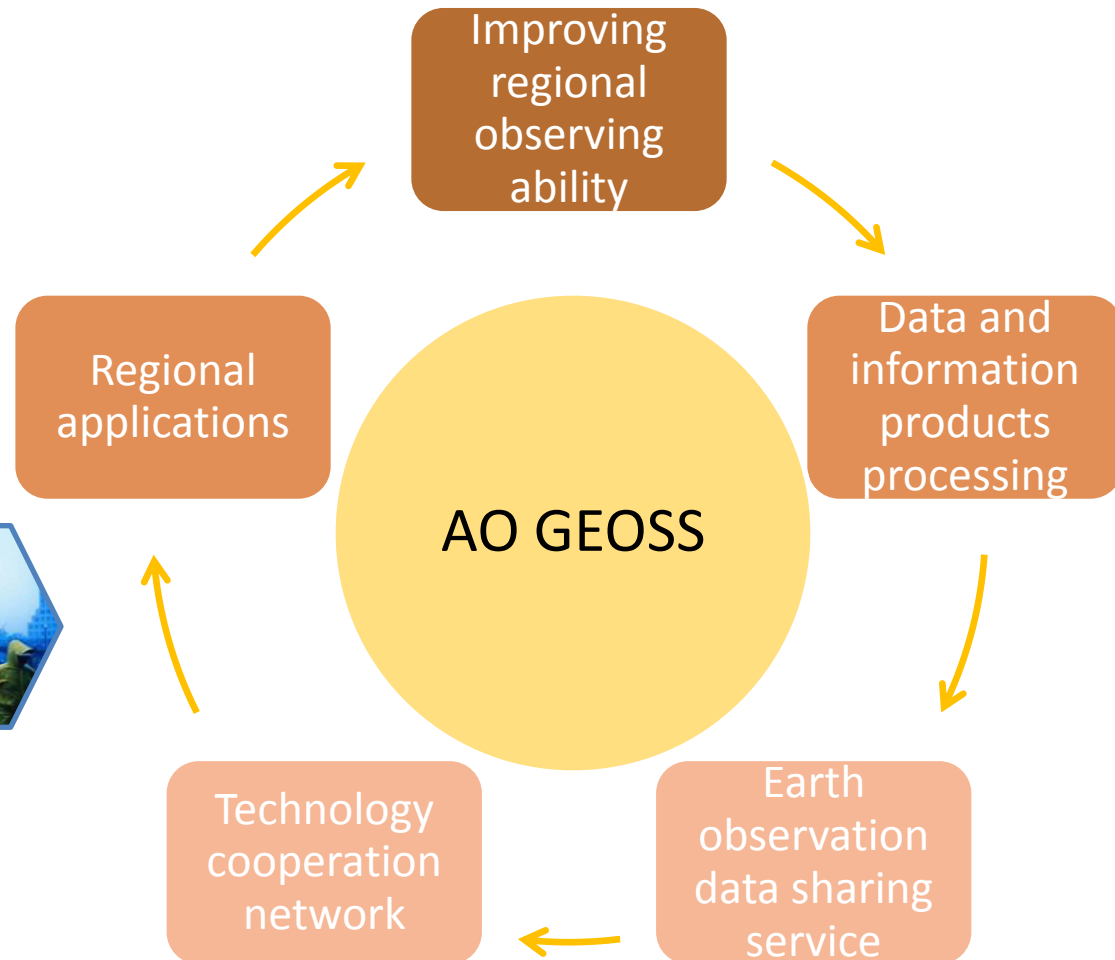


Priority Areas

- ❑ Sustainable Agricultural
- ❑ Cross-regional disaster mitigation
- ❑ Ecology & environment

