

Summary of the International
Hydrographic Organization (IHO) Data
Center for Digital Bathymetry (DCDB)
Activities and Issues

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Report given at the 28th GEBCO Guiding Committee meeting
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7th October 2011

Summary of IHO DCDB Activities and Issues – GEBCO Guiding Committee Meeting 2011

- Need to enhance the IHO DCDB website and provide a robust and dynamic web interface for submitting, searching, describing and retrieving global bathymetric data (IHO work flow plan request submitted for 2013-2017).
- Migrating from FGDC to ISO metadata standard.
- Data contributed to IHO DCDB as part of new undersea feature names proposals.
- GEBCO Gazetteer Enhancement Project, Part I completed. Need for resources to fund Part II of this project providing the Gazetteer as a web service and making it accessible via an on-line interface. Errors need to be corrected and geometries refined and added. Funding Part II of this project is critical to insure that the Gazetteer is made available and used consistently in GIS systems and other applications such as Google Earth.
- Continue to develop and test the GEBCO Data Store.
- Continue to interface with the Regional Hydrographic Commissions to encourage data exchange.
- Hosted three NIPON students:

The Nippon Foundation / GEBCO Training Project

- International maritime experts brought together to become experts in deep-ocean mapping
- NGDC partner to provide data management and DEM development training



Hiroaki Saito

Japan Coast Guard Hydrographic &
Oceanographic Department

*July 5 – 22: Develop DEM for
Okushiri, Japan and report on
methodology and development*

Roshan Ranaweera

Sri Lanka National Aquatic Resources
Research & Development Agency



Kittisak Nilrat

Royal Thai
Navy



*July 11 – 29: Report on data
management best practices and
a scenario for hydrographic
data flow from ship to archive*