

# GEBCO-SCRUM Google 2014



## Just a reminder! What is SCRUM?

# Sub-Committee on Regional Undersea Mapping

- The Sub-Committee shall:
- 1.2.1 Maintain liaison and cooperate with all existing regional mapping efforts chartered by the IOC under the International Bathymetric Chart (IBC) initiative as well as other relevant regional bathymetric mapping projects.
- 1.2.2. Act as an Editorial Board by reviewing and validating the resulting regional products before incorporation into the GEBSCO global grid.
- **1.2.1 Maintain liaison and cooperate with all existing regional mapping efforts**
- 1.2.4 Encourage the establishment of new IHO/IOC regional bathymetric mapping projects to fill current gaps in global bathymetry.
- 1.2.5 Establish, support, and/or disband working groups, as needed, to carry out specific tasks or product developments that advance of the GEBSCO Project.
- 1.2.6 Work with SCUFN on matters of joint interest, such as, but not limited to, facilitating the proposal of new undersea feature names within IBC areas, defining the geometry of named undersea features, and providing contacts with region specific expertise in bathymetry, geomorphology, and marine geology.

# SCRUM 2014



<b>Name</b>	<b>Organisation</b>	<b>Country</b>
Armando De Lisa Bornachera	CIOH	Colombia
Barry Eakins	NOAA/National Geophysical Data Center	USA
Benjamin Hell	Swedish Maritime Administration	Sweden
Boris Dorschel	AWI	Germany
Choi Sung Ho	Korea Hydrographic and Oceanographic Administration	Republic of Korea
Eric Moussat	IFREMER	France
Federica Foglini	Institute for Marine Sciences (ISMAR)	Italy
Fernando Oviedo Barrero	CIOH	Colombia
Hans Öiås	Swedish Maritime Administration	Sweden
Hugo Montoro	Dirección de Hidrografía	Peru
John Hall	Geological Survey of Israel (retired)	Israel
Li Sihai	National Marine Data and Information Service	China
Martin Jakobsson	Stockholm University	Sweden
Mohammad Chowdhury	University of Chittagong	Bangladesh
Paul Elmore	US Naval Research Laboratory	USA
Pauline Weatherall	British Oceanographic Data Centre	UK
Robert Anderson	Leidos Inc.	USA
Rochelle Wigley	University of New Hampshire	USA
Serge Levesque	Canadian Hydrographic Service	Canada
Shin Tani	Hydrographic and Oceanographic, Coast Guard,	Japan
Suzanna Carbotte	Lamont-Doherty Earth Observatory	USA

## Status fall 2014: Regional Mapping Projects

IBCAO: 3.0 completed  
in [GEBCO\\_2014](#)

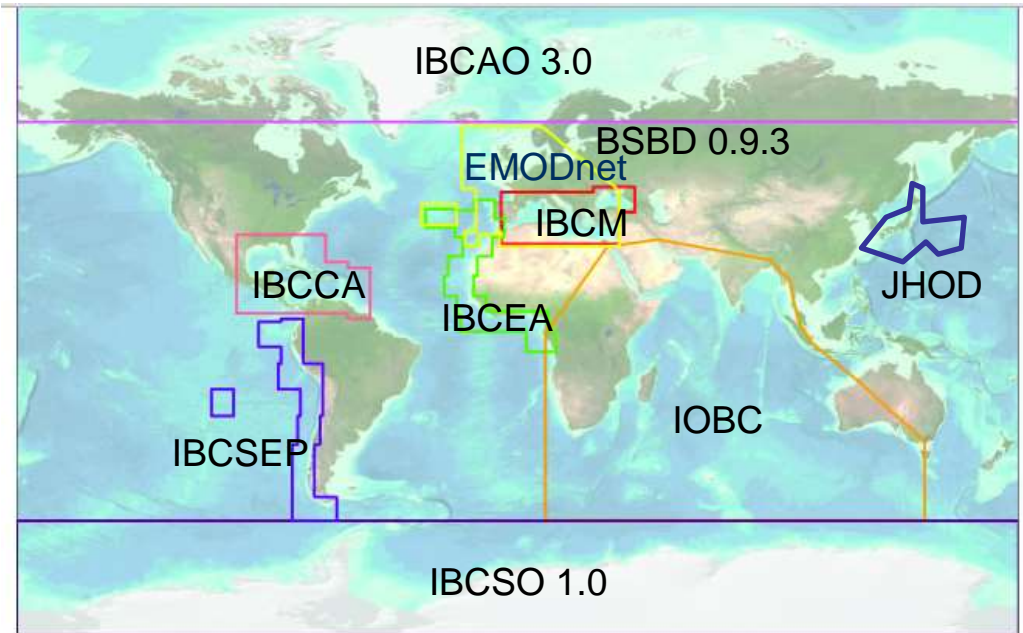
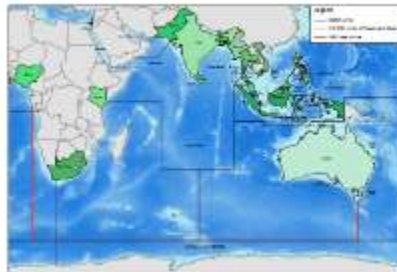
IBCSO  
Version 1.0 completed  
in [GEBCO\\_2014](#)

