

# Oceans and Society: Blue Planet

## An Integrating Task of GEO for Oceans

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Partnership for Observation of the Global Oceans  
(POGO)

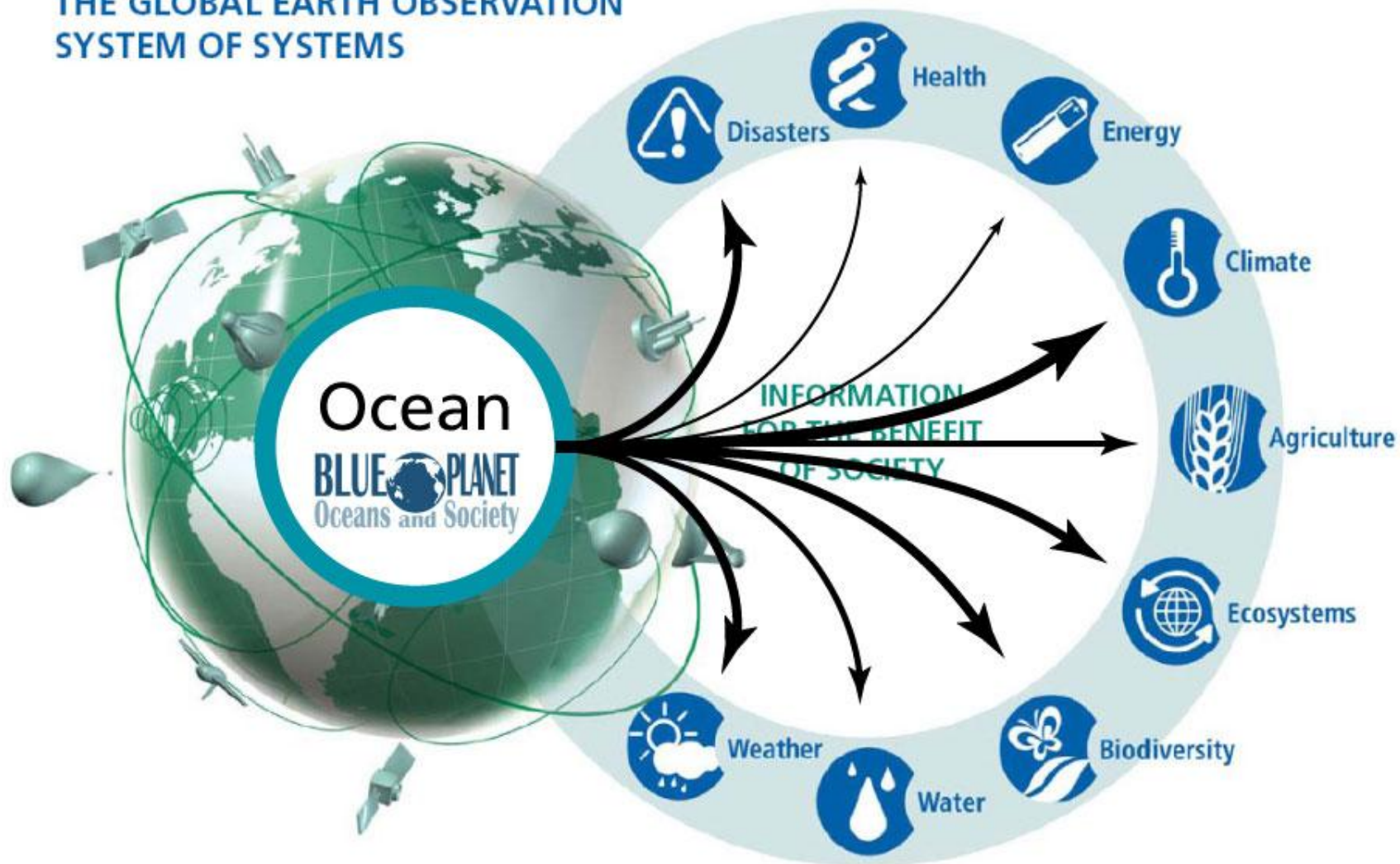


# What is GEO?



- Intergovernmental Programme structured around a suite of Tasks
- Tasks focus on Societal Benefits of Earth Observations
- Formally established in 2005, Secretariat in Geneva
- 88 Member States & European Commission
- 14 Members in the Americas (including Brazil, Canada, USA)
- 67 Participating Organisations (including several UN agencies)
- 10-year Plan to develop GEOSS (Global Earth Observation System of Systems)
- Post-2015 structure and programme now under discussion

## THE GLOBAL EARTH OBSERVATION SYSTEM OF SYSTEMS



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Adopted as overarching ocean Task of GEO (2012)

