



Ocean Decade Corporate Data Group Bathymetry Data Sharing Guideline



The Ocean Decade Corporate Data Group



Identify **barriers**
and **solutions** to
sharing privately
collected and
owned **ocean**
data

CALL TO ACTION

ACTION FOR RESEARCH INSTITUTIONS AND ACADEMIA

- Define and share priority ocean data needs.
- Fund research roles to support data management and sharing.
- Establish data management and sharing plans.
- Publish and share (meta)data in a timely manner.

ACTION FOR INDUSTRY AND NGOs

- Create an inventory of ocean datasets collected, stored.
- Determine which datasets to release, publish (meta)data and promote availability.
- Introduce contractual terms for new acquisitions that facilitate data sharing.
- Explore opportunities for in-transit ocean data collection and sharing from vessel operations.

ACTION FOR NATIONAL GOVERNMENT AUTHORITIES

- Define and share priority ocean data and information needs to support national and multilateral interests.
- Clarify mechanisms to authorize sharing of ocean data collected in Exclusive Economic Zones (EEZs).
- Connect existing national ocean data repositories and ensure visibility, accessibility and usage.

CORE PRINCIPLES

These actions are underpinned by the following three core principles:

KNOWLEDGE

A collective understanding and ambition that sharing data increases our ability to develop scientific knowledge of the ocean, for more informed decisions and policy-making towards a sustainable management of the ocean.

TRUST

Trust in the data that is shared - for example in terms of quality, provenance and terms of use - as well as in the processes and infrastructure that supports the data and information systems, to encourage usage of, and contribution to, the system.

TRANSPARENCY

Our collective actions must ensure that whatever the shared data, information or knowledge, it must be easy to access, to be shared, with clear terms of use, recognizing that some information may be confidential or otherwise protected, the aim "make the data as open as possible and as closed as necessary" should always be followed.



Intergovernmental
Oceanographic
Commission



2021 United Nations Decade
of Ocean Science
2030 for Sustainable Development

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Example:

Seabed 2030 bathymetric data coverage 2014 to 2024 – yellow area corresponds to bathymetry extracted from ~40,000 km² of 3D seismic data contributed by ANCAP.

- **Currently >26% of the global seabed is mapped.**
- **Estimated additional 15%-20% of the seabed has already been mapped but not yet shared.**
- **Majority of unshared seabed mapping data is held by the private sector.**

Source: Seabed2030



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the Guideline