JHOD  
in [GEBCO\\_2014](#)

BSBD 0.9.3  
in [GEBCO\\_2014](#)

EMODnet  
in [GEBCO\\_2014](#)

IOBC  
Work ongoing<



### Intergovernmental Oceanographic Commission (IOC) Regional Mapping Projects

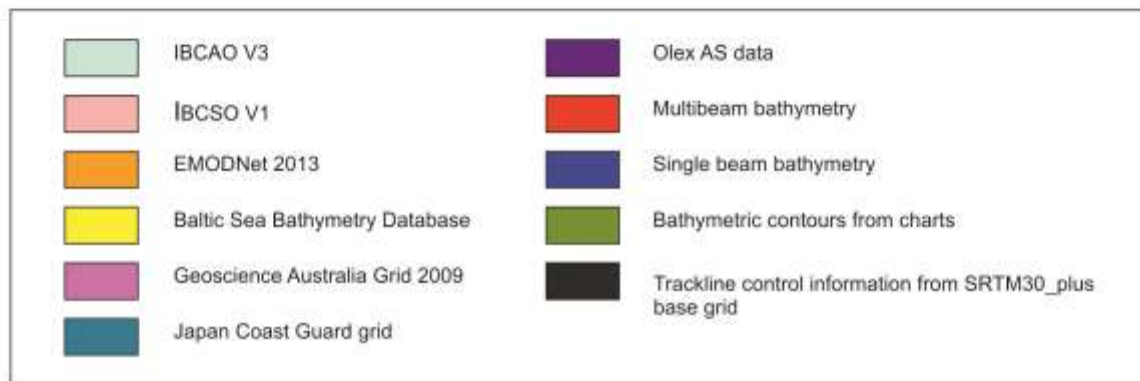
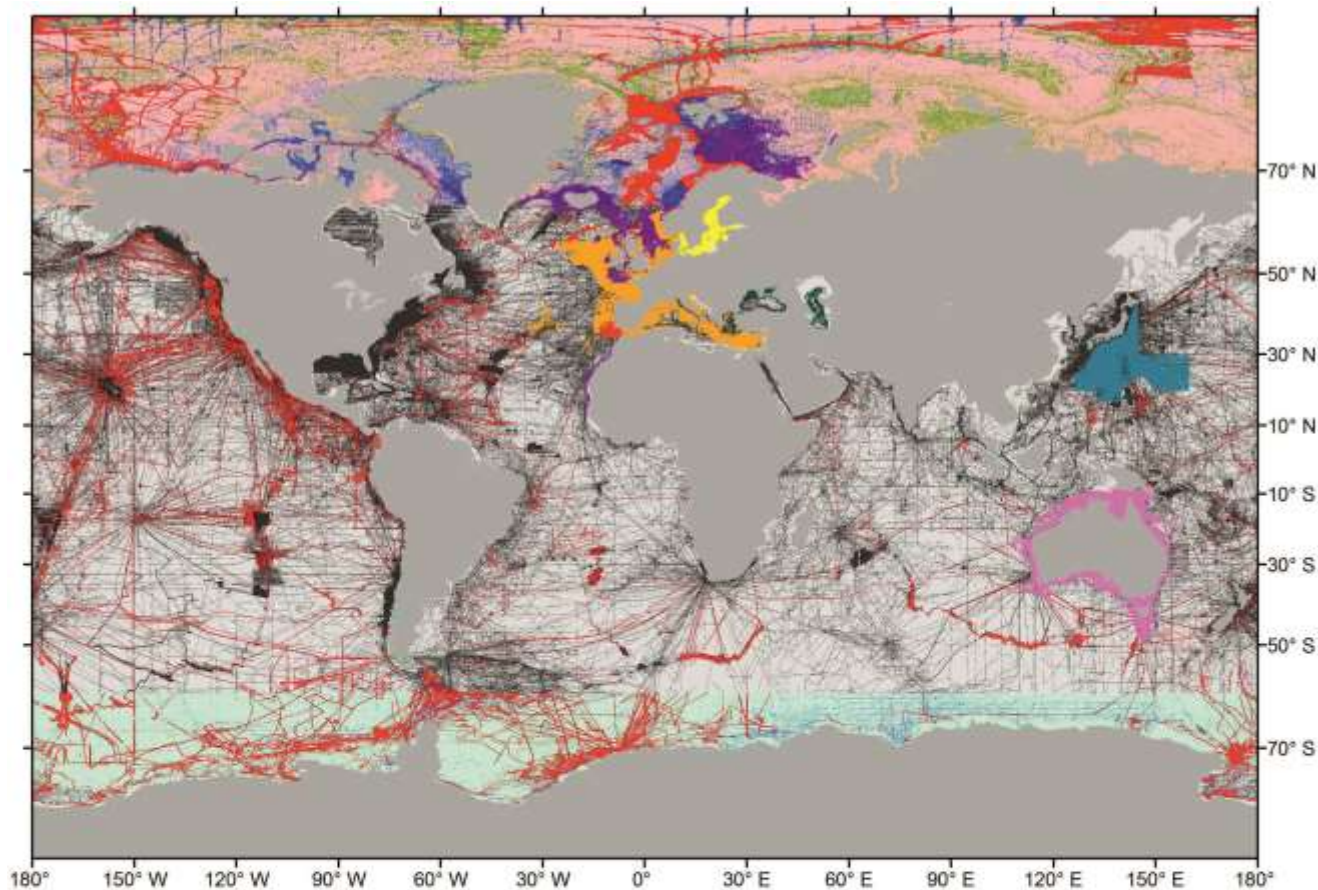
GEBCO has long benefitted from contributions from the work of the IOC Regional Mapping Projects. Find out more about the individual projects from their web sites (where available) hosted at the US National Geophysical Data Center:

