Sixteenth Intergovernmental Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions

MACHC-IOCARIBE Seabed 2030 Project Work Plan for 2021

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IHO International Hydrographic Organization

MACHC – IOCARIBE Seabed 2030 Work Plan for 2021

GOALS:

1. Contribute Existing Non-Public Bathymetric Data to the IHO DCDB and GEBCO Grid

2. Increase data coverage

3. Build Capacity for mapping contributions

GOAL 1 - Contribute Existing Non-Public Bathymetric Data to the IHO DCDB and GEBCO Grid

ACTIONS FOR COASTAL STATES:

- Assemble information about existing non-public bathymetric data.
- Look at existing regulatory requirements, legislation, bilateral, contractual or other arrangements for surveying within national waters of jurisdiction to reassess what bathymetric data can be made publicly available.
- Contribute multibeam, single-beam and ENC data to the IHO DCDB.
- Contribute national bathymetric data products to the Seabed 2030 Project.
- Identify ways to promote or to support bathymetric data sharing.

GOAL 2 - Increase data coverage

ACTIONS FOR COASTAL STATES:

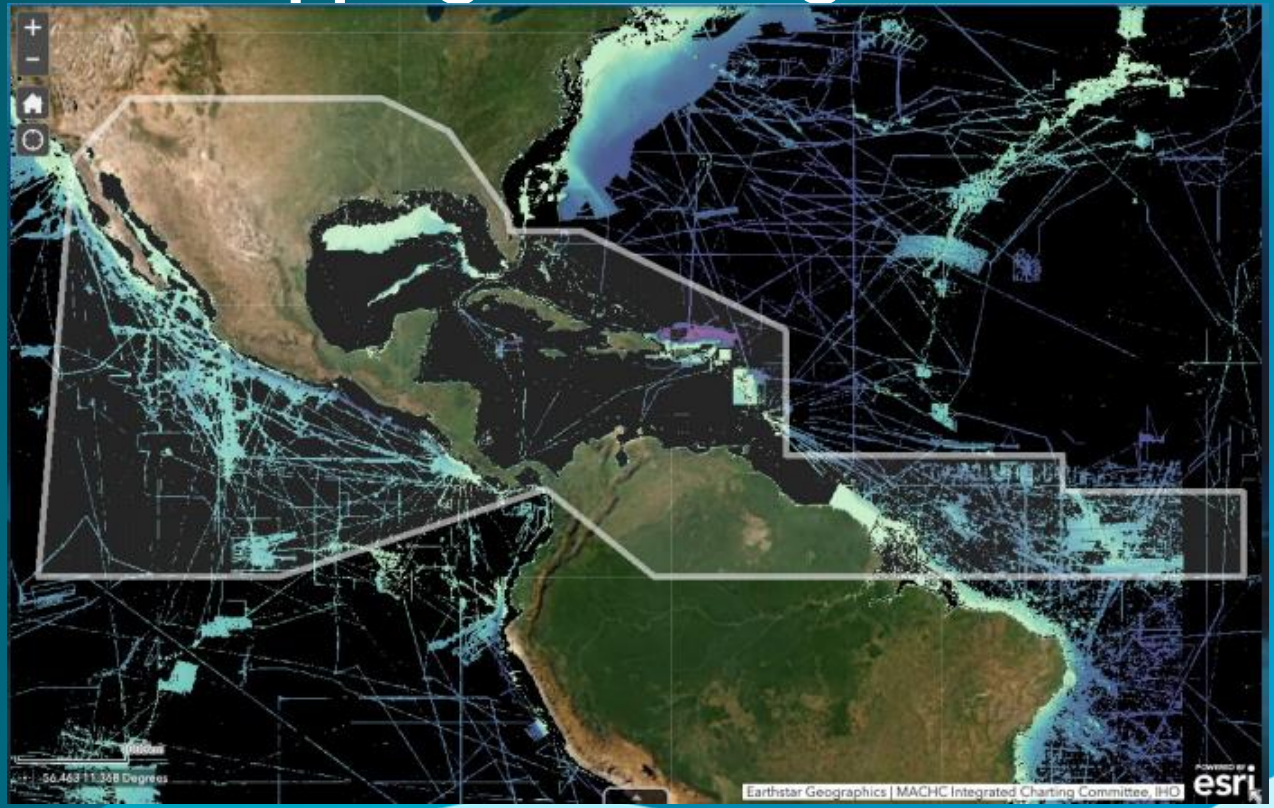
- Assemble information about upcoming surveys and data acquisition opportunities in national waters of jurisdiction.
- Explore with national authorities expanded permissions for opportunistic data acquisition via research and survey vessels during transits, consistent with national policy.
- Consider carrying Crowdsourced Bathymetry field trials in the region to provide data to the IHO DCDB.

