WG4; Ocean Observation and Society

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Outline of the session

Opening remsrk; re-consider social driver of ocean observation to make more contribution to Grean Growth (ECVs for climate to EOV for other drivers)

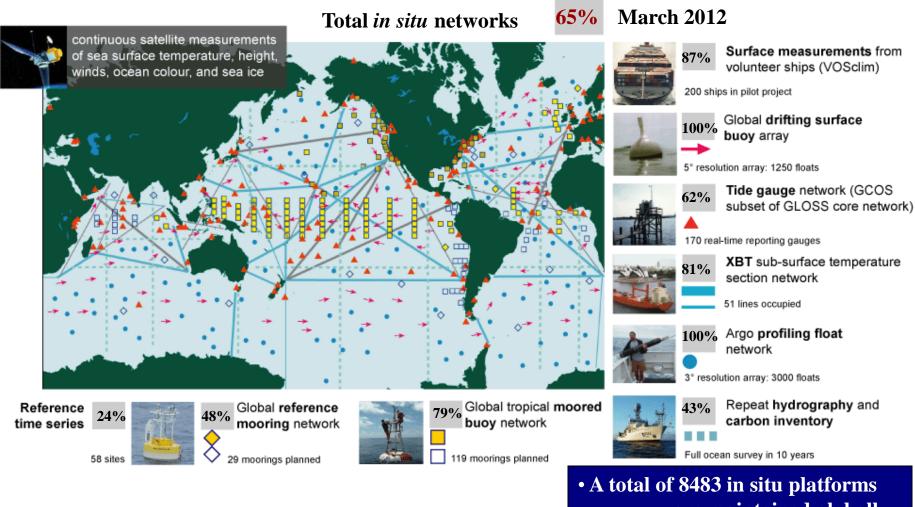
Session 1: Present status of Ocean observation
(GCOS oriented projects in <u>blue water</u>)Argo/Repeat Hydrography/Buoy array and their
Data System3 talks

3 talks

Session 2: Present status of Ocean observation (Regional/domestic projects in green water) Regional Observing/Data System

Session 3: Toward Social benefits (Linkages b/w Observation/Societal Benefit) Lesson from actual cases of ocean services for the society 5 talks

Initial Global Ocean Observing System for Climate Status against the GCOS Implementation Plan and JCOMM targets

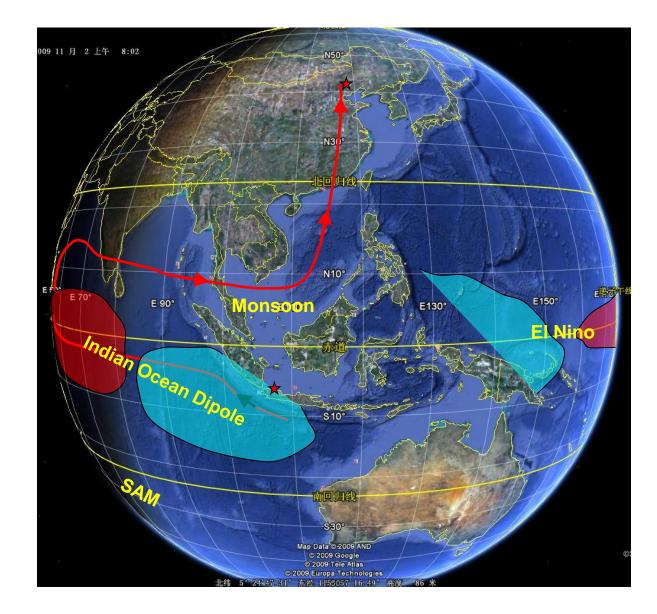


GCOS

A total of 8483 in situ platforms are maintained globally.
Of these, 4207 are supported by NOAA.

