

Jennifer Jencks

Director, IHO Data Center for Digital Bathymetry

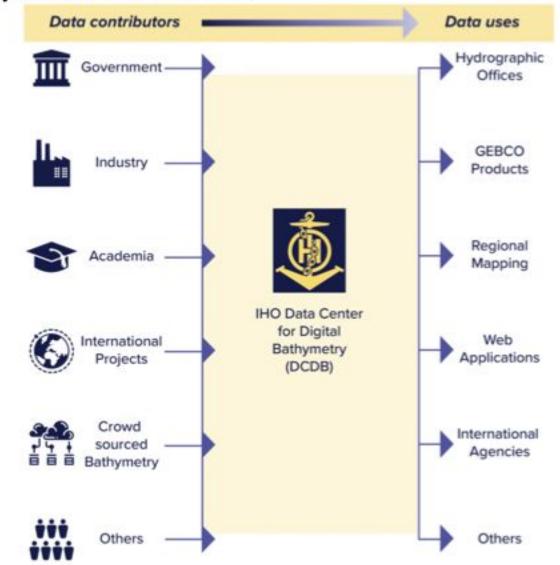
jennifer.jencks@noaa.gov



IHO Data Center for Digital Bathymetry (DCDB)

Today's Update:

- Recent data contributions
- IHO DCDB enhancements
- Workshop planning

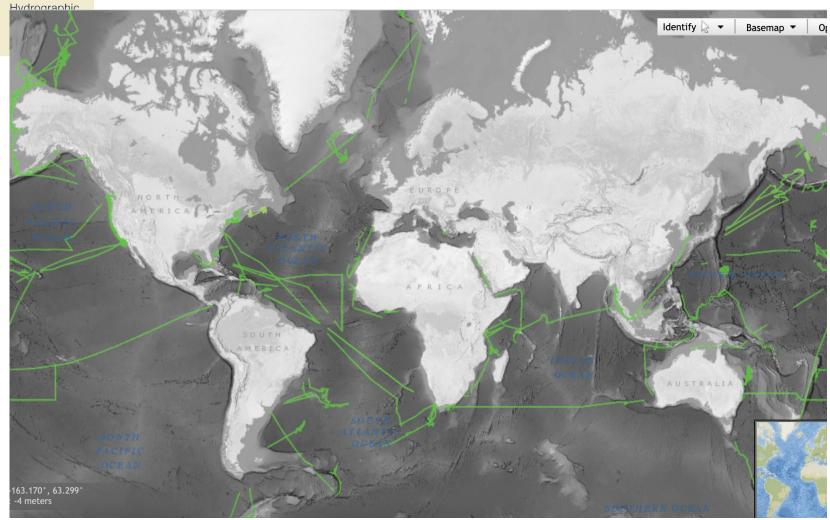




IHO

In the last year, the DCDB has archived multibeam bathymetry data from 206 surveys and 24 sources.

