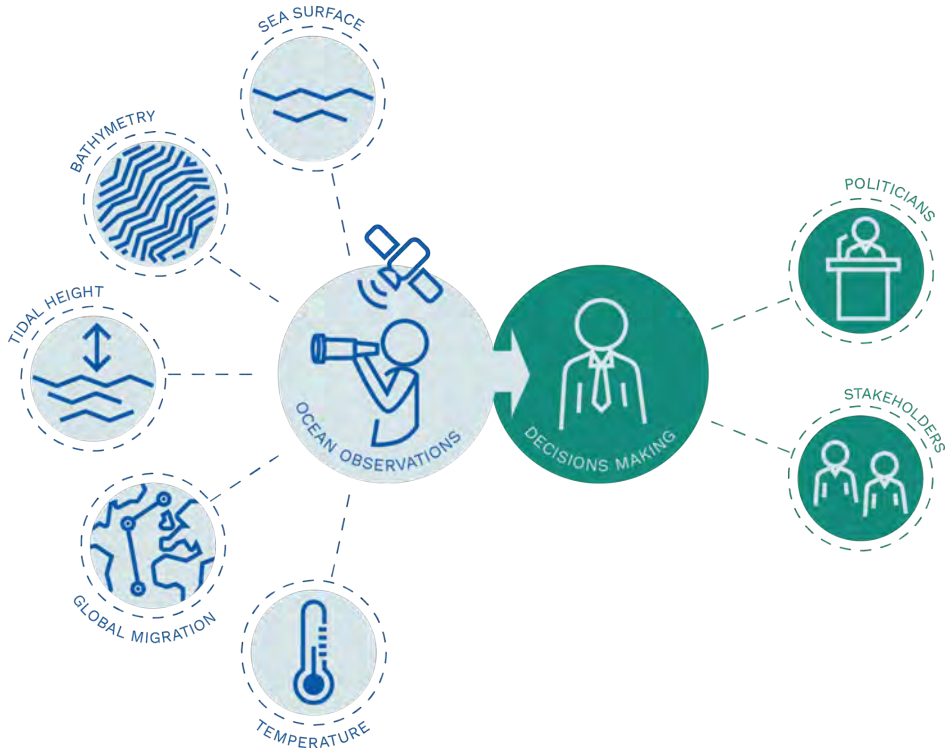




The GEO Blue Planet Initiative

Bridging the gap between ocean and coastal data and societal needs to deliver actionable information

GEO Blue Planet



GEO Blue Planet is an initiative of the Group on Earth Observations (GEO) that focuses on supporting the development and the use of ocean and coastal observations to inform policy and decision-making.

GEO Blue Planet is a network of:

- 🌐 Ocean and coastal **experts**
- 🌐 Social sciences **experts**
- 🌐 Representatives from **stakeholder groups**

GEO Blue Planet Objectives are to:

- 🌐 Evaluate the **stakeholders' information needs** in line with the GEO engagement priorities
- 🌐 Foster cooperation and co-design to process **data into information**
- 🌐 Support the strengthening and transfer of capabilities

Sustained development and use of ocean and coastal observations for the benefit of society

Core Action Areas

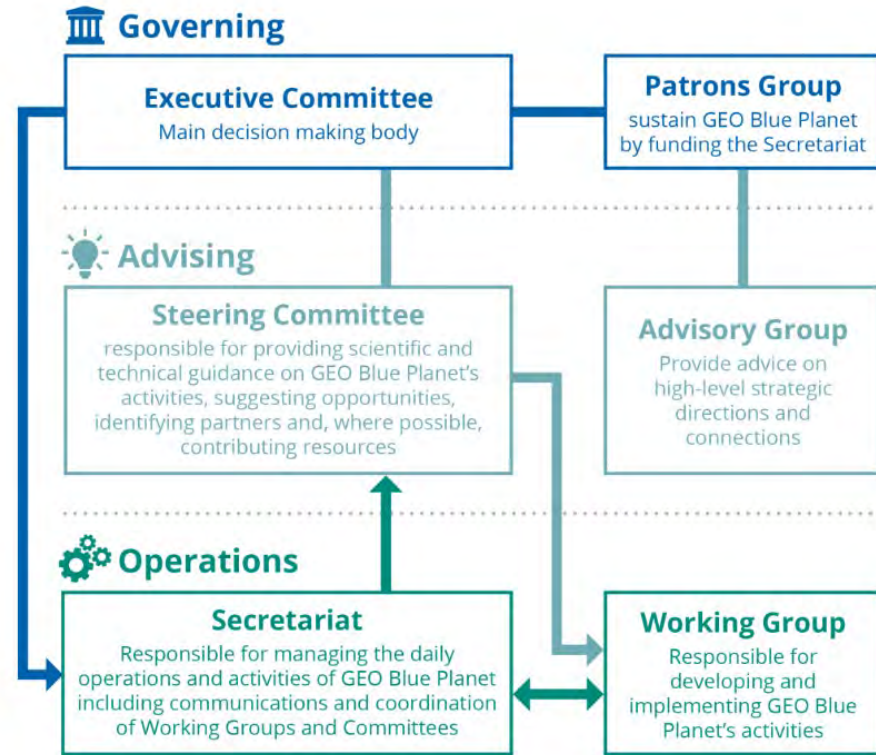
- **Stakeholder Engagement** –
Knowing what the information needs are
- **Cooperation and Co-design** –
Building tools that meet information needs
- **Capacity Development** –
Strengthening and transferring capabilities