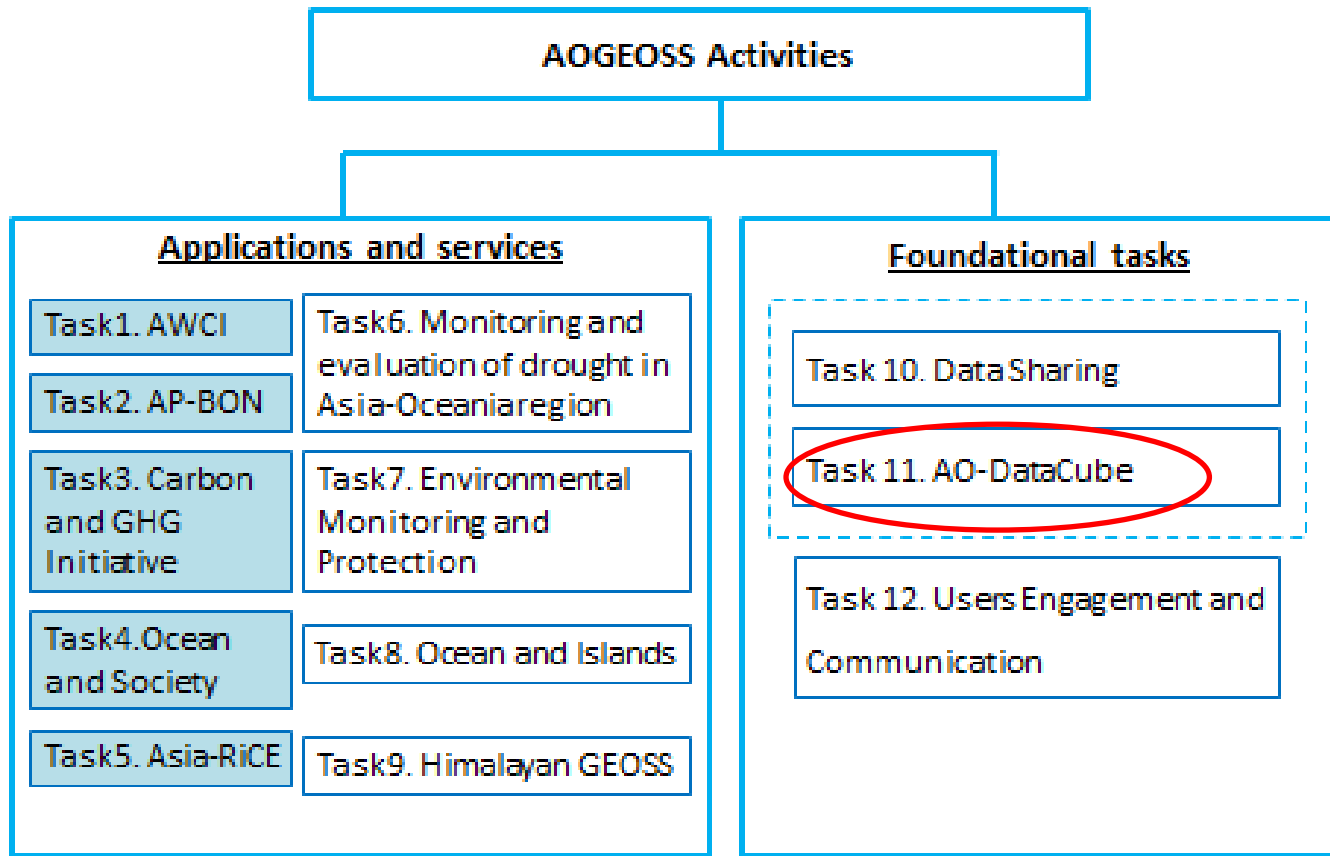


- ❑ Infrastructure monitoring
- ❑ Surveying and mapping
- ❑ Ocean remote sensing monitoring
- ❑ Water resources
- ❑



AOGEOSS








Task 11. Develop Regional GEOSS Data set



T4: Ocean and Society

GEOSS-AP Ocean Data Networking System

Data site of Asia Pacific countries:

- | | | | |
|---|--|---|--|
|  Japan | <ul style="list-style-type: none">• NEAR-GOOS Regional Real Time Data Base• NEAR-GOOS Regional Delayed Mode Data Base |  India | <ul style="list-style-type: none">• Indian National Centre for Ocean Information Services |
|  Australia | <ul style="list-style-type: none">• Coastal Data Portal• Coastal Research |  Thailand | <ul style="list-style-type: none">• Central Database System and Data Standard for Marine and Coastal Resources |
|  China | <ul style="list-style-type: none">• NEAR-GOOS Real Time Data Base• China Delayed Mode Database for NEAR-GOOS |  Vietnam | <ul style="list-style-type: none">• Not yet have Data site. Inquire by E-mail.• Vietnam's META-data is published in this web portal |
|  Korea | <ul style="list-style-type: none">• Korea Real Time Database for NEAR-GOOS• NEAR-GOOS Korea National Delayed Mode Data Base | | |

GEOSS-AP Ocean Data Networking System Web Portal:

Web data portal build via core framework(GYRE-System).

To encourage ocean research activities by searching the oceanographic data easily and speedily.

To give opportunities the countries which don't have the public data base site to disclose their meta information about their oceanographic data.