International



U.S. Academic Research Fleet (ARF): 55

surveys

Fugro: 28 surveys

NOAA Fleet: 15 surveys

LDEO MGDS - 18 surveys

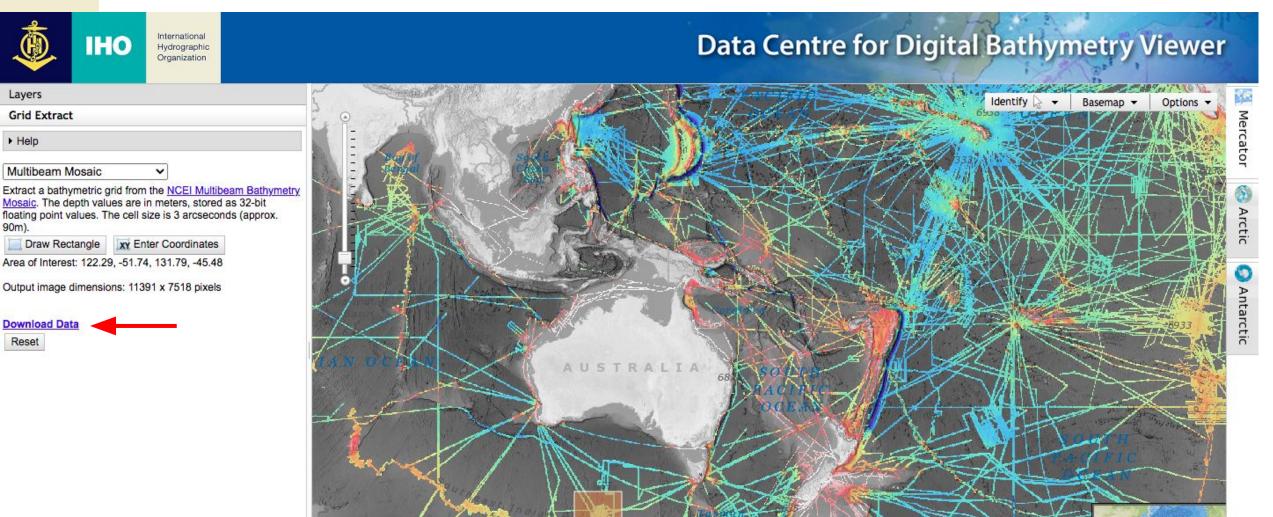
Caladan/5 Deeps: 73 surveys/data

packages



DCDB Map Viewer

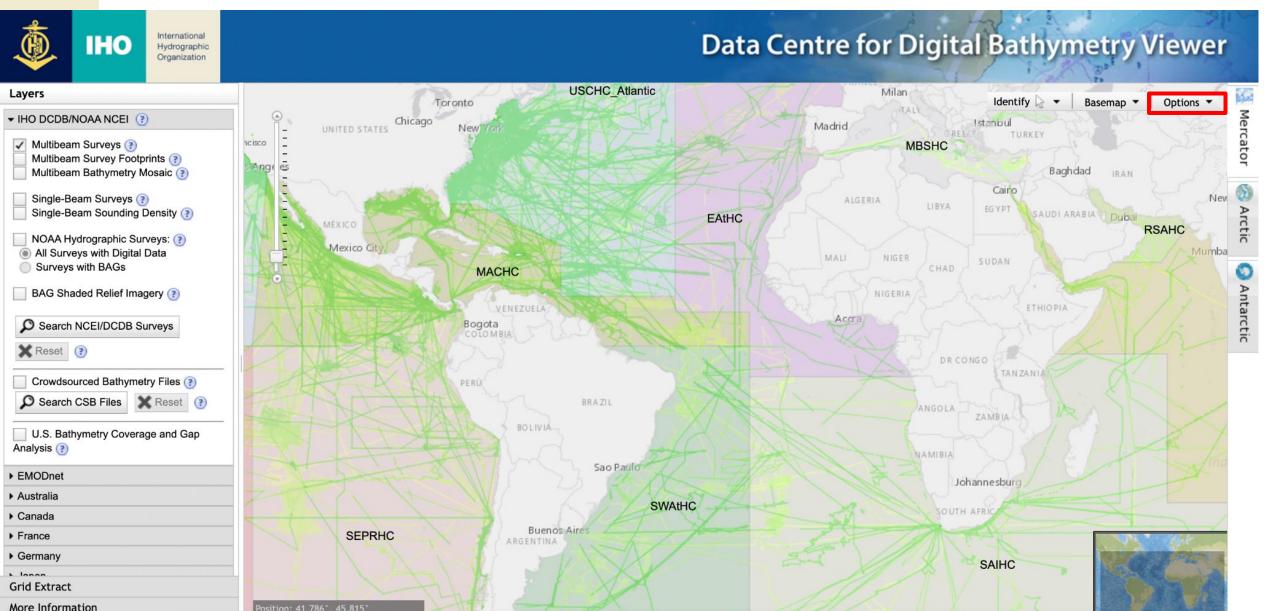
Improvements and updates: Added "Grid Extract"





