

Eighth GEBCO Science – presentation abstract

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Poster presentation title: Nippon Foundation / GEBCO Indian Ocean Bathymetric Compilation Project

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Abstract

The aim of this multi-nation GEBCO / Nippon Foundation Indian Ocean Bathymetric Compilation (IOBC) project is to assemble, collate, archive and publish a grid and map of all publically-available bathymetric data from all sources within the Indian Ocean region.

The project is being undertaken by a combination of Nippon Foundation GEBCO scholars and senior GEBCO members, and is guided by an Editorial Board, with operations directed by the project director, Dr Rochelle Wigley, located at the main project data center at the University of New Hampshire.

The 8th Nippon Foundation/GEBCO class of 2011-2012 worked on Phase 1 as part of their class projects which resulted in the identification of a number of publically-available MBES data. Some student's laboratory visits were designed to identify and obtain relevant data, and to generate relevant regional bathymetric data compilations that will be utilized with the final IOBC grid.

The 9th Nippon Foundation/GEBCO class of 2012-2013 started development of Phase 2 and established the first work-flow procedures on downloading the identified data and the subsequent data processing and cleaning procedures required to prepare the data for gridding. This ongoing collaboration between students and scholars has resulted in the development of the first IOBC database, currently hosted at UNH.