The Ocean Decade

Data Coordination Platform

Prepared by Kate Wing, Jan-Bart Calewaert and Terry McConnell for the International Ocean Data Conference 2022 - The Data We Need for the Ocean We Want (14-16 February 2022, Sopot)

Session 4. DELIVERING A TRANSFORMATIVE DATA ECO-SYSTEM FOR THE OCEAN DECADE
Decade Data Coordination Platform

to coordinate the collaboration between the vast number of partners that will contribute data to, as well as use data and products from the "digital ecosystem"

Two components:

A. Data coordination group
- Forum for exchange & coordination
- Provide advice to the Decade coordination and governance structures

S. Strategic plan
- Gap analysis
- Advice on actions to fill gaps
- Progress monitoring

B. Technical Implementation Coordination Group
- Technical collaboration forum to develop the technical elements required to build the "digital data ecosystem"

Guidance
Support/input
Report back
A. Data Coordination Group - Key Tasks

Terms of Reference

- Develop an Ocean Decade Data **Strategic Plan**
- Develop a **gap analysis** & provide advice on closing these gaps
- **Document and exchange information** on existing and planned ocean data initiatives and developments
- Provide **input to the design of Calls for Decade Actions**, give advise on the endorsement of Decade Actions & support Decade Actions
- Provide **instructions to the Ocean Decade Data Technical Implementation Coordination Group** on the requirements that should be addressed on the technical components of the “digital ecosystem”
B. Data Technical Implementation Coordination Group

Objectives

Terms of Reference

Provide a Technical collaboration forum

To contribute to the development of a distributed, robust, and collaborative “digital ecosystem” of interoperating parts, that leverages open, scalable, easily implementable, and responsive digital management frameworks.
B. Data Technical Implementation Coordination Group

Key Tasks

Terms of Reference

- Create and maintain an approachable, robust, and extensible set of common and best practices across scales, sectors, and capacities
- Develop specifications for the “data ecosystem” component systems and their guiding frameworks
- Develop, or contribute to existing, pilot activities related to interoperability networks of ocean data and information;
- Provide guidance and advice to the scoping, analysis and coordination of Ocean Decade Actions that focus on data and information.
Membership of Technical Implementation Coordination Group will be open to

• *Individual experts* in areas relevant to the activities of the Group;

• *Data management experts* from UN entities, governments, industry, philanthropic Foundations, research institutes and other partners;

Membership will be for a period of two years (renewable)
Ocean Decade Data Coordination Group members

Kate Wing  Jan-Bart Calewaert

Joana Akrofi  Edward Armstrong  Jerome Aucan  Uday Bhaskar  Ute Brönner  Pier Luigi Buttigieg  Rebecca Cowley  Taco De Bruin

Steve Diggs  Rob Emanuele  Marco Filippone  Evert Flier  Jeanette Gann  Hernan Garcia  Katherine Hill  Neil Holdsworth

Kirk Larsen  Kevin O’Brien  Harrison Ong’anda  Ana Pinheiro Privette  Nicolas Segebarth  Rishi Sharma  Gry Ulverud

Global Ocean Data, from fisheries to physics, from observation to products, services & application
Coordination Group Status & Next steps

Completed
• DCG members and co-chairs appointed; Group activated
• Two meetings held (Dec 2021 & Jan 2022)
• Clarification of tasks and objectives
• Subcommittee Working Groups being formed

Upcoming
• Next CDG meeting March 2022
• Integrate feedback from the IODE Conference and Pacific side-event
  • Develop analysis & strategy
  • Create thematic work groups to take on key cross-cutting issues
  • Refine scope for Technical Implementation Group
Thank you for attention, engagement and contributions!

The Ocean Decade Data Coordination Platform
Ocean Decade vision => collective development of a distributed, robust, and collaborative “digital ecosystem” of interoperating parts, that leverages open, scalable, easily implementable, and responsive digital management frameworks.

This system will:

• Support a complete understanding of marine social-ecological systems **drawing from historical data, contemporary data** (including real-time data streams), **and modelled data** to help predict future ocean conditions.

• Be constructed to **contribute to the identification and fulfilment of knowledge gaps**

• **Embrace non-quantifiable forms of knowledge and diverse knowledge paradigms**—including indigenous and local knowledge, to contribute to the digitised evidence base.

• Be designed to **overcome existing barriers**—including a lack of digitisation capacity, data fragmentation, siloing of data, lack of data sharing, and hidden or underexploited datasets.
Stakeholder Engagement: Global Stakeholder Forum

• 1700+ registered users!

• At the heart of the new Ocean Decade website with successful soft launch in October at forum.oceandecade.org

• Online community platform for the Ocean Decade – “LinkedIn” of the Decade

• Provides space for National Decade Committees, Communities of Practice, ECOPs, other groups and their members

• Will be the portal to submit Decade Activities and Decade Actions

• Facilitates sharing of information on events, news resources and Decade Actions

• Will be built out and tailored to user needs over time – feedback collected on a continuous basis
Important Milestones in 2022

- One Ocean Summit, France, February 2022
- Our Ocean, Palau, February 2022
- BBNJ IGC-4, New York, March 2022
- Call for Decade Actions No. 03/2022, 15 April
- Foundations Dialogue Meeting, Rabat, May 2022
- Announcements from Call for Decade Actions No. 02/2022, May – June
- 2022 UN Ocean Conference, Lisbon, June 2022