- International Bathymetric Chart of the Arctic Ocean ([IBCAO](#))
- International Bathymetric Chart of the Southern Ocean ([IBCSO](#))
- International Bathymetric Chart of the Caribbean Sea & Gulf of Mexico ([IBCCA](#))
- International Bathymetric Chart of the Central Eastern Atlantic ([IBCEA](#))
- International Bathymetric Chart of the Mediterranean ([IBCM](#))
- International Bathymetric Chart of the South Eastern Pacific ([IBCSEEP](#))
- International Bathymetric Chart of the Western Indian Ocean ([IBCWIO](#))
- International Bathymetric Chart of the Western Pacific ([IBCWP](#))

# 19% is comprised of grids provided by regional compilations

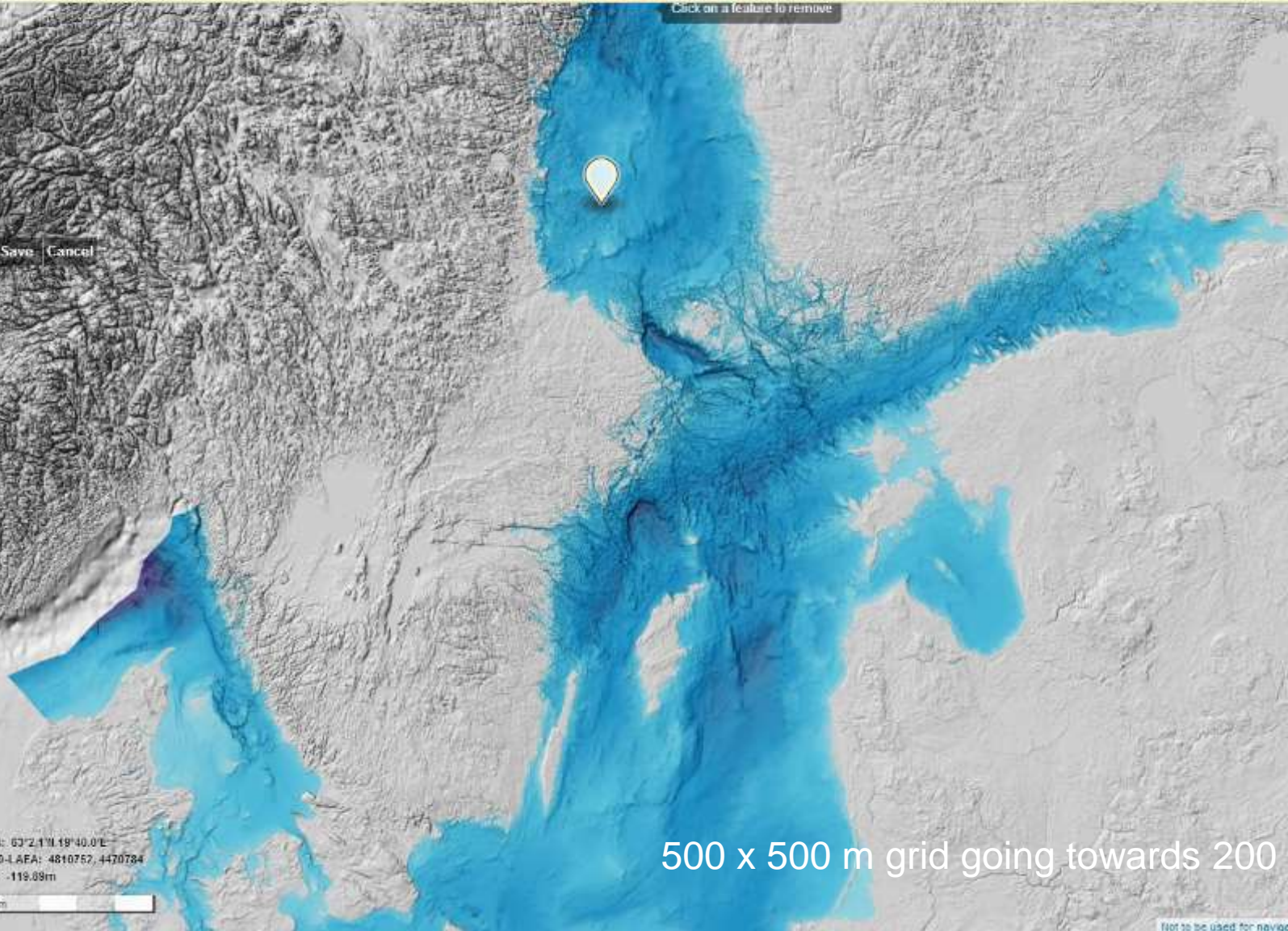


2014





Click on a feature to remove



Save Cancel

WGS84: 63°2.1'N 19°40.0'E  
ETRS89-AFA: 4810752, 4470784  
Depth: -119.09m



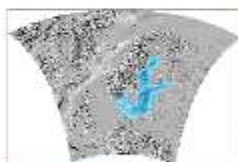
500 x 500 m grid going towards 200 x 200 m



ArcGIS - Baltic Sea B x  
www.arcgis.com/home/item.html?id=851889c17d794a5aa2f70011d2547b10

ArcGIS FEATURES PLANS GALLERY MAP HELP Sign In

## Baltic Sea Bathymetry Database v0.9.3, grid model 500m resolution



WMS by david.moding@sjov  
Last Modified: February 10, 2014  
★★★★★ (0 ratings, 37 views)  
Sign in to rate this item.  
Facebook Twitter

OPEN

### Description

This 500m bathymetric grid model is created using data from the countries around the Baltic sea. Notice that this is modeled data, not actual measurements. The purpose of this database is to deliver a homogenous bathymetric model for the complete Baltic sea at specific resolutions. It is also important to notice that this data must not be used for navigation. Read the disclaimer for detailed terms and conditions. The model will be updated when new data is received from the participating countries.

