



# Contributing to Ocean Observation and Prediction for Coastal Sustainability in Africa: The GEMS Ocean co-design experience

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GEO BLUEPLANET WORKSHOP: OCEAN OBSERVATION AND PREDICTION FOR COASTAL SUSTAINABILITY  
6<sup>th</sup> JUNE 2023

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# GEMS Ocean Vision and Mission

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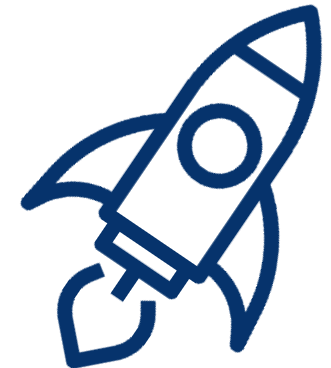


## Vision

A global environment monitoring system that provides **relevant open and easily accessible ocean and coastal data, analysis, and information**, guiding actions to protect and sustainably use marine and coastal resources.

## Mission

**Co-design and convene a global Community of Practice across experts and society at large** to provide **capacity, analysis, innovation** and synthesized information to decision and policy makers, civil society, international organizations as well as **coastal communities** worldwide in a holistic approach to keep the global ocean and coasts healthy and productive.





# Strategic Goals

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**Problem 1:** There are many observation and monitoring systems, but they are rather fragmented.

**Problem 2:** Many Small Island Developing States (SIDS) and Developing Countries don't have the capacity and resources to undertake effective monitoring.

**Problem 3:** There is much information and data already but is not easily accessible and interpretable by non-experts.

**GOAL 1:** Promote and convene a **transdisciplinary partnership** approach focusing on sustainable coastal and ocean use and ecosystem health.

**GOAL 2:** Strengthen **capacity development** on key aspects of ocean monitoring especially in **SIDS and Developing Countries**

**GOAL 3:** Provide **access to the use of quality assured, interoperable, open environmental data**, analysis and **sets of indicators to governments and stakeholders.**

# Core Partnership (to date)

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United Nations  
Educational, Scientific and  
Cultural Organization



Intergovernmental  
Oceanographic  
Commission



2021  
2030 United Nations Decade  
of Ocean Science  
for Sustainable Development



FUTURE OF THE SEAS  
& OCEANS INITIATIVE



MERCATOR  
OCEAN  
INTERNATIONAL



*A Centre collaborating with UNEP*



The Global Ocean Observing System



research for global sustainability



WORLD  
RESOURCES  
INSTITUTE



# Thank you for your attention

For more info please contact: [joana.akrofi@un.org](mailto:joana.akrofi@un.org) –

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**Aspiring to Achieve the Sustainable Development Goal 14:  
to "Conserve and sustainably use the oceans, seas and marine resources for sustainable development"**

**Contributing to UN Decade on Ocean Science, challenges : 7 & 8 - Expand the Global Ocean Observing System  
and Create a digital representation of the Ocean respectively.**

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