

Ocean and Coastal Nutrient Symposium

Broadcast from RV Investigator – 6th, 8th, 12th, 14th and 16th of June 2023

Broadcast from the International Nutrient inter-Comparison Voyage

Hear from researchers working at sea on a project to reduce seawater nutrient measurement errors
Broadcast from RV Investigator

Date		Time	Title	Presenter
Tuesday	6th of June	16:00 AEST	Use of reference materials for nutrients in seawater and comparability of nutrients in the world's oceans	Susan Becker , Scripps Institution of Oceanography, USA
		16:30 AEST	Nutrient measurements in Patagonia, Argentina	Paula Berjmero , Centro para El Estudio de Sistemas Marinos (CESIMAR-CONICET), Argentina
Thursday	8th of June	16:00 AEST	A summary of the work done in the homogeneous Weddell Sea interior over the last 25 years	Karel Bakker, Royal Netherlands Institute for Sea research (NIOZ), the Netherlands
		16:30 AEST	The accidental chemist	Susan Allender , School of Ocean Science, Bangor University, UK
Monday	12th of June	16:00 AEST	Nutrient measurement at sea demonstration	TBD
		16:30 AEST		
Wednesday	14th of June	16:00 AEST	SR03 historical data investigation	Gabrielle Henderson , CSIRO – University of Tasmania
		16:30 AEST	Automated calibration by a single standard solution and automated dilution of seawater samples by novel programmable flow injection (pFi) technique	Madeline Davis , University of Hawaii (and Mariko Hatta)
Thursday	15 th of June	16:00	<i>A 20-year-time-series of the Beaufort Sea: Should we be scared?</i>	<i>Sarah-Ann Quesnel, Department of Fisheries and Ocean Canada</i>
		16:30	<i>Nutrient analysis at ICM CSIC, Spain</i>	<i>Mara Abad, ICM-CMC, Barcelona, Spain</i>
Friday	16th of June	9:00 AEST	CTD sampling at sea demonstration	TBD

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Full day Symposium – 20th of June 2023

	8:00 - 15:20	Title	Presenter
20th of June CSIRO Auditorium	8:00 - 8:30	An overview of the INIV Voyage and Symposium	Andreas Marouchos , Engineering and Technologies, CSIRO, Australia
	8:30 - 8:50	Tracking and understanding change in the Southern Ocean: 30 years of measurements on the SR3 repeat section	Steve Rintoul , Environment, CSIRO Australia
	8:50 - 9:10	Oceanic nutrient supply to southeast Tasmanian coastal