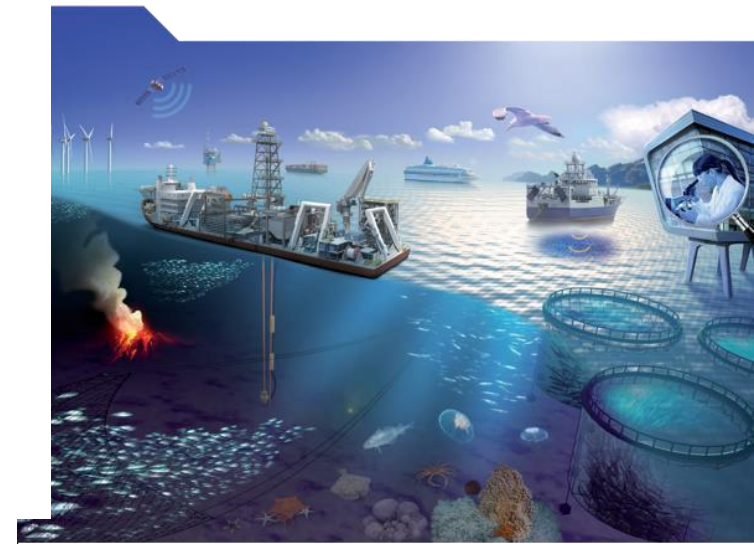
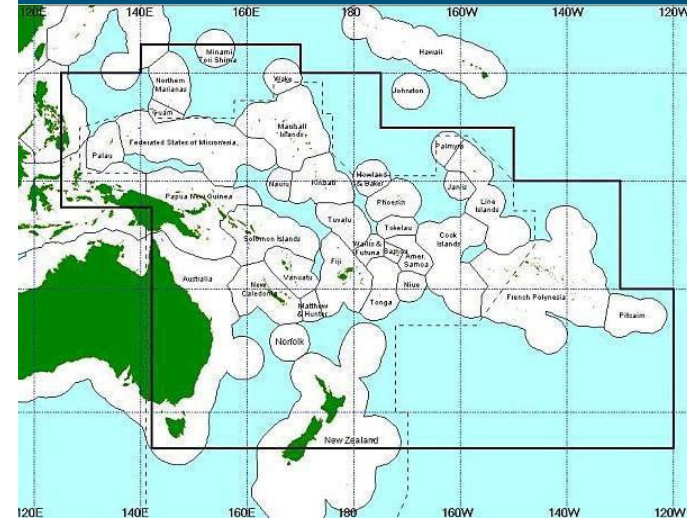


Extension of the current Ocean Data Networking, which will ensure national security and help efforts of individual observation projects for data exchanges through collaborative works. In particular, we seek possible extension to biogeochemical and ecosystem observation (e.g. ocean acidification)

T8 Coasts and Islands

Goals

- To advance and exploit synergies among the many observational programmes devoted to island, coastal and ocean, to improve engagement with a variety of users for enhancing the timeliness, quality and range of services delivered;
- to raise awareness of the societal benefits of ocean observations at the public and policy levels
- Focus on coastal countries and small island states



