

17th Session of the Ocean Observations Panel for Climate. 21st to 23rd July 2014;

Institut de Ciències del Mar, Barcelona Spain.

Monday 21st July		
08.30	Arrival, coffee, registration	
1. Opening and overview. (chair: Toshio Suga)		
09.00-09.20	1.1. Welcome from co-chairs, local host, introductions.	Mark Bourassa and Toshio Suga.
09.20-09.30	1.2. Overview of Agenda, aims, expectation of the meeting. Approval of Agenda.	Mark Bourassa and Toshio Suga
09.30-10.00	1.3. State of the Ocean Update (Ocean Indices) + Discussion	Ed Harrison
2. Sponsor Guidance, planning and reporting (Chair: Mark Bourassa)		
10.00-10.20	2.1. GCOS update, process for Status Report and next Implementation Plan	Carolyn Richter
10.20-10.40	2.2. GOOS update. planning and reporting ()	Eric Lindstrom/Albert Fischer
10.40-11.00	Coffee Break	
11.00-11.40.	2.4. Discussion; reporting processes, drivers and priorities for OOPC Work Plan going forward, e.g. Observations for climate Impacts, Mitigation, Adaptation, integration/connections with sibling panels	Led by Mark Bourassa and Toshio Suga
3. Implementing the OOPC Work Plan (Chair: Toshio Suga)		
11.40-12.00	3.1. Overview of OOPC Work Plan, development, status, next steps.	Mark Bourassa and Toshio Suga
12.00-13.30	Lunch	
13.30-13.40	3.2. Introducing Observing System Evaluations.	Toshio Suga
13.40-14.10	3.3. Tropical Pacific Observing System 2020	Toshio Suga and Katy Hill
14.10-14.40	3.4. Deep Ocean Observing Strategy	Eric Lindstrom, Bernadette Sloyan
14.40-15.40	3.5. Discussion: lessons learnt, formation of projects, next steps and next priorities. E.g. Boundary Currents, Upper Ocean Thermal, Fluxes, network developments (e.g. Argo, Drifters).	Led by Mark Bourassa and Toshio Suga
15.40-16.20	Coffee	
4. Evaluating EOVs/ECV requirements: Feedback on strengths/issues of specifications setting: including coastal requirements (Chair: Mark Bourassa)		
16.20-16.30	4.1. Introduction	Mark Bourassa
16.30-16.50	4.2. Sea Surface Temperature and Salinity	Mark Bourassa (for Johnny Johansen)
16.50-17.10	4.3. Sea Level	Eric Lindstrom and John Wilkin
17.10-17.30	4.4. Sea State and Sea Ice	Mark Bourassa
17.30-17.50	4.5. Surface Current and Subsurface Current	Bob Weller
17.50-18.00	Wrap up first day.	

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The Ocean Observations Panel for Climate is sponsored by the Global Ocean Observing System the Global Climate Observing System and the World Climate Research Program. OOPC provides advice on scientific requirements to the Joint Commission for Oceanography and Marine Meteorology.

Tuesday 22nd July		
9.00-9.10	Recap from 1 st Day	Mark Bourassa/Toshio Suga
09.10-9.40	4.6. Subsurface Temperature and Salinity, Tracers	Toshio Suga
09.40-10.20	4.7. Biogeochemical ECVs/Proposed EOVs ()	Maciej Telczewski
10.40-11.10	Coffee	
11.10-11.50	4.8. Evaluating coastal observation requirements and implementation globally, inc. Discussion.	John Wilkin
11.50-12.30	4.9. Discussion, and next steps for EOv specifications, connection to GCOS/GOOS Reporting.	Mark Bourassa/Toshio Suga
12.30-14.00	Lunch	
14.00-17.00	5. 'Science Break'. Ocean Observing and the CSIC Institute de Ciencias del Mar. (Chair: Toshio Suga/Mark Bourassa)	
14.00-14.30	Overview: institute activities.	TBC
14.30-14.50	Zonal jets and recirculations in the tropical Atlantic Ocean	Josep Lluís Pelegri
14.50-15.10	Citclops: Citizen Observatory for Coast and Ocean Optical Monitoring	Carine Simon and Jaume Piera
15.10-15.30	ENSO monitoring using SMOS salinity fields	Joaquim Ballabrera
15.30-16.00	Coffee	
16.00-16.20	Ice, climate, and economics - Arctic research on change	Pedro Elosegui:
16.20-16.40	Small-scale wind variability as depicted by satellite scatterometers: a valuable source of air-sea interaction information	Marcos Portabella
16.40-17.00	Discussion.	

Wednesday 23rd July		
9.00-9.10	Recap from 2 nd Day	
6. Setting observing system requirements, feedbacks in observing system design: CLIVAR (Chair: Toshio Suga)		
9.10-9.40	6.1. Overview, pan CLIVAR Sustained Obs breakout	Bob Weller, Katy Hill
9.40-10.00	6.2 Global Synthesis and Observations Panel	Catia Domingues
10.00-10.20	6.3. Atlantic Panel	Bob Weller (for Peter Brandt)
10.20-10.40	6.4. Pacific Panel	Alex Ganachaud
10.40-11.10	Coffee	
11.10-11.30	6.5. Indian Ocean Panel	M. Ravichandran
11.30-11.50	6.6. Southern Ocean Panel	Lynne Talley
11.50-12.30	6.7. Discussion: connections and feedbacks, role of CLIVAR panels in observing system development and evaluations, GOOS Projects, (process studies feedback into sustained obs design, etc.)	
12.30-14.00	Lunch	
7.. Qualitative and quantitative approaches to observing system design and evaluation. (Chair: Mark Bourassa)		
14.00-14.20	7.1. Statistical approaches	Mark Bourassa
14.20-14.40	7.2. Modelling Approaches and activities of the GODAE OceanView Observing System Evaluation Task Team	Gilles Larnicol
14.40-15.00	7.3. Development of observing system metrics	Albert Fischer/ David Legler
15.00-15.30	7.4. Discussion.	
15.30-16.00	Coffee	
16.00-16.50	8. Discussion: Collaborative activities to progress in 2014-16 (Mark Bourassa/Toshio Suga).	
16.50-17.00	9. Timing/location of next meeting, close of meeting. (proposed: Japan, April 2015)	