



The GEO Blue Planet Initiative

Linking Ocean and Coastal Information with Society

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US MBON
All-Hands Meeting

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Group on Earth Observations

Our work

What does GEO do?

GEO's 105 Members governments and 118 Participating Organizations work together to develop and implement Earth observation programmes and initiatives that solve global environmental problems.



GEO Priorities



UN 2030 Agenda for Sustainable Development



The Paris Agreement on Climate Change



The Sendai Framework for Disaster Risk Reduction

GEO Work Programme

GEO Flagships

GEO Biodiversity Observation Network (GEO BON)	GEO Global Agricultural Monitoring (GEOGLAM)	Global Forest Observation Initiative (GFOI)	Global Observation System for Mercury (GOS4M)
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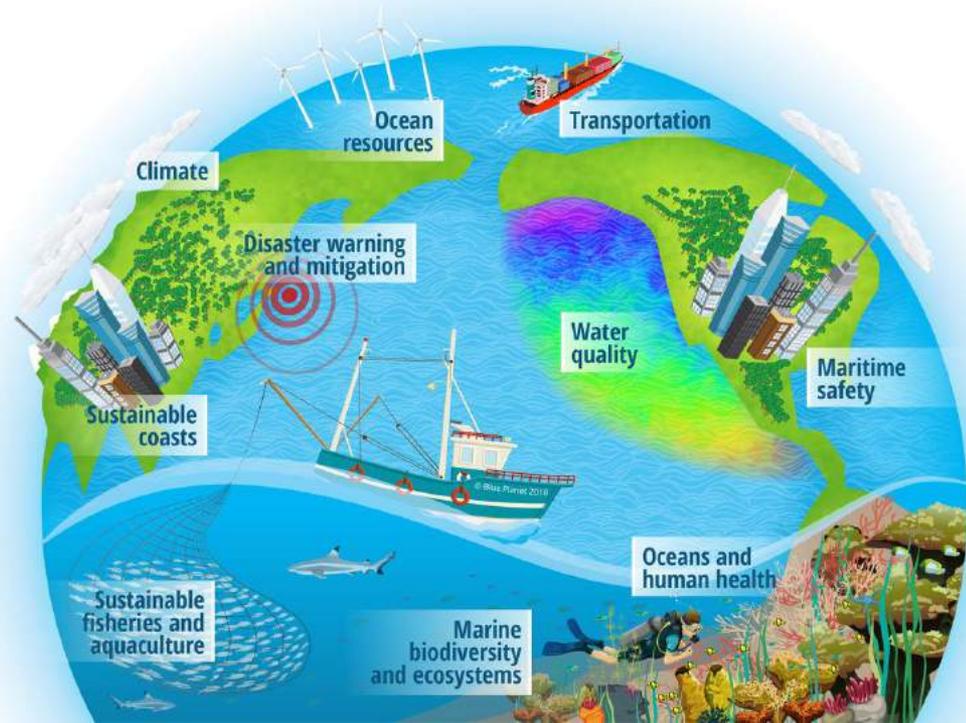
GEO Initiatives

AfriGEOSS: Reinforcing Regional African Engagement	AmeriGEOSS	AquaWatch	Asia-Oceania GEOSS (AOGEOSS)	Climate Change Impact Observation On Africa's Coastal Zones (GEO-CCIOoACZ)	Data Access for Risk Management (GEO-DARMA)
Earth Observations for Ecosystem Accounting (EO4EA)	Earth Observations in Service of the 2030 Agenda for Sustainable Development	EuroGEOSS	GEO Carbon and GHG Initiative	GEO Cold Regions Initiative (GEOCRI)	GEO Geohazard Supersites and Natural Laboratories (GSNL)
GEO Global Ecosystem Initiative (GEO ECO)	GEO Global Network for Observation and Information in Mountain Environments (GEO-GNOME)	GEO Global Water Sustainability (GEOGLOWS)	GEO Human Planet Initiative: Spatial Modeling of Impact, Exposure and Access to Resources	GEO Land Degradation Neutrality	GEO Vision for Energy (GEO-VENER)
GEO Wetlands Initiative	GEO-CRADLE	GEOSS-EVOLVE	Global Drought Information System (GDIS)	Global Observation System for Persistent Organic Pollutants (GOS4POPS)	Global Urban Observation and Information
Global Wildfire Information System (GWIS)	Oceans and Society: Blue Planet				

The GEO Blue Planet Initiative

Our Mission

- Advance and **exploit synergies** among the many observational programmes devoted to ocean and coastal waters
- **Improve engagement with** a variety of stakeholders for enhancing the timeliness, quality and range of services delivered
- Raise awareness of the **societal benefits** of ocean observations at the public and policy levels.



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, including international and regional organizations, NGOs, national institutes, universities and government agencies.

