Data and information will be key enablers of the United Nations Decade of Ocean Science for Sustainable Development.

Digitizing, preserving, managing, exchanging and, most importantly, using a significantly increased volume and range of ocean-related data, information and knowledge will be cornerstones of the success of the Decade.
Initial thoughts on the Ocean Data Eco-system

A. Data and digital eco-systems

B. Managing data in the Ocean Decade
Initial thoughts on the Ocean Data Eco-system

A. Data and digital eco-systems
Managing Data and Knowledge during the Ocean Decade

Foundational components of the ‘Digital Eco-system’ that are integral to all science projects

- **Data Delivery**
  - Web GIS, Visualisation, Digital Twin

- **Data Analytics & Insight**
  - Value added, Data Science, Modelling

- **Data ‘Factory’**
  - Observation
  - Manipulation, Management, Access Control
The Ocean Decade will have many such ‘Digital Eco-systems’
Initial thoughts on the Ocean Data Eco-system

B. Managing data in the Ocean Decade
The data journey...

Observations → Analytics / Modeling / Predictions → Delivery

Data Management
The Status-quo
Thoughts on an Ocean Decade
‘data structure’
THIS IS YOUR OCEAN DECADE! GET INVOLVED

Write to us at: oceandecade@unesco.org

Join the Decade: www.oceandecade.org