



Ocean and Coastal Information for Societal Benefit

The GEO Blue Planet Initiative

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#GEOBluePlanet4

Oceans and Society: Blue Planet

Oceans and Society: Blue Planet is an Initiative within GEO that aims to ensure the sustained development and use of ocean and coastal observations for the benefit of society



Who is GEO Blue Planet

GEO Blue Planet is a network of ocean and coastal-observers, social scientists and end-user representatives from a variety of stakeholder groups.

GEO BLUE PLANET STEERING COMMITTEE



GEO BLUE PLANET ADVISORY BOARD





GEO Blue Planet's Mission

Blue Planet's mission is to:

- advance and exploit **synergies** among ocean and coastal observational programmes
- increased **integration** of and access to in situ and remote sensing ocean observation data
- improve **engagement** with a variety of users for enhancing the timeliness, quality and range of services
- raise **awareness** of the **societal benefits** of ocean observations at the public and policy levels



What does GEO Blue Planet do?

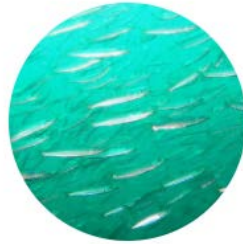
- GEO Blue Planet promotes, partners with and leads activities that support the initiative's mission.
- Activities promoted and supported by GEO Blue Planet will fall into two broad groupings: **cross-cutting activities** and **thematic activities**.

Cross-cutting activities

GEO Blue Planet has four cross-cutting working groups that are tasked with identifying and sharing best practices and supporting Blue Planet projects.



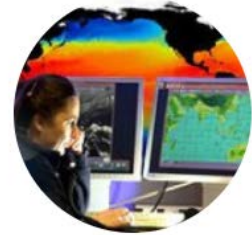
Users & Networks



Developing Capacity
& Societal Awareness



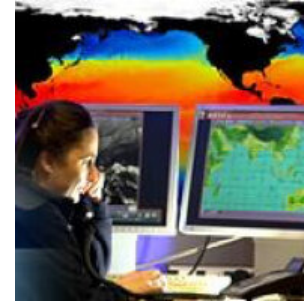
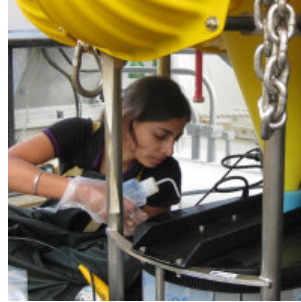
Data Discovery & Access



Information Services

Priority activities: connecting users to providers

- Engaging with users to identify data and information needs
- Clarifying the “seascape” of ocean and coastal observations for user groups
- Supporting information needs for sustainable development



Observation seascape

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Map: Satellite

Organisation type

- Non governmental organisation
- Intergovernmental organisation
- Foundation/ non-profit organisation
- Programme
- Project

Filter by:

Organisation types: All

Geographical scope: All

Apply filter Reset filters

IOOS
Integrated Ocean Observing System

IMOS
Integrated Marine Observing System

Intergovernmental Oceanographic Commission of UNESCO

PORTAL SIMCosta
Sistema de Monitoramento da Costa Brasileira

Observation seascape

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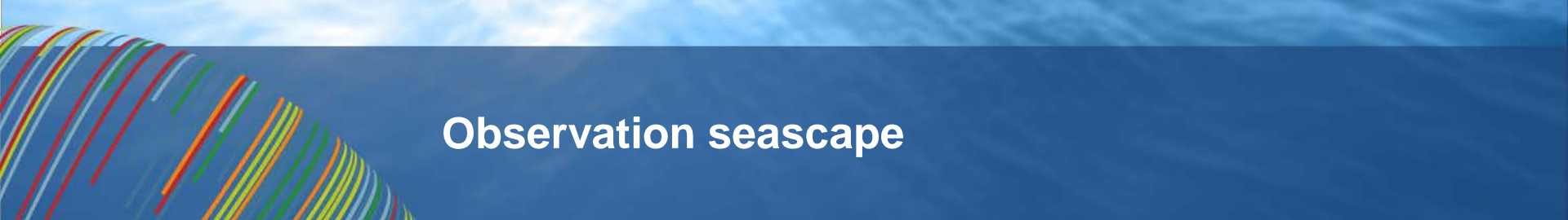
Integrated Ocean Observing System

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PORTAL SIMCosta

Sistema de Monitoramento da Costa Brasileira



Observation seascape



Basic information	Type and geography	Funding	Mission and objectives	Priorities
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Organisation Title

Group on Earth Observations

Acronym (if applicable)

Organisation logo



Organisation URL

<http://www.earthobservations.org/>

Organisation address

Avenue de la Paix 7815, 1202 Geneva, Switzerland



Thematic activities

GEO Blue Planet works to promote and support international activities related to the three pillars of sustainable development – environmental protection, societal development and economic development.



Thematic activities

- Working Group on Earth Observations for Surveillance of Water-Related Diseases
- Understanding Flooding on Reef-lined Island Coasts
- Project on developing an early warning system for marine flooding in Pacific Islands



Technology transfer and regional capacity building

- Developing capacity for ocean observing in the Caribbean in collaboration with IOCARIBE of IOC UNESCO, its GOOS Regional Alliance



- Develop a monitoring and alerting system for Sargassum and oil spills in the Caribbean and adjacent regions
- Goal for the project to garner local government support for ocean and coastal observing activities in the Caribbean

Support of the UN 2030 Agenda for Sustainable Development



- Support custodian agencies with information and methodology development for the SGD



- Support workshops to bring together stakeholders engaged in the implementation and monitoring of sustainable development related to the ocean and coasts

Collaborations with related GEO activities

MBON

AquaWatch
The Geo Water Quality Initiative

Ameri
GEOSS

AfriGEOSS

A GEOSS

GEO
WETLANDS

GEO CARBON

Additional information



www.geoblueplanet.org



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Thank you!

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