

## TAOS Review Workshop Agenda

<b>Thursday, Feb. 8</b>		
Time	Title	Speaker(s)
8:30-9:00	Registration	
9:00-9:30	Welcome and Introductions	Clivar ARP (Sabrina Speich), TAOS Review Committee (Bill Johns)
	<b>Session I: Requirements for the Tropical Atlantic Observing System</b> Chair: <b>S. Speich</b>	
9:30-10:00	Societal impact and importance of observing the Tropical Atlantic	Moacyr Araujo
10:00-10:30	Tropical Atlantic variability and change	Paulo Nobre
10:30-11:00	Role of the Tropical Atlantic in the climate system	Belen Rodriguez-Fonseca
11:00-11:30	Coffee Break	
11:30-12:00	Impact of Tropical Atlantic biases in climate predictions/projections	Noel Keenlyside
12:00-12:30	Tropical-Extratropical Links	Jeff Knight
12:30 - 14:00	Lunch	
	<b>Session I (continued)</b> Chair: <b>M. Balmaseda</b>	
14:00-14:20	Capabilities for seamless forecasting from days to season: the role of ocean observations	Magdalena A. Balmaseda
14:20-14:40	Extreme Events	Scott Stripling/Ping Chang
14:40-15:00	Evaluation of the Tropical Atlantic observing system from ocean data assimilation perspective: Marine applications	Marie Drevillon
15:00-15:30	Biogeochemical applications in the Tropical Atlantic: Requirements, synergies, and gaps	Toste Tanhua
15:30-16:00	Coffee Break	
16:00-16:30 (remote)	Biology and Fisheries applications: Requirements, synergies, and gaps	Joern Schmidt
16:30-17:00	Presentations from related observational programmes (IMBER, SOLAS, POGO)	Carol Robinson
17:00-18:00	Discussion: Requirements for existing and emerging drivers; essential ocean variables (EOVs) and system design. What is the key information that is being (a) successfully provided and (b) missing from the Tropical Atlantic observing system for these science/societal drivers? (Recommendations from today's session with a special focus on issues to address in the review)	
18:00-19:00	Review Committee meeting (closed session)	
19:30 - 20:30	Reception	
<b>Friday, Feb. 9</b>		
Time	Title	Speaker(s)
	<b>Session 2: Tropical Atlantic Observing System Networks: Current Status and plans to 2030</b> Chair: <b>B. Johns</b>	
8:30-9:00	Mooring Networks	Moacyr Araujo
9:00-9:20	Satellite Observations	Abderrahim Bentamy
9:20-9:40	Lagrangian observations of the Tropical Atlantic	Rick Lumpkin
9:40-10:00	Autonomous Platforms and Sensors	Steve Jayne
10:00-10:20	Vessel-based Observations	Renellys Perez
10:20-10:40	Surface flux measurements from buoys, ships, and gridded products; Atmospheric and marine boundary layer observations	Chris Fairall/Paquita Zuidema
10:40-11:00	Coffee Break	
11:00-12:00	Discussion: Successes and gaps of the observing system network for science/societal applications; How to fill those gaps/optimize the TAOS? Recommendations for future evolution of the TAOS.	
12:00-13:30	Lunch	
	<b>Session 3. Data Flow and Information Products</b> Chair: <b>N. Smith</b>	
13:30-14:00	Current data availability and access (how delivered; present status and future evolution)	Neville Smith
14:00-14:30	Available Analysis Products (how accessed and how used by science/operational community and stakeholders?)	Marie Drevillon

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14:30-15:00	Discussion: Gaps in data availability/access and information products? Recommendations for possible improvements in data/information products and delivery.	
15:00-15:30	Coffee Break	
	<b>Session 4. Governance, Review, and Resourcing</b> <b>Chair: K. Hill</b>	
15:30-15:45	Perspectives from the Blueprint for Atlantic Observing	Brad de Young
15:45-16:30 (5-10 min each)	Presentations by agencies with interests in engaging:	
	National Oceanic and Atmospheric Administration (NOAA)	David Legler
	NASA	E. Lindstrom
	MétéoFrance & Institut de recherche pour le développement (IRD)	P. Dandin
	Brazil	Moacyr Araujo
	Cape Verde, Namibia	Vito Melo(remote), Brian Mudumbi
16:30-17:00	Discussion: Proposed governance and review mechanisms. Does the proposed TPOS-2020 structure (a TAOS Resources Forum, under guidance of a TAOS Steering Committee), work for the Tropical Atlantic? Alternate governance/review mechanisms?	
17:00-17:40	Summary: Points of consensus, divergence, issues to resolve	
17:40-18:00	Next Steps: Workshop report; OceanObs '19 White paper, Next TAOS Review meeting (Marseille, October 2018); Closing remarks	
18:00	Meeting Adjourns	
19:00-21:00	Review Committee meeting/dinner (closed session)	