

**Agenda - IOGOOS Bio-Argo Workshop, 5th Floor Boardroom, IOMRC, Perth, Western Australia, 2-3 Feb 2017**

**Day 1 Thursday 2nd February**

12:00	Lunch
13:00	Peter Klincken, Chief Scientist of Western Australia Welcome to the workshop and acknowledgement of traditional owners
13:15	Nick Hardman-Mountford (CSIRO) Introduction to workshop
	<i>Chair: Andreas Schiller (CSIRO)</i>
	<b>Session 1: Introduction to Bio-Argo: the role of autonomous biogeochemical observations within the Indian Ocean Observing System</b>
13:30	Nick Hardman-Mountford (CSIRO) Introduction to Bio-Argo
13:50	Nick Hardman-Mountford (CSIRO) Global Biogeochemical Argo Implementation Plan
14:10	Nick Hardman-Mountford (CSIRO) / S. Prakash (INCOIS) Summary of Bio-Argo progress in the Indian Ocean: the Indian Ocean Bio-Argo project
14:45	Afternoon Tea
	<i>Chair: Catherine Schmechtig (OOV)</i>
	<b>Session 2: Emerging science from biogeochemical profiling float observations in the Indian Ocean</b>
15:15	Tom Trull (CSIRO) Autonomous profiling float observations of the high-biomass plume downstream of the Kerguelen Plateau in the Southern Ocean
15:35	Satya Prakash (INCOIS) Oxycline variability in the central Arabian Sea: An Argo-oxygen study
15:55	Malika Kheireddine (KAUST) Autonomous bio-optical float observations in the Red Sea: resolving the biological response to physical forcing
16:15	Uday Bhaskar (INCOIS) Float observations of oceanic chlorophyll response to the progression of a cyclone track in the Bay of Bengal
16:35	Bozena Wojtasiewicz (CSIRO) Float-based insights to ocean carbon uptake and controls on the biogeochemical carbon pump
16:55	Francois Dufois (UWA) Observational insights into chlorophyll distributions of subtropical South Indian Ocean eddies from floats
17:15	Close day 1

**Day 2 Friday 3rd February**

	<i>Chair: Burton Jones (KAUST)</i>
	<b>Session 3: User communities and impact areas for Indian Ocean Bio-Argo</b>
9:00	Raleigh Hood (U. Maryland) Key biogeochemical problems in the Indian Ocean as seen by SIBER
9:30	Richard Matear (CSIRO) Using Bio-Argo to constrain ocean forecast models
9:50	Bozena Wojtasiewicz (CSIRO) Application of Bio-Argo float data to validation of satellite ocean colour radiometry
10:10	Catherine Schmechtig (OOV) Data handling and stewardship for Bio-Argo: processing, QC, dissemination, archiving
10:30	Morning Tea
	<i>Chair: Louise Wicks</i>
	<b>Session 4: What does Bio-Argo for the Indian Ocean look like?</b>
11:00	Nick Hardman-Mountford (CSIRO) Observing system design: models, bioregional approaches etc.
11:20	Group discussion Discussion towards recommendations
12:40	Nick Hardman-Mountford (CSIRO) Workshop summary
13:00	End of workshop
13:00	Lunch