GOAL 3 - Build Capacity for mapping contributions

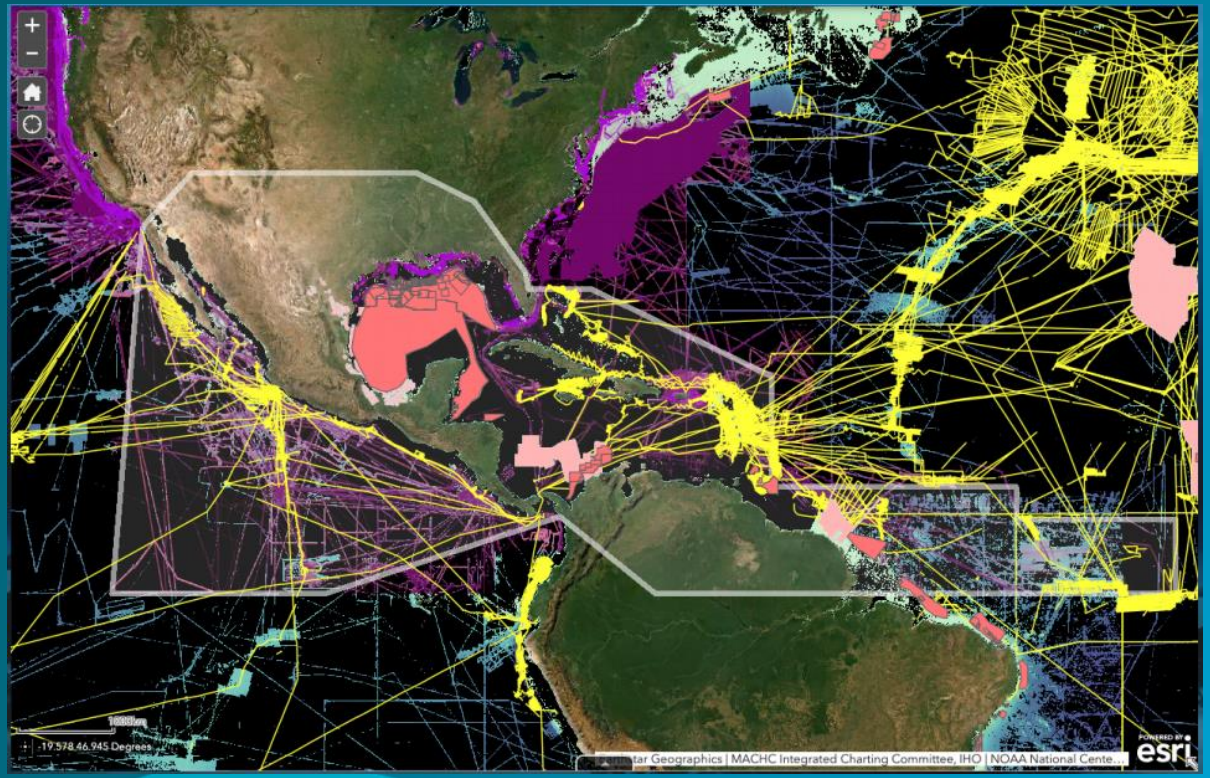
ACTIONS FOR COASTAL STATES:

- Identify technical and other challenges to data collection, assembly and sharing and look for solutions.