GEO BLUE PLANET STEERING COMMITTEE



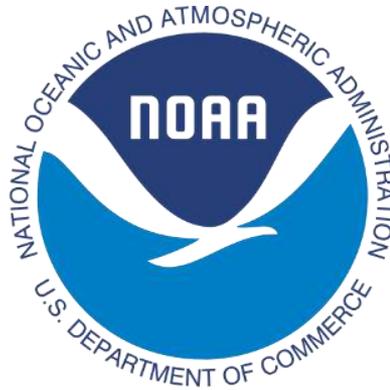
GEO BLUE PLANET ADVISORY BOARD



Who is GEO Blue Planet

Secretariat is funded by NOAA's Satellite Oceanography and Climatology Division and is hosted by the NOAA-UMD Cooperative Institute for Climate and Satellites.

Secretariat



Connecting users to providers



**Priority
activities**

GEO Blue Planet Symposiums

- Kick-off Symposium - Ilhabela, Brazil, 2012
- 2nd GEO Blue Planet Symposium – Cairns, Australia, 2015
- 3rd GEO Blue Planet Symposium – College Park, MD, USA, 2017
- 4th GEO Blue Planet Symposium – Toulouse, France, 2018



User Engagement Workshops



Support of the UN 2030 Agenda for Sustainable Development

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



- White paper: Global Platform for Monitoring Marine Litter and Informing Action

Thematic Projects

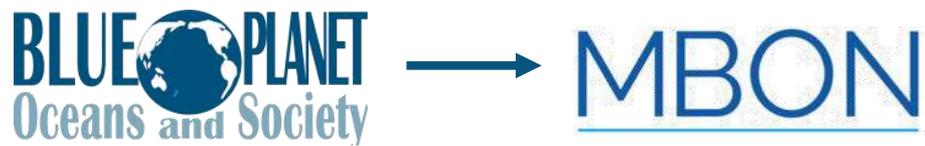
Working Groups

- Marine litter working group
- Earth observations for ecology and epidemiology of water-associated diseases
- Understanding flooding on reef-lined island coasts

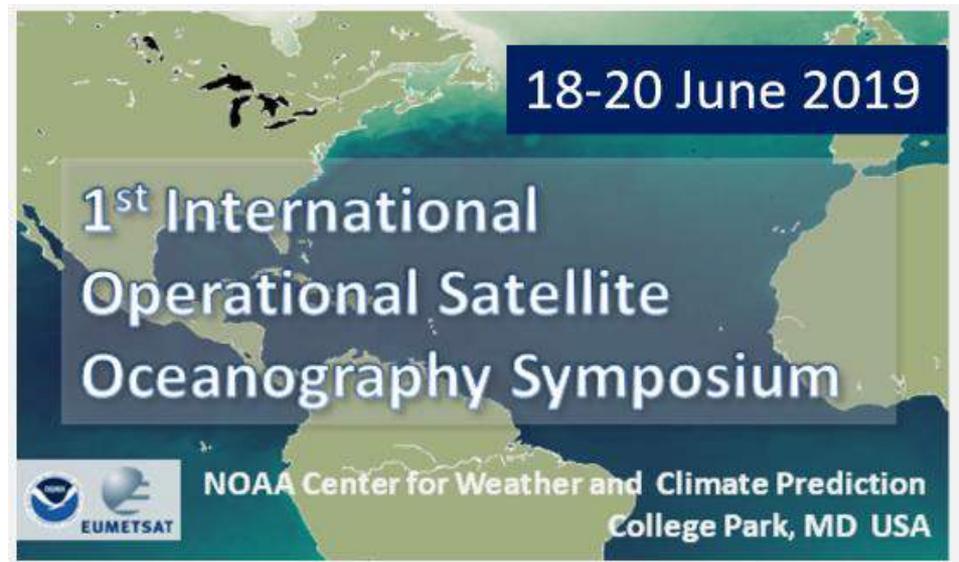
Projects

- Multi-hazard information and forecasting system for the wider Caribbean
- Early warning system for marine flooding of reef-lined islands

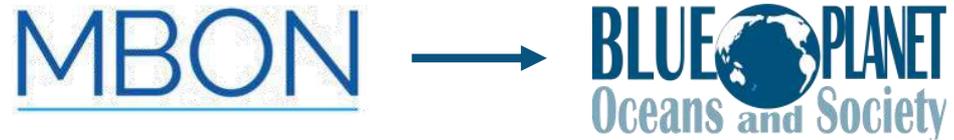
GEO Blue Planet & MBON



- Support MBON connections with resource management practitioners, social scientists and other stakeholders
- Support Secretariat development
- Support uptake of MBON products by operational agencies
 - Ex: NOAA CoastWatch hosting of MBON seascapes



GEO Blue Planet & MBON



- Support linkages with GOOS, OBIS, OBPS
- Serves as the biodiversity arm of GEO Blue Planet

Additional information



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Questions?