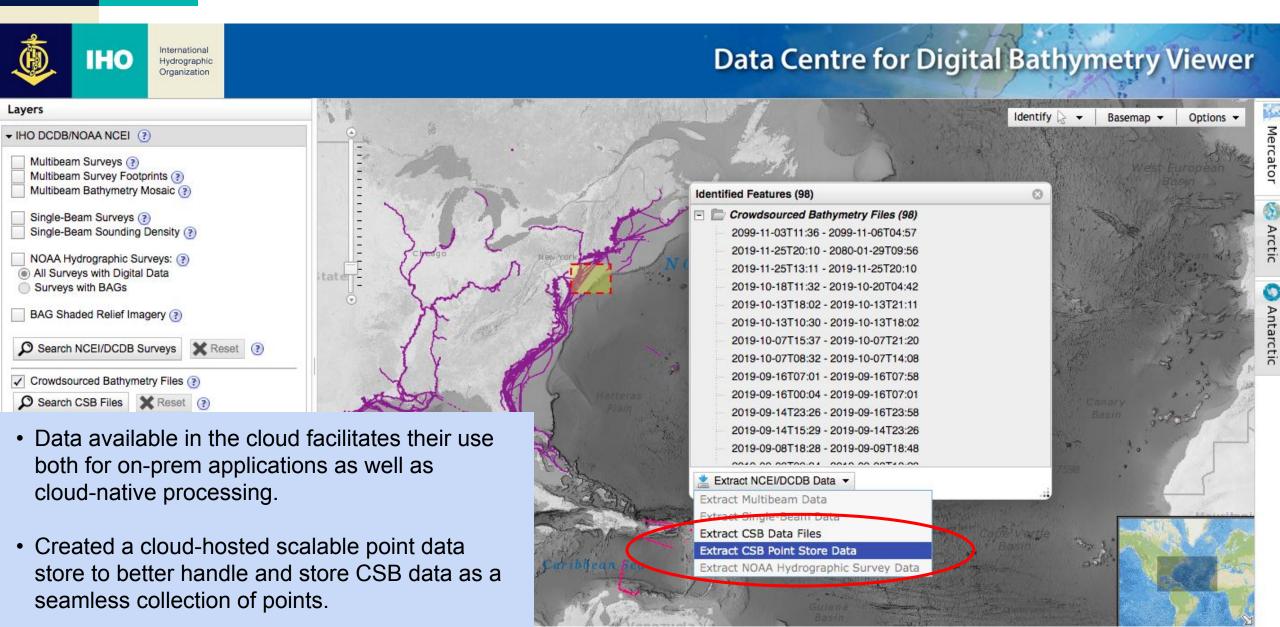
DCDB Map Viewer

Improvements and updates: Added IHO RHC Boundaries



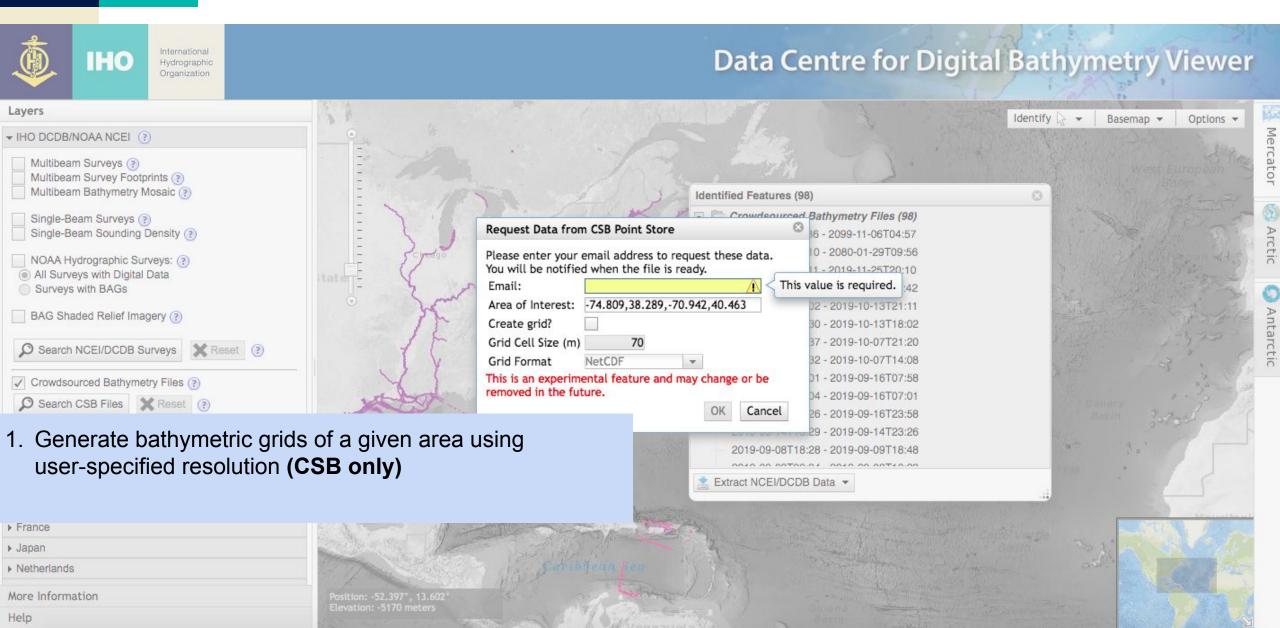


Planned Enhancements - Improving Access & Usefulness





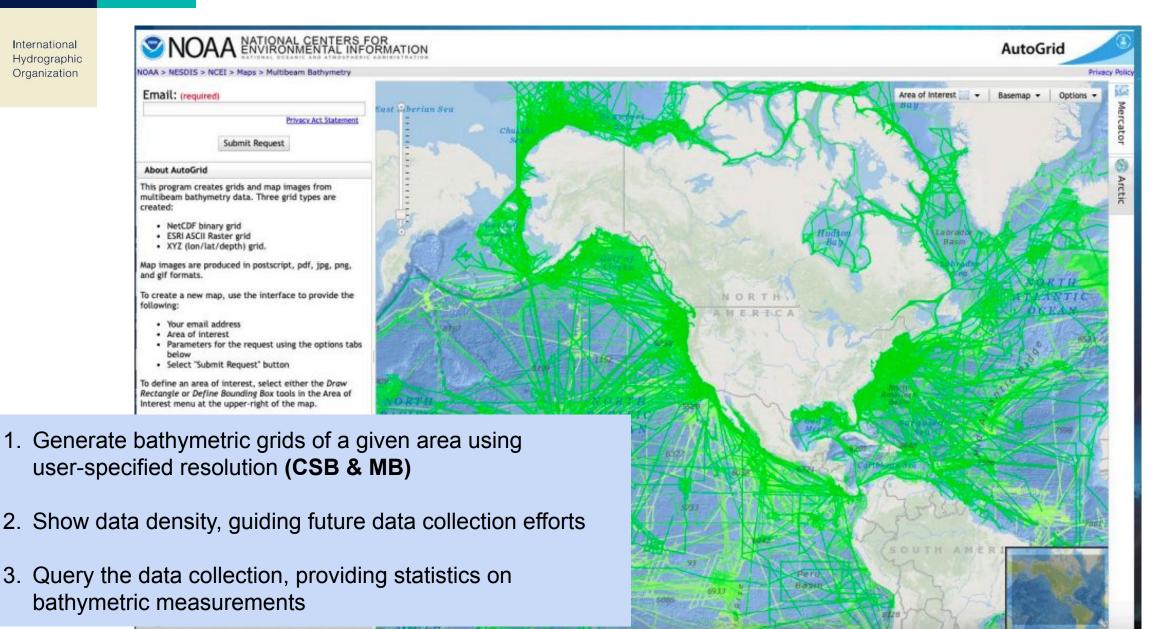
Planned Enhancements - Improving Access & Usefulness





Planned Enhancements - Improving Access & Usefulness

International Hydrographic Organization



Invitation to Action - TSCOM Webinar Series & Workshop

Developing a Vision for Improving the Discovery and Access of Bathymetric Data

- 5 listening sessions based around the following steps of the bathymetric data pipeline life cycle: **Data Stewardship**; **Data Discovery**; **Data Access & Dissemination**; **Data Processing & Transformation**; **Tools for Opportunistic Mapping**.
- Webinars will provide an opportunity for leaders in the field to present on their approaches towards
 the development and maturation of new and emerging technologies to manage, visualize, discover
 and access bathymetric data in support of the Nippon Foundation-GEBCO Seabed 2030 Project.
- The objective of these sessions will be to walk away with an agenda to drive a Spring 2023
 "Invitation to Action" Workshop hosted by Lamont-Doherty Earth Observatory at Columbia
 University in Palisade, New York.



Invitation to Action:

Developing a Vision for Improving the Discovery and Access of Bathymetric Data

Fall 2022

Workshop Series

A series of five 1.5-2 hours listening session based around the following steps of the bathymetric data pipeline life cycle

Data Ingest, Documentation & Archiving

Data Discovery

Data Access & Dissemination

Tools for Opportunistic Mapping

Data Processing & Transformation

Winter 2022

Train the Trainer Workshop

A 2 hour webinar session to review spring session workshop format and prepare facilitators

Spring 2022

Invitation to Action Workshop

A 3 day onsite meeting hosted by LDEO to discuss themes and topics

Group Introductions

Subject Matter Driven Facilitated Breakout Groups

Moderated Joint Session and Roadmap Generation

Next Steps

Developing a Vision for Improving the Discovery and Access of Bathymetric Data

- Finalize initial brainstorming
- Determine dates for Webinar series and Workshop
- Finalize speakers and attendees
- Finalize invitations and send them out!