Status of Mapping in the Region: GEBCO 2020



MACHC Seabed 2030 Web App



http://bit.ly/Seabed2030-MACHC

IOCARIBE XVI

Sixteenth Session of the IOC (of UNESCO) Sub-Commission
for the Caribbean and Adjacent Regions

United Nations Educational, Scientific and Cultural Organization

Intergovernmental Oceanographic Commission

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How Can You Contribute ?

- Please explore the MACHC - Seabed 2030 Web App
  http://bit.ly/Seabed2030-MACHC
- Work closely with your National Maritime Administration and/or your National Hydrographic Office.
- Assemble information about technical challenges that we might be able to help you address.
- Send questions and correspondence to: cecilia.cortina@gmail.com

International Hydrographic Organization
Organisation Hydrographique Internationale

IHO DCDB Home | Contribute Data | Crowdsourced Bathymetry | CSB Mapping Projects

How to Contribute Data to the IHO DCDB

Contact bathydata@iho.int for more information on contributing data or sharing web services to the IHO DCDB.
Refer to Submitting Marine Geophysical Data to the IHO DCDB for how to package and submit data.

Governments, organizations, academia, industry and individuals are encouraged to contribute data to the IHO DCDB.

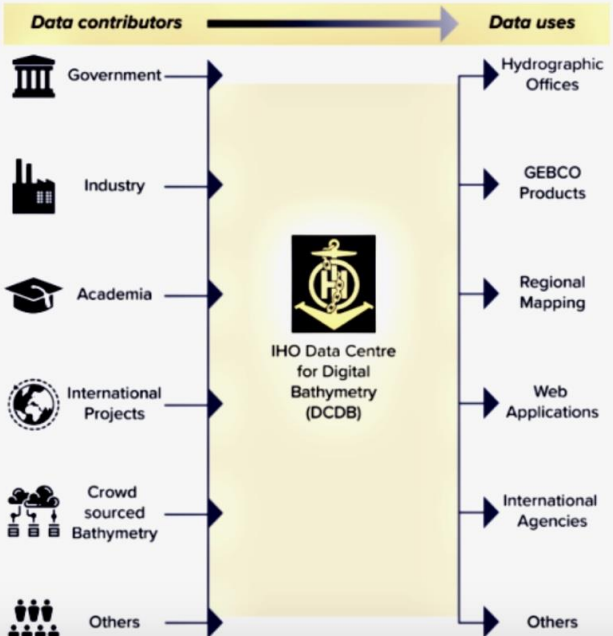
Bathymetric data and metadata can be submitted via File Transfer Protocol (FTP), email, or mail (hard drive) in the formats listed below.

- **Raw sonar data:** MGD77T or the original manufacturer's format
- **Processed data:** gsf, BAG, NetCDF, tiff, xyz, sd, asc, etc.
- **Metadata:** XML or text

Other formats and products will be considered on a case-by-case basis.

Learn more about contributing *crowdsourced bathymetry*.

IHO Member States are invited to provide sounding data extracted from their Electronic Navigational Charts (ENC). Only soundings from ENC cells in navigational purpose bands 2 and 3 are requested. For more information, please refer to IHO Circular Letter 11/2016.



https://www.ngdc.noaa.gov/iho/

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EOCEAN
nesco.org

Contributing Data

How to contribute data

Please use the form below to make contributions of multibeam and/ or single-beam survey data, individual soundings or existing grids to help update our gridded data sets and products. If you have any problems in completing the form, then please email this information to the Global Center (gdacc@seabed2030.org).

Jump to

> Our data contributors

> Join the Crowdsourced Bathymetry initative

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GEBCO Data Contribution Form

GEBCO's aim is to provide the most authoritative, publicly-available bathymetry of the world's oceans. It operates under the joint auspices of the International Hydrographic Organization (IHO) and the Intergovernmental Oceanographic Commission (IOC) (of UNESCO). GEBCO is continually working to improve its data products and gratefully acknowledges all data contributions to help map the gaps.

https://www.gebco.net/about_us/contributing_data/

GRACIAS

THANK YOU

MERCI BEAUCOP