

Ocean Data Sharing

Decade Coordination Office



Decade
Coordination
Office
**Ocean
Data Sharing**

With the vision to create by 2030 a functioning Digital Ecosystem enabling end-user applications, the Ocean Decade's Data & Information Strategy recognises three key underpinning components that need to be well coordinated and interconnected: 'observations and data collection', 'data management and sharing', and 'analytics modelling and predictions'.

Hosted by IODE, the Decade Coordination Office for Ocean Data Sharing acts as sub-unit of the central Decade Coordination Unit to catalyse and coordinate Decade Actions falling under its scope, assist decade actors with data and information challenges and opportunities, promote cooperation amongst UN and Member State partners, monitor progress, communicate on achievements and mobilise resources.



Decade Coordination Offices (DCOs) provide targeted support to the Ocean Decade through a coordination and catalysis role for Decade Actions at the regional or thematic level, in this case on the theme of ocean data sharing.

Our role, as the DCO for Ocean Data Sharing, is to support Decade Actions with capacity development, awareness raising, tracking of progress and resource mobilisation, as well as catalysing new partnerships and initiatives as part of the Decade.



Promoting & enabling data-sharing and use in the Decade DCO Website, Data Resources Toolkit and Virtual Helpdesk

The DCO Ocean Data Sharing supports Decade Actions with their data and information management needs to fully implement the Decade's Data and Information Strategy.

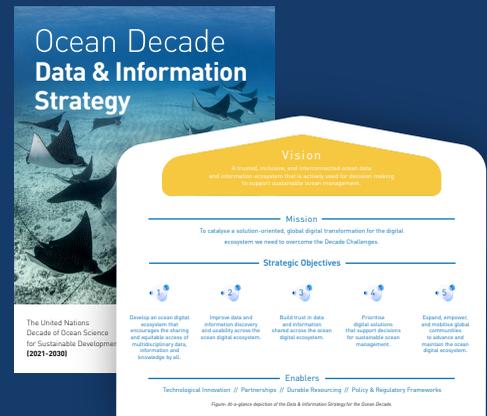
Our aim is to provide Decade collaborators with the necessary data-sharing guidance to achieve the highest possible data quality and adherence to FAIR, CARE and TRUST principles and develop data literacy and capacity equitably. The Ocean Data Sharing DCO website and Community of Practice provides Decade Actions with an interactive platform for knowledge exchange.

An online Data Resources Toolkit and Virtual Data Helpdesk connects you to the data resources and expertise you need to help you find the data you want and/or share the data that you generate.

Visit our website today to check out the resources available!

Awareness-raising and resource mobilisation

The DCO Ocean Data Sharing's mission is driven by the principle 'collect data once, use many times'. Proper data management takes time and resources, but it is an investment worth making to avoid duplication of effort and maximising the return of investment of costly data collection. The DCO Ocean Data Sharing promotes recommended practices by showcasing exemplars and success stories, raising awareness of the benefits of effective data management and sharing. We bring opportunities to the attention of stakeholders and funders, to help mobilise resources for Decade Actions contributing to Challenge 8 (Digital Ocean).



Download the Data & Information Strategy



HELP US TO HELP YOU

Tell us what you need, contact us at:
oceandatasharing@unesco.org

Towards a Digital Representation of the Ocean

The DCO Ocean Data Sharing has a strong focus on supporting the realization of Decade Challenge 8, i.e. Creating a digital representation of the Ocean. It also supports and interacts with the other components of the digital ecosystem and therefore enables Challenge 7 – Expand the global ocean observing system and Challenge 9 – Skills, knowledge and technology for all, as well as providing the foundational data components supporting activities across all Decade challenges.

Any digital representation is underpinned by the findable, accessible, retrievable and, as far as possible, interoperable collection of digital data and information about the past, current and future state of the Ocean, including from under-represented data sources. These FAIR and CARE data allow us to generate a better understanding or 'picture' of the ocean and various dynamics at different scales. The work of the DCO will be key to facilitating these underlying processes, contributing to more equitable data-sharing, enhancing decision-making and supporting sustainable ocean management.