Kick-off Symposium held in Brazil, November 2012

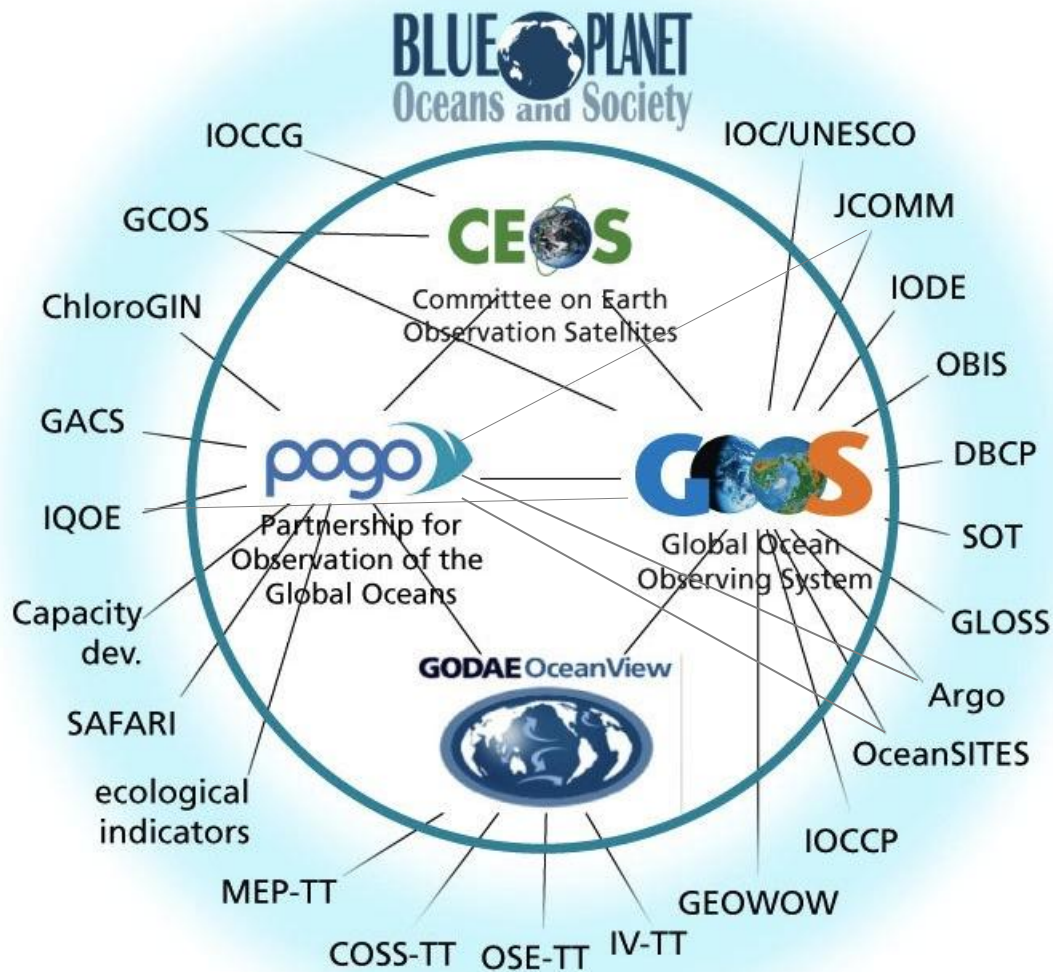


## Four Components to the Task

- **C1:** Global ocean information coordination and access
- **C2:** Monitoring marine and coastal ecosystems
- **C3:** Global operational ocean forecast network
- **C4:** Applications to sustainable fishery and aquaculture management



# The Blue Planet's Partners: a diverse and highly influential community



The central core represents satellite capability (CEOS), in situ capability (POGO), operational modelling and prediction capability (GODAE OceanView) and coordination at UN level (GOOS)

Core group links to a wide variety of ocean interests

Scope of Blue Planet covers in situ and satellite observations of physical, chemical and biological properties as well as analysis and modelling networks

Capacity development an important aspect of the agenda

# Outlook

- Atlantic Ocean can be understood only in context of entire global ocean
- Earth Observation infrastructure for Atlantic should be developed with global ocean in mind
- Internationally-recognised standards for data and metadata should be applied: GEO has already developed such a structure
- GEO Blue Planet Task could provide a suitable umbrella for TransAtlantic Observing Strategy, lending intergovernmental and scientific credibility, as well as ready-made architecture and infrastructure conforming to internationally-agreed standards
- Earth Science without Borders for the Benefit of Society