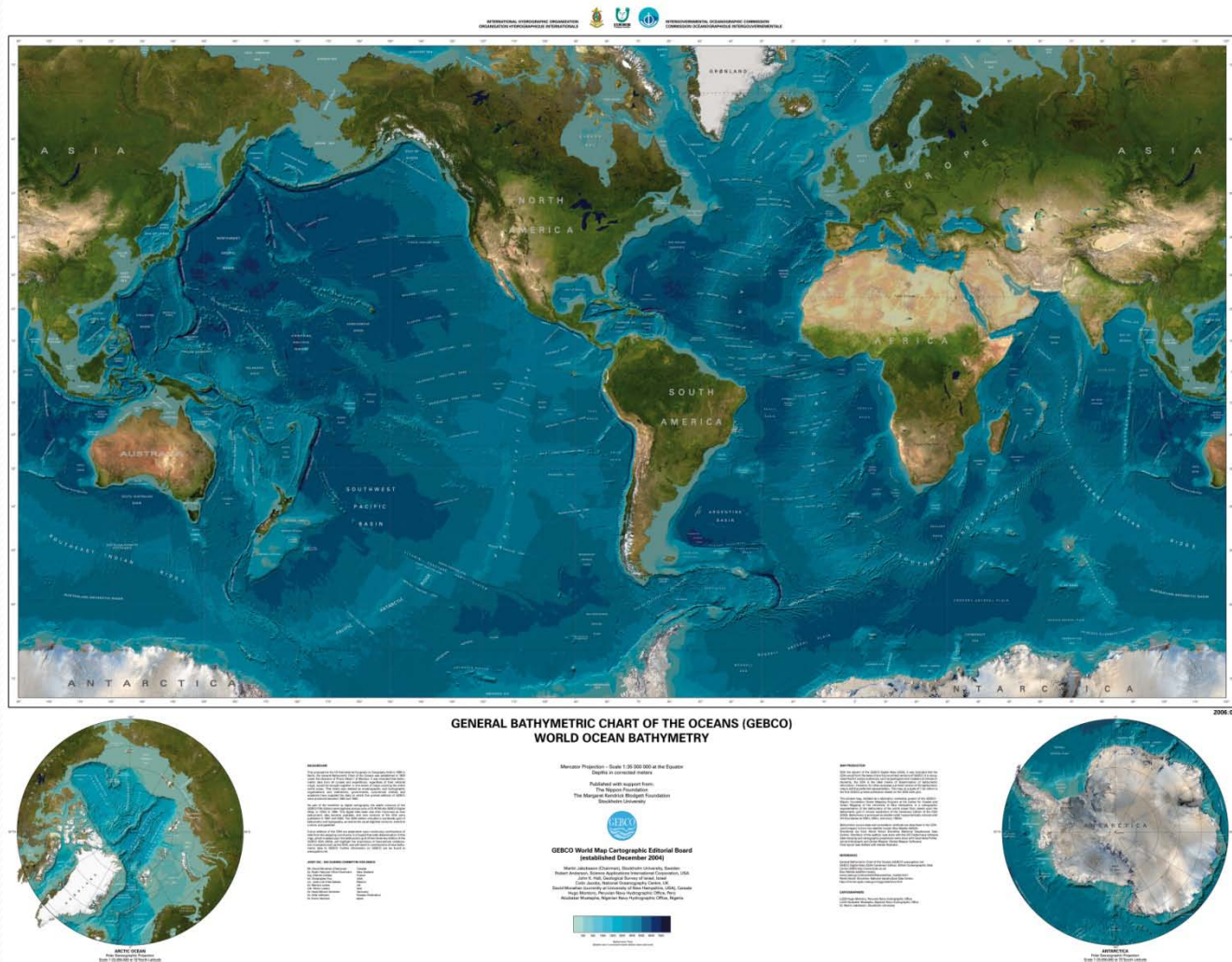
**GEBCO**

General Bathymetric Chart of the Oceans



# Gridded Bathymetry Data

GEBCO provides bathymetry data sets for the world's oceans.



# GEBCO Organization

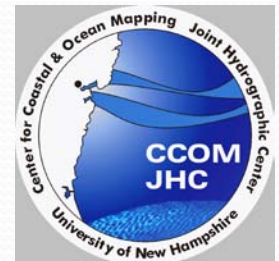
- GEBCO is sponsored by both the IHO and the IOC
- GEBCO is led by a Guiding Committee consisting of 5 IHO-appointed members, 5 IOC-appointed members, Subcommittee Chairs, and the Director of the DCDB
- GEBCO has three standing subcommittees
  - Sub-Committee for Undersea Feature Names (SCUFN)
  - Technical Sub-Committee for Ocean Mapping (TSCOM)
  - Sub-Committee for Regional Undersea Mapping (SCRUM)
- GEBCO supports the IHO Data Centre for Digital Bathymetry

# Current GEBCO Leadership

- Chair, GEBCO: Dr Robin K. H. Falconer (IOC appointed)
- Vice-Chair, GEBCO: Dr. Christopher G. Fox (IHO appointed)
- Permanent Secretary: Mr. David M. Clark
- Chair, TSCOM: Dr. Walter H.F. Smith
- Chair, SCUFN: Dr-Ing. Hans-Werner Schenke
- Director, IHO DCDB: Ms. Lisa A. Taylor
- Bathymetric Editor: Vacant
- Digital Atlas Manager: Ms Pauline Weatherall

# GEBCO-Nippon Foundation Scholars

- Funded by the Nippon Foundation of Japan
- Designed to train a new generation of scientists and hydrographers in ocean bathymetry
- A 12-month course, leading to a **Postgraduate Certificate in Ocean Bathymetry** at the University of New Hampshire, USA
- 40 scholars from 26 countries bounding on all the world's major oceans have participated in the program.
- Nippon Foundation has made additional funds available to allow further contributions of trained scholars following their training
- An annual lab visit to IHO-DCDB will be offered to a maximum of two scholars per year and will be focused on developing high-quality digital elevation models.