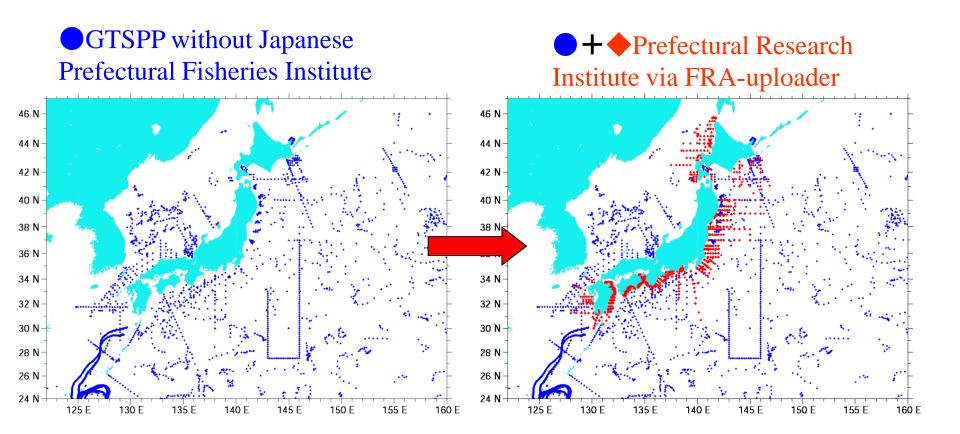
Scientific Driving for FIO's Indian Ocean Concern





Effect on introduction of FRA-uploader

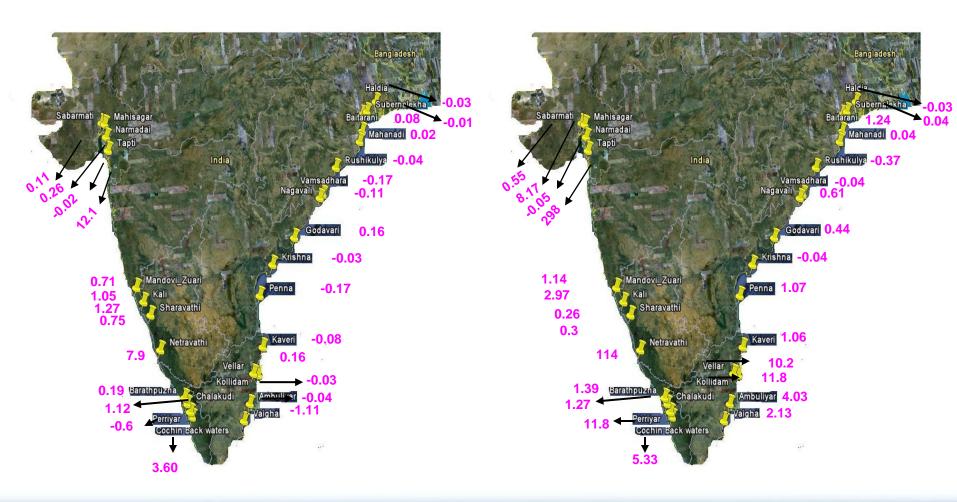
Real Time GTSPP data 2008.Aug-Sep



Fluxes of CH₄ and N₂O from the Indian Estuaries

N₂O-Flux(µmole m⁻² Day⁻¹)

CH₄-Flux(µmole m⁻² Day⁻¹)



What contribution can we do to Green Economy?
What kind of data sharing is needed to attain the real contribution?

•What action is needed?

Session 4: Discussion to wrap-up WG4 (1)

•Definition of "Data Sharing" is recognized as every data which we can use and are shared with many countries not only for science community but also regional society.

•At least, every data which observed by each GOOS observation projects in each areas is needed. Common part is not only climate data but also biogeological or biochemical or biodiversity data etc if we think to contribute to the Green Glowth.

Session 4: Discussion to wrap-up WG4 (2)

• If we could show how the product by using regional data could be beneficial for country and what data would be needed for improvement of our capability, they could be good materials in order to convince the government for sharing the data.

• It means that *Societal Driver* should be widely adapted by regional countries and Asia Pacific country should recognize that coastal management cannot be carried out by one country because other country's coastal data is needed for the prediction.

Session 4: Discussion to wrap-up WG4 (3)

- •Our final goal is making open and free data policy but still there are lots of lacks of data.
- Even though a sustainability of open ocean observation is still challenge, we need to raise the recognition of needs of ocean observation more high. Because open ocean relates to regional ocean and it is good channel.

Session 4: Discussion to wrap-up WG4 (2)

Actions to be take

 Regional alliance is important for exchanging information in Asian Pacific region. In order to vitalize such framework, as for one of conclusive action plan of the WG, statement which is endorsed by GEOSS AP symposium WG4 should be made and submitted to next WESTPAC/IOC meeting in May to ask if WESTPAC could consider the importance of establishment of **APCOIC** as the first step of coasta; l data dissemination in Asia-Pacific region.