Organization - GEO Blue Planet

GEO
BLUE PLANET
2021 Summit
+
2021 Partners
Consultations



US office since 2015



EU office since 2020



Asian Office since 2022



GEO Blue Planet Activities : working groups



Fisheries



Marine Debris

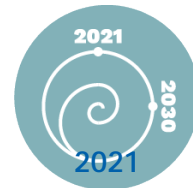


Coastal
Geomorphology



2023

Sargassum



Ocean Decade



Inclusion
and Diversity

Eutrophication



Oil Spill



Climate
Adaptation



2022



Flooding &
Inundation

2023

GEO Blue Planet Symposia

GEO Blue Planet held its **5th Symposium in Accra, Ghana** with 181 participants from 16 different countries and from diverse sectors (academia, industry, regional governing agencies, NGOs and media).

The 5th symposium, themed **Local Action in Support of Global Traction**, was specifically geared towards improving GEO Blue Planet's engagement with African nations in an effort to expand the Earth Observation community of practice, strengthen local capacity and provide access to resources, tools and services.



- ⌚ High level opening remarks
- ⌚ 3 plenaries (fisheries, ecosystem conservation, coastal hazards)
- ⌚ 5 workshops (Marine litter, Sargassum, Coastline Changes, NAPs & Fisheries & Aquaculture)
- ⌚ Training sessions (academic & non-academic tracks)

[://www.eu4oceanobs.eu/event/geo-blue-planet-6th-symposium/](http://www.eu4oceanobs.eu/event/geo-blue-planet-6th-symposium/)



GEO Blue Planet Asian Office

GEO Blue Planet Asian Office hosted by KMI in the Republic of Korea was officially launched in November 2022

Dr Cho from KMI joins the GEO Blue Planet Secretariat
The Asian office focuses on

- establishing a **regional network** and setting **priorities for the Asia-Pacific region**
- developing activities around **digital solutions**
- federating actions to promote Ocean and Coastal Observations for **Maritime Spatial Planning**

The Asian office just hosted the 2023 GEO Blue Planet Symposium



한국해양수산개발원
KOREA MARITIME INSTITUTE

GEO Blue Planet 6th Symposium

GEO Blue Planet's 6th Symposium, themed **Digital Solutions for Sustainable Oceans**, is specifically geared towards improving GEO Blue Planet's engagement with Asian nations to expand the Earth observation community of practice, strengthen local capacity and provide access to resources, tools, and services



31 Oct - 2 Nov 2023
Seoul, Republic of Korea

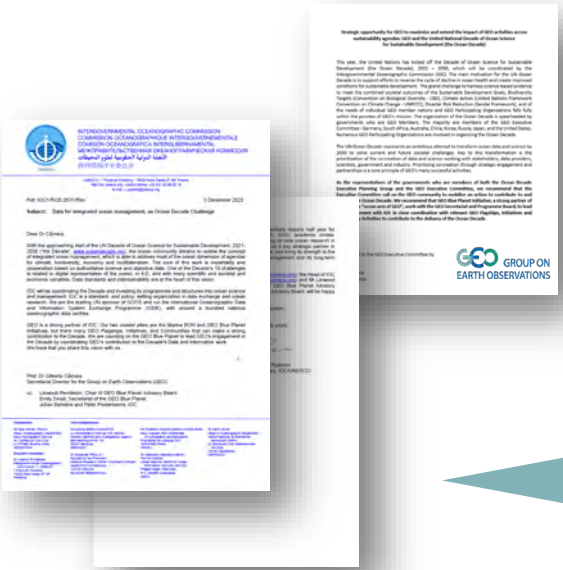
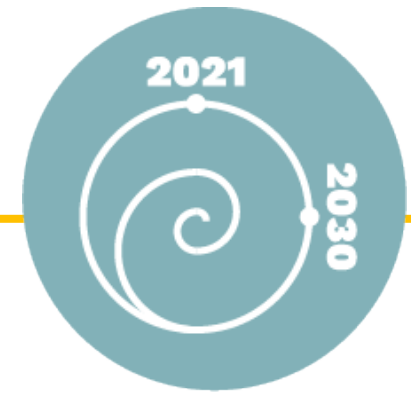
GEO Blue Planet 6th Symposium

Digital Solutions for Sustainable Oceans

posium

GEO Blu

GEO coordinated action for the UN Decade



Application sent to the UN Decade Coordinating Office to register as a Decade Implementing partner



'THE SCIENCE WE NEED'



'THE OCEAN WE WANT'



EO-based solutions for the benefit of society



Endorsed Project
Bridging (Ocean) Research, Innovation and Diversity across Generations of Experts and Stakeholders (w/ S. Gruber and D. Lobelle)



GEO Blue Planet and OceanPredict

- ⌚ GEO BP focus is on Earth Observations (EO) and user engagement & service
- ⌚ GEO BP = ocean voice in GEO and GEO engagement in the UN Decade
- ⌚ Modelling and data assimilation is an essential value chain link between EO and users.
- ⌚ Develop/strengthen partnerships and joint actions between GEO BP and OceanPredict/ForeSea: Participation of OceanPredict centers in GEO BP WGs, joint development of use cases (from observation to users and actions) to demonstrate/highlight impact and societal benefits, user needs, etc