

OceanPredict Operational Systems Working Group
Meeting #02 **20 May 2022 (Friday) 13:00 – 14:00 (UTC)**

MS TEAMS link: [Click here to join the meeting](#)

Agenda Appendices: 1. ToR for review 2. Evergreen list of potential activities

Draft Agenda : 90 min

- 0:00 Welcome (Fraser David)
 - New member Jennifer Veitch
 - Membership (anybody missing from list)
- 0:05 Housekeeping
 - Agenda Adoption
 - Minutes of previous meeting
 - ToR adoption with suggested changes from previous OP-OS-WG meeting
 - OPOS-WG as name
- 0:10 Preparing for OPST - 6 System report approach
 - What are the capabilities we want from the system reports
 - How to submit/present the report
 - How to structure reports
- 0:25 OPOS-WG relationships and Decade Activities
 - Overall objectives Better representation and connectivity/integration of prediction systems
 - Collaborations
 - ETOOFS
 - Task Team
 - Decade Programs DITTO, ObsCODE, ForeSea, DCC
 - Best Practices
 - Which best practice to start with
 - OPOS-WG strategy for Digital Ocean approach
- 0:45: Round Table:
 - System updates
- 0:55: Recap / tasks for OPST-6
 - System reporting
 - System presentation slide needs
 - Timelines
- 1:00 Meeting end

List of Invitees

David Ford	Co-chair (Met Office)	UK	david.ford@metoffice.gov.uk	Y
Fraser Davidson	Co-chair (DFO)	Canada	Fraser.davidson@dfo-mpo.gc.ca	Y
Kirsten Wilmer-Becker	Met Office / Project Office	UK	kirsten.wilmer-becke@metoffice.gov.uk	N
Giovanni Coppini	CMCC	Italy	giovanni.coppini@cmcc.it	
Simona Masina	CMCC	Italy	simona.masina@cmcc.it	Y
Do-Seong Byun	KHOST	Korea	dsbyun@korea.kr	
Avichal Mehra	NOAA	USA	avichal.mehra@noaa.gov	N
Yann Drillet	Mercator Ocean Int	France	Yann.Drillet@mercator-ocean.fr	

Jean-Michel Lellouche	Mercator Ocean Int	France	jlellouche@mercator-ocean.fr	Y
Goro Yamanaka	JMA	Japan	gyamanak@mri-jma.go.jp	
Liu, Guimei	NMEFC	China	liugm@nmefc.cn	
Liyang WAN	NMEFC	China	liyang.wan@nmefc.cn	Y
Gregory Smith	ECCC/ CONCEPTS	Canada	Gregory.smith@ec.gc.ca	Y
Laurent Bertino	NERSC	Norway	Laurent.Bertino@nersc.no	Y
Paul Arya	INCOIS	India	aryapaul@incois.gov.in	
Clemente Tanajura	REMO	Brazil	clemente.tanjura@gmail.com cast@ufba.br	
Luiz Claudio Fonseca	CHM / REMO	Brazil	luiz.claudio@marinha.mil.br	Y
Patrick Hogan	NOAA	USA	patrick.hogan@noaa.gov	
Patrick Heimbach	ECCO	USA	heimbach@oden.utexas.edu	?
Gary Brassington	BOM	Australia	gary.brassington@bom.gov.au	Y
Kristian Mogensen	ECMWF		kristian.mogensen@ecmwf.int	Y
Jay Pearlman (invited)	Four Bridges / Ocean Best Practices	USA	jay.pearlman@fourbridges.org	Y
Johannes Karstensen (invited)	GEOMAR / Ocean Best Practices	Germany	jkarstensen@geomar.de	Y
Eric Chassignet	OP co-chair (FSU)	USA	echassignet@fsu.edu	
PN Vinayachandran	OP co-chair (IISc)	India	vinay@iisc.ac.in	Y
Jennifer Veitch	SAEON	SA	Ja.veitch@saeon.nrf.ac.za	

Appendix 1: Draft ToR (see highlight for proposed changes)

OceanPredict - Operational Systems Working Group Terms of Reference OP-OS-WG

V: May 20 2022

Purpose: Working together to identify common challenges and work towards their solutions.

Vision: Better ocean forecasts for those who need them.

Mission: Improve ocean prediction systems by sharing expertise, engaging external partners, and better understanding user needs.

Membership: Membership comes from operational prediction centers

- 2 co-chairs
- 1 representative per country/forecasting center on OPST
- Additional members as needed/desired with expertise to cover specific projects/subjects
- One voice per system regardless of participation number
- Systems represented can be global, basin, coastal, for physics and/or biogeochemistry. Individual forecasting systems would be represented by the forecasting country or consortium.

OPST Participation

- WG as a whole can coordinate presentations at OPST from forecast centers. Presentations can be by WG as a whole, or by individual systems
- WG itself decides how best to present things at OPST.
 - NOTE: OSWG meetings enable all forecasting centers to present on system status, progress, and updates

WG Culture

- Respectful of differences: WG forecasting centers will have different schedules, capacities, staffing levels and focus. Thus acknowledge flexibility in contributing to WG activities.
- The WG will be enabling/empowering and focused on group needs
- Informal consensus building
- WG meetings will alternate time zones

Appendix 2 : Impact Potential and potential WG Activities list (evergreen list)

OS-WG's Impact Potential

- Enables a group approach in the decade, and a building block for international OO value chain framework
- Engage/interact with groups across all components needed to sustain an Operational Prediction System.
 - observations, digital ocean and end user side
 - GOOS - ETOOFS Best Practices (Jay Pearlman) DITTO (UN DECADE) GEO Blue Planet
 - OPST Task Teams

OS-WG's Potential Activity List

- Information Sharing on:
 - System output access info
 - Issues and successes
 - System upgrade methodologies
 - Future plans
 - Interaction as a group with:
 - OPST, OPST-TT's and ET-OOFS
- Community talk/seminar series on prediction systems (recordable)
- National report evolution → overview of all systems
- System Accessibility
 - All links to system access on one site?
 - Collaboration under DITTO and ForeSea
 - Research to operations: tech transfer
 - Use of observations
- System Verification / monitoring
 - Engage with IV-TT on implementation and operationalisation of Class 4 intercomparison
- Developing endorsed best practices and evolving them towards standards
 - Define standards we need in prioritized categories.
 - Work with/through ET-OOFS on best practices and standards
 - Implementation of standards and feedback to ETOOFS