

Decade Coordination Office for Ocean Data Sharing (DCO-ODS) & IODE

1st Webinar

31-01-24

The following information is a compilation of useful links and resources shared by presenters and the DCO in the chat during the Webinar.

For further information or any questions, please email us at:

oceandatasharing@unesco.org



**Ocean
Data Sharing**

Decade
Coordination
Office



International
Oceanographic
Data and Information
Exchange

Implementing the Decade Data and Information Strategy : Louis Demargne (Decade Coordination Unit, UNESCO-IOC)

- Executive Summary of the Data and Information Strategy: <https://oceanexpert.org/document/32642>
- Vision 2030 process Draft White Papers: <https://oceanexpert.org/document/33599>

The role, activities, available resources and progress of the Decade Coordination Office for Ocean Data Sharing (DCO-ODS): Jan-Bart Calewaert (DCO Ocean Data Sharing)

- Ocean Data Sharing DCO website: <https://oceandatasharing-dco.org/>
- Ocean Data Sharing toolkit: <https://oceandatasharing-dco.org/explore-our-data-sharing-toolkit/>
- Ocean Data Sharing helpdesk function: <https://oceandatasharing-dco.org/consult-our-data-helpdesk/>
- Contact Ocean Data Sharing: oceandatasharing@unesco.org

Ocean Data Management and Sharing – recommended practices & training opportunities: Greg Reed (IODE, OTGA), Ana Carolina MAZZUCO (IODE, OTGA Project Coordinator)

- IODE: <https://www.iode.org>
- OTGA eLearning platform: <https://classroom.oceanteacher.org/>
- Ocean InfoHub: <https://oceaninfohub.org/>

Community examples and best practices from Primary Actions and Decade Implementing Partners

Ocean Data 2030, the Ocean Data and Information System and Ocean Infohub Pier-Luigi Buttigieg (AWI, IODE, Ocean Data 2030)

- English: <https://www.youtube.com/watch?v=KrxZrPg0u8>
- French: <https://www.youtube.com/watch?v=q-7xZzA6b44>
- Spanish: <https://www.youtube.com/watch?v=HwVs9q7Pwpg>

Our technical approach is documented in this book (your tech teams can review to link your Action to the ODIS Federation) is here: <https://book.oceaninfohub.org/>

There'll soon be a getting-started guide and updated specifications. The GitHub tracker where all our tech conversations happen is available here: <https://github.com/iodepo/odis-arch>

Your tech teams can post issues there or contribute to existing development streams. For example, here's a recent issue where the US' IOOS system asked to link their system in: <https://github.com/iodepo/odis-arch/issues/389>

A new website for ODIS and OceanData2030 is in development - but there's no need to wait. If you'd like to link to ODIS, please send an email to Lucy Scott (l.scott@unesco.org) with Jeff McKenna (Jeff McKenna jmckenna@gatewaygeomatics.com, our lead for digital partnerships) in CC.

You can browse the content the ODIS Partners are sharing via the OIH search portal: <https://oceaninfohub.org/> There's so much (meta)data being shared, that we'll soon be updating the portal with some improved visualisation and search functions, especially for spatial searches.

The exciting thing is that if you're Action's data is already flowing into an ODIS "node", it may already be visible. For example, all the eDNA data from the Australian Integrated Microbial Observing System (IMOS) is online because they submit it to Research Data Australia, which is a continental-scale ODIS node.

We should also note - with special emphasis - that we're working with custodians of the SDG indicators (e.g. plastics, ocean carbon) so that we can try to link their data systems to all of the others bridged by ODIS

This is a key capability for IODE: linking the SDG process to the Decade's assets

GEOTRACES – An International Study of the Marine Biogeochemical Cycles of Trace Elements and Isotopes: Bill Landing (Florida State University & GEOTRACES Data Management Committee co-chair)

- Access to everything within the GEOTRACES program (data management scheme, data products, visualization tools): GEOTRACES.org: <https://www.geotraces.org/>
- Visit the web site to find the list of parameters and why they have the names they do: <https://www.geotraces.org/parameter-naming-conventions/>
- Data product access: <https://www.geotraces.org/geotraces-intermediate-data-product-2021/>

World Ocean Database Programme (WODP): Hernan Garcia (NOAA)

- World Ocean Database: <https://www.ncei.noaa.gov/products/world-ocean-database>
- WOD related data products: <https://www.ncei.noaa.gov/products/ocean-climate-laboratory>
- WOD data access: <https://www.ncei.noaa.gov/access/world-ocean-database-select/dbsearch.html>

Digital innovation Hand-in-Hand with fisheries and ecosystems scientific monitoring; the FAO Fisheries & Environmental Atlas: Marc Taconet (FAO)

- Decade Action: <https://oceandecade.org/actions/digital-innovation-hand-in-hand-with-fisheries-and-ecosystems-scientific-monitoring/>

Perspectives from Decade Implementing Partners supporting Ocean Data Sharing – roundtable: Vicente Fernandez (EMODnet), Fang-fang Wan (NMDIS) and Sérgio Bryton (EurOcean)

- EurOcean: <https://eurocean.org/>
 - National Marine Data and Information Service: <https://www.nmdis.org.cn/>
 - EMODnet: <https://emodnet.ec.europa.eu/en>
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