

Oceans and Society: Blue Planet Symposium
Ilhabela, São Paulo State, Brazil | 19-21, November, 2012

Draft Agenda

Monday 19 November

8:30 Registration

9:00 – 9:45 Welcome and Introductions

Welcoming address from Brazilian Ministry of Science, Technology and Innovation –*Janice Trotte-Duhá*

Welcome from local host and logistics –*Milton Kampel*

Welcome and comments from the Director of GEO –*Barbara Ryan*

The “Oceans and Society: Blue Planet” Task from the GEO perspective –*Douglas Cripe*

Scope and purpose of the “Oceans and Society: Blue Planet” Task (SB01)–*Trevor Platt*

Theme: Operational Systems for Monitoring of Marine & Coastal Ecosystems (Component C2)

9:45 – 11:00 Session: Operational Oceanography in Brazilian Regional Waters (Carlos Garcia)

9:45 Operational oceanography in the Tropical Atlantic - *Paulo Nobre*

10:05 Operational oceanography in the South Atlantic - *Edmo Campos*

10:25 Operational oceanography in the Coastal Zone -*Carlos Garcia*

10:45 *Discussion of operational oceanography in Brazilian waters and possible contributions to SB01 and GEO.*

11:00 - 11:15 Coffee

11:15 – 12:30 Session: GEO Global Inland Water Quality Information Service (Tiit Kutser)

11:15 Global monitoring of inland water quality with remote sensing methods - *Tiit Kutser*

11:35 Global observations of lake responses to environment (GloboLakes) project - *Peter Hunter*

11:55 Advances of inland water remote sensing in Brazil - *Claudio Barbosa*

12:15 *Discussion of global inland water quality information service and possible synergies between SB01 and the Water Task*

12:30 - 13:45 Lunch

13:45 - 15:00 Session: Time Series Observations (Douglas Cripe)

13:45 Deep ocean moored time-series stations: OceanSITES –*Francisco Chavez*

14:05 Ocean colour records for climate research: the Climate Change Initiative (CCI) –*Shubha Sathyendranath*

14:25 Long-term oceanographic measurements: an overview –*Alexandra Kraberg*

14:45 *Discussion of time-series observations and how they can be better integrated*

15:00 – 15:15 Coffee



15:15 - 17:00 Session: The role of the “Oceans and Society: Blue Planet” Task within GEO (Douglas Cripe)

- 15:15 GEOWOW: a European contribution to interoperable water information systems -*Massimo Craglia*
15:35 The Group on Earth Observations Biodiversity Observation Network (GEOBON) -*Francisco Chavez*
15:55 *General discussion*

17:00 - 18:30 Poster session

Tuesday 20 November

Theme: Applications of Earth Observations and Information to Sustainable Fishery and Aquaculture Management (Component C4)

09:00 – 10:15 Session: Fisheries Applications of Remotely Sensed Ocean Colour (Trevor Platt)

- 09:00 Fisheries applications of remote sensing data: a FARO perspective -*Venetia Stuart*
09:20 Phytoplankton phenology as an ecological indicator for the pelagic system in the ocean -*Li Zhai*
09:40 Endeavouring for wise mariculture: Science input to policy implementation -*Laura David*
10:00 *Discussion of fisheries applications of remotely sensed ocean colour*

10:15 – 10:30 Coffee

10:30 – 11:45 Session: ChloroGIN Global Network (Li Zhai)

- 10:30 Recent developments in the ChloroGIN website and links to EU initiatives -*Steve Groom*
10:50 Information for a Blue Society: proposal for an interoperable Marine Spatial Data Infrastructure: the ChloroGIN example -*Samuel Djavidnia*
11:10 Importance of Time Series studies in Oceanography. Example of the Latin-American Antares network -*Vivian Lutz*
11:30 *Discussion of ChloroGIN and integration with other observation networks*

11:45 – 13:00 Session: Capacity Building across all components of the Blue Planet Task (Shubha Sathyendranath)

- 11:45 Capacity Building initiatives of POGO: towards sustained ocean observations in developing countries –*Sophie Seeyave*
12:05 US Office of Naval Research work on coastal geosciences in the Gulf of Guinea -*Augustus Vogel*
12:25 Challenges of training and capacity development in data and marine information management in the XXIst century –*Ariel Troisi*
12:45 *Discussion of capacity building for improved ocean observations worldwide*

13:00 – 14:15 Lunch

Theme: Global Ocean Information Coordination and Access (Component C1)

14:15 – 15:55 Session: Global ocean observing systems (Albert Fischer)

- 14:15 The Global Ocean Observing System (GOOS) and Framework for Ocean Observing -*Albert Fischer*

- 14:35 A global network of temperature sections in support of climate studies -*Gustavo Goni*
14:55 GOOS-related ocean observation for understanding the present and future status of climate -*Takeshi Kawano*
15:15 Requirements for Global Implementation of the Strategic Plan for Coastal GOOS, and the GEO Global HF radar task -*Zdenka Willis*
15:35 GEO Coastal Zone Community of Practice -*Milton Kampel (on behalf of Paul DiGiacomo and Jose Muelbert)*
15:55 *Discussion of synergies within Component C1*

16:10 – 16:25 Coffee

**16:25 - 17:25 General discussion on possible synergies within the “Oceans and Society: Blue Planet” Task
Moderator: Albert Fischer**

17:30 – 18:00 RCN: OceanObsNetwork meeting (invited participants only).

Wednesday 21 November

09:00 – 10:00 Session: HABs, Oceans and Human Health (Stewart Bernard)

- 09:00 Developing global observation systems for Harmful Algal Blooms: Earth observation and autonomous systems –
Stewart Bernard
09:20 Developing a global capability for predictive Harmful Algal Bloom modelling: dreams & realities –*Lourdes Velo Suarez*
09:40 *Discussion on integrating HAB observing systems within SB01*

Theme: Global Operational Ocean Forecasting Network (Component C3)

10:00 - 11:00 Session: Global Ocean Data Assimilation Experiment (Mike Bell)

- 10:00 The Global Ocean Forecasting Initiative (GODAE OceanView) - *Clemente Tanajura*
10:20 The GODAE OceanView Task Teams for Coastal Ocean & Shelf-Seas (COSS) and Marine Ecosystem Prediction (MEP) - *Fabrice Hernandez*
10:40 *Discussion of Global Ocean Forecasting*

11:00 – 11:15 Coffee

11:15 – 12:15 Session: Data management (Ariel Troisi)

- 11:15 International Ocean Data and Information Exchange (IODE): Policy and practice –*Ariel Troisi*
11:25 Toward multiscale methods for mapping and monitoring coastal and marine habitats –*Luis Conti*
11:45 *Discussion of data management issues within SB01*

**12:00 – 12:30 General discussion of next steps for SB-01
Moderator: Shubha Sathyendranath**

12:30 Closing remarks –Shubha Sathyendranath



14:00-17:00 Follow-up meeting to discuss action items from the Blue Planet meeting (invited participants only)