### Access and Use Constraints

### REST Connection

<http://data.bshc.pro/ogc/batbd-latest>

### Properties

Tags	BSBD, Sjömåttning, Östersjön
Credits	Licensed under Creative Commons CC-BY 3.0 Unported. Data, imagery and products derived from them are NOT to be used for navigation. See <a href="http://data.bshc.pro/legal/">http://data.bshc.pro/legal/</a> for complete license, terms and conditions.
Size	1 KB
Extent	Left: -34,20 Right: 57,46 Top: 73,4 Bottom: 44,33



## **Planned core activities for 2014 at last GEBCO guiding committee meeting in Monaco**

- Write a GEBCO release article for the new 2014 grid!
- Special session at the American Geophysical Union (AGU) fall meeting 2014

“New Perspectives on Seafloor Morphology from High-Resolution Ocean Mapping”

- TSCOM-SCRUM meeting in San Francisco, hosted by Google
- **Arctic-Antarctic seafloor mapping meeting 2015**





## The future of regional mapping; visions

- Encourage and facilitate crowd sourcing to “GEBCOs crowd source system” through regional GEBCO ambassadors

*Encourage our scientific community to establish research project tightly linked to GEBCO and seek funding for them*

*GEBCO must raise its profile within the scientific community*

*Complete removal of registration requirement from our downloading*

# GEBCO-SCRUM

## Google 2014



New regional projects?

Update statuses of existing regional projects?

Vision:

GEBCO\_2016, 40 % of the GEBCO grid should consist of high-quality regional compilations