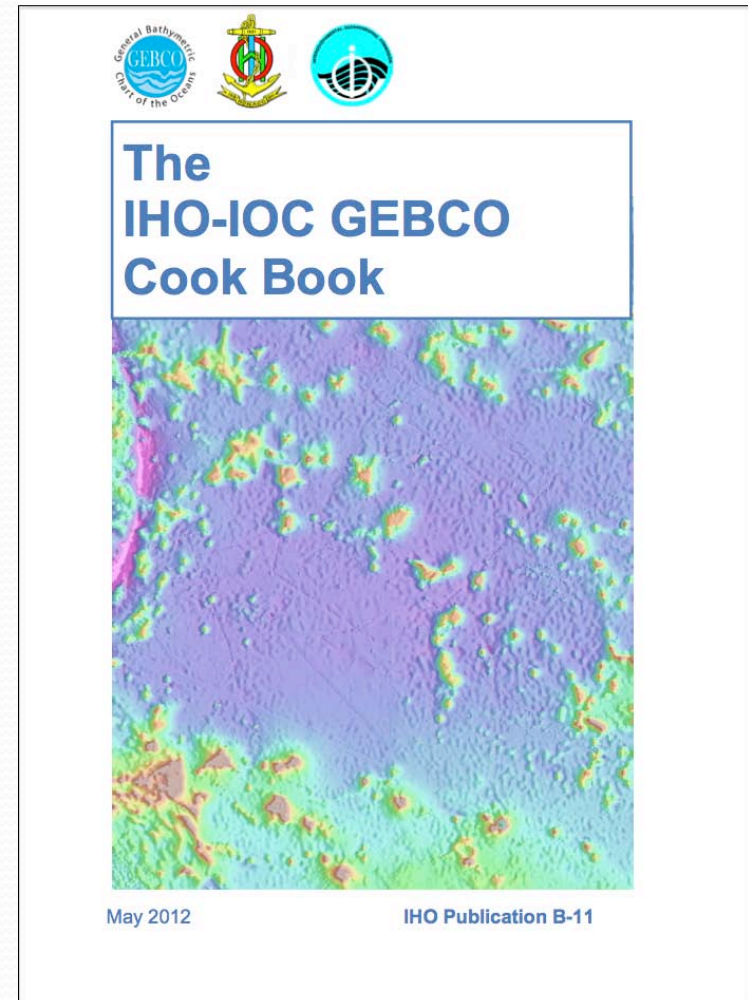


# GEBCO 2011 Annual Meetings

- GEBCO Guiding Committee, TSCOM, iSCRUM, and Nippon Foundation GEBCO-Project Management Committee met at the Scripps Institution of Oceanography, La Jolla, California, October 3-7, 2011. There were over 60 attendees.
- The 6th Annual GEBCO Baythymetric Science Day occurred on October 4<sup>th</sup>, with 12 Oral Presentations and 11 Posters.
- The 24<sup>th</sup> Sub-Committee on Undersea Feature Names (SCUFN) met in Beijing, China September 12 -26, 2011. Ten out of the twelve SCUFN members and 20 invited guests and observers attended the meeting hosted by the National Marine Data and Information Service of the State Oceanographic Administration of China.

# GEBCO Bathymetric “Cook Book”

- The GEBCO Cook Book was approved as IHO Publication B-11
- The Cook Book is designed to teach the basics of bathymetric data processing and gridding to a wide community
- It is hoped that the use of this resource will provide more consistent data submissions and data compilations for integration into GEBCO Products.





# Response to IRCC3 Action 17

- *Invite GEBCO Guiding Committee/Bathymetric Regional Project Chairs to attend corresponding RHCs meetings, aiming at strengthening collaboration with a priority on improving high resolution shallow water bathymetry at the regional level.*
- GEBCO Guiding Committee has compiled a list of potential GEBCO participants for each RHC and Commission.
- As of May 31<sup>st</sup>, GEBCO principals and scholars have attended (or plan to attend) 8 of the 14 RHCs held since IRCC<sub>3</sub> and both Commission meetings

# GEBCO 2012 Annual Meetings

- The GEBCO Guiding Committee, TSCOM, SCRUM, and Nippon Foundation/GEBCO Training Project Management Committee will meet at the International Hydrographic Board in Monaco October 1-5, 2012. All are invited.
- GEBCO Bathymetric Science Day will be held on October 2.
- The GEBCO Sub-Committee on Undersea Feature Names (SCUFN) will hold its annual meeting in Wellington, New Zealand on October 22 – 26, 2012.
- [http://www.gebco.net/about\\_us/meetings\\_and\\_minutes/](http://www.gebco.net/about_us/meetings_and_minutes/)



Questions?