

**CLIVAR Global Synthesis and Observations Panel meeting,**  
July 14-15, 2014 (preceding the pan-CLIVAR meeting on July 16-18)  
The Hague, Netherlands

Draft Agenda

GSOP members attending: Tong Lee, Keith Haines, Magdalena Balmaseda, Catia Domingues, Matt Palmer, Masafumi Kamachi, Use Send, Ken Ando

Invitees: Sergey Gulev, Karina von Schuckmann, Yan Xue

**July 14 (Monday)**

**Joint GSOP-OMDP Session (Room: Everest 1)**

8:30hr - Welcome new member (Masa Kamachi), member introductions, and overview of agenda (adjust if necessary) (Tony Lee)

8:45hr - Overview of activities since the last GSOP meeting (Keith Haines)

9:00hr - Review of ongoing effort of ocean reanalysis intercomparison ORA-IP (Magdalena Balmaseda, Matt Palmer, Keith Haines)

- Report of recent meetings on this subject (ECMWF meeting, GODAE symposium)
- Summary/highlights of Intercomparison
- Updates on related publications
- New ESF COST program on ocean reanalysis comparisons (Keith Haines with contribution from Aida Alvera Azcarate)
- Identify the way forward; discuss coordination for publications; future meetings

10:00hr – Near realtime ocean /climate monitoring using ensemble operational ocean analysis products (Yan Xue)

**10:30hr – Coffee Break**

11:00hr – Coordination of forward model – ocean reanalysis intercomparison

- A preliminary Intercomparison for AMOC and MLD (Gokhan Danabasoglu)
- How to move forward with forward model-ocean reanalysis Intercomparison? (All)

12:00hr - Discussion/recap of topics in the morning

**12:30hr – Lunch**

**Joint PP-GSOP session (Room: Kilimanjaro 1)**

13:30hr - CLIVAR ENSO Research Focus (Eric Guilyardi)

14:00hr – The Universality of Combination Modes (Axel Timmermann)

14.30hr – ENSO and GW: coordinated experiment for CMIP6 on ENSO teleconnections (Mat Collins)

**15.00hr – Coffee Break**

- 15:30hr - TPOS (Billy, Ken, Tony Lee, Magdalena Balmaseda, Masa Kamachi)  
16:00hr - Current status of the Pacific and ENSO forecasts; Rapid international response strategies to climate events (Mike McPhaden, Axel Timmermann)  
16:30hr - Intercomparison and observing system assessment and design for the Pacific sector (Keith Haines, Magdalena Balmaseda, Tony Lee)  
17:00hr - The role of the Pacific in the hiatus: open discussion (Wenju Cai, Matt Collins, Magdalena Balmaseda)

**17.30hr – End of day**

**July 15 (Tuesday) (Room: Everest 1)**

- 8:30hr - CLIVAR Planetary Heat Budget and Ocean Heat Content Task Team and ESA funded International Research Institute working group on the subject (Pierre-Philippe Mathieu and Karina von Schuckmann)  
9:00hr - Update on surface fluxes activities (including issues related to TPOS) (Sergey Gulev)  
9:30hr – GSOP coordination of international effort on QC of global subsurface ocean data (IQuOD project) (Catia Domingues, Matt Palmer)  
10:00hr – Updates on the interaction with OOPC/GCOS defining requirements for Ocean Essential Climate Variables (ECVs) (Tony Lee, Catia Domingues, others?)

**10:30hr – Coffee Break**

- 11:00hr – Observing system updates: satellites (recent and upcoming missions for various ocean parameters) (Tony Lee, Pierre-Philippe Mathieu)  
11:30hr – Observing system updates: in-situ (tropical mooring arrays, Argo, OceanSites, etc.) (Ken Ando, Dean Roemmich, Uwe Send)

**12:30hr – Lunch**

- 13:30hr - Ocean Climate Indicators Task Team (Tony Lee)  
13:45hr – Discussion of future GSOP activities/priorities
  - Future priorities: e.g., TPOS2020, deep ocean observations, ocean climate indicators & near realtime monitoring, coupled synthesis.
  - GSOP participations in future meetings.

14:45hr – Action items and membership

**15.00hr – Coffee Break (End of meeting)**