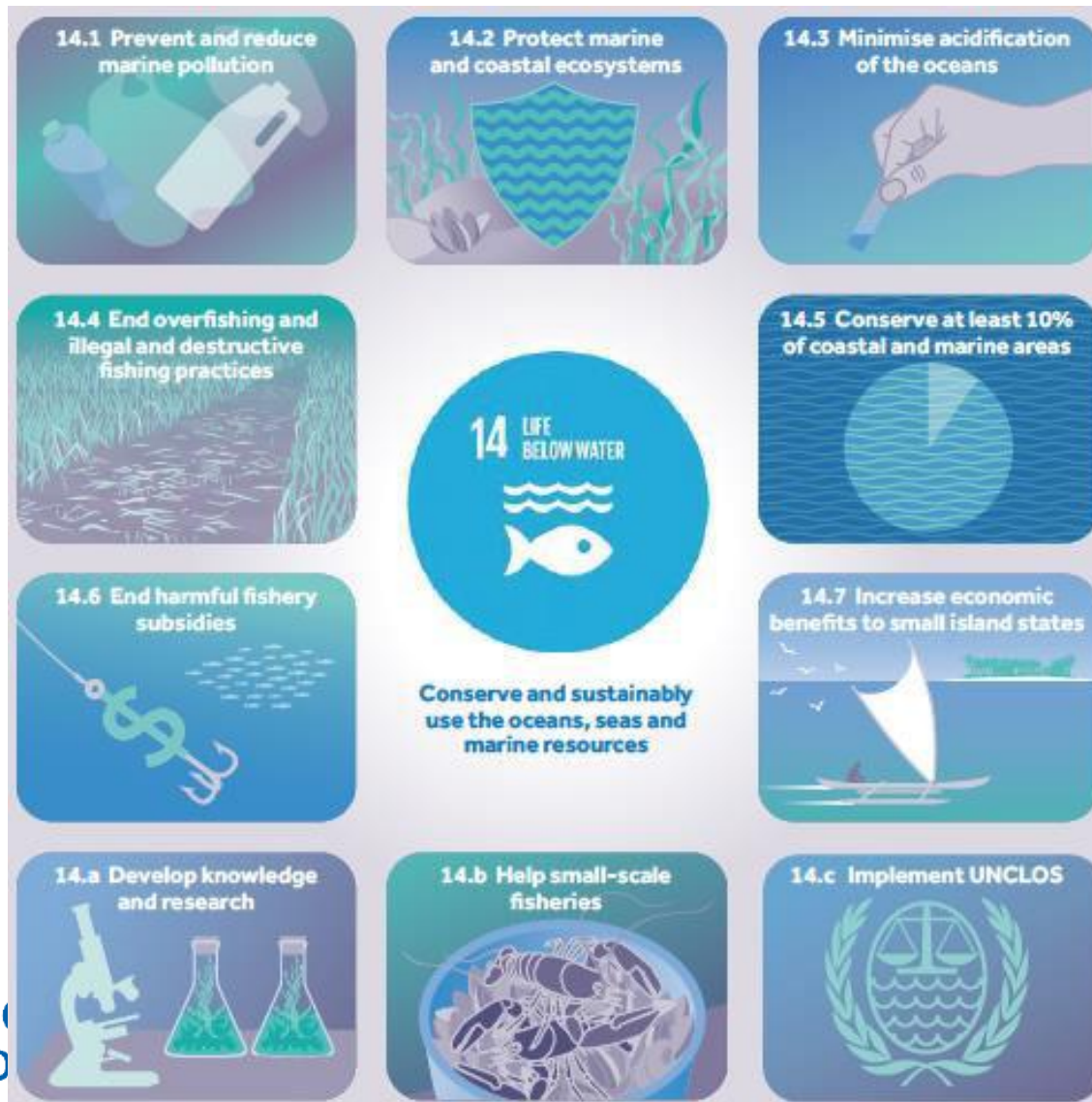
An Integrated Oceans Coasts and Islands Task for AOGEOSS

Title of Task: Oceans, Coasts and Islands

Objectives:

- Provide a regional mechanism to advance and exploit synergies among the many observational programmes devoted to islands, coasts and oceans of the Asia –Oceania region.
- Articulate regional user needs from Earth Observations, and raise awareness of the societal benefits of ocean observations
- Continue development of, and cooperation for, a data inventory system for the Asia-Oceania region
- Seek to address gaps in user needs in the AO region to evolve a comprehensive and integrated observation data or inventory system for the region
- Link with the GEO Blue Planet Initiative to champion regional activities and products.

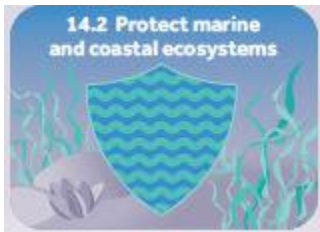
AOGEOSS and Blue Planet and SDGs



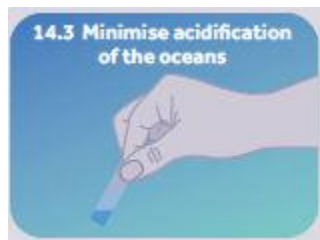
Which goals of SDG14 to focus on?



- Detection of Oil Spills
- Harmful Algal Blooms
- Marine eutrophication



- Coral Reefs – Bleaching?
- Blue Carbon Ecosystems
- Mangrove seagrass, tidal flats, mapping & change



- pH and DIC data
- Model output
- Capacity building for measurement



- Vessel detection



- Productivity tracking



Questions

- Should we merge tasks 4 and 8?
- Which SDG targets should we focus on?
- What are the data management technologies we can leverage to share data for the region?
- What are the remote sensing opportunities we can value add
 - Validation of remote sensing
 - Integration and discoverability of data
- Are there some Working groups that are obvious:
 - Standards and vocabulary
 - Review of GEO Portal for OCI data
- Case study opportunities
- Have we left anyone behind?

Actions

- Merge task 4 and 8 into a single Oceans Coasts and Islands
- Opportunity to bring oceanographic and remote sensing together
 - Validation of remote sensing
 - Integration and discoverability of data
- Develop products / services to support priority goals of SDG14
- Exploit synergies for data sharing and discovery
- Recognise close relationship with land-related issues on coasts and islands
- Urban development