

## **Eighth GEBCO Science – presentation abstract**

**Institute of Marine Sciences - National Research Council (ISMAR-CNR), Venice, Italy, 8th October 2013**

### **Oral presentation title: The Hidden Landscape of the Baltic Sea -- Introducing a New Bathymetry Database to the Public**

Authors: Benjamin Hell, Hans Öiås, and Baltic Sea Bathymetry Database working group; Swedish Maritime Administration / Baltic Sea Hydrographic Commission

#### **Abstract**

The Baltic Sea Bathymetry Database (BSBD) gathers, visualizes and distributes data about the water depth — bathymetry — for the areas of all Baltic Sea countries. Many applications span over country borders and require a level of detail in bathymetric data which cannot be supplied by conventional nautical charts.

The BSBD web site and database are developed to meet the requirements of maritime and environmental planning as well as scientific research. There are several fields of application where bathymetry data is needed. The compiled bathymetry model has a resolution of 500m, featuring more than ten times as many data points as the currently available homogenous models, and more data is regularly being added to the model.

Website: <http://data.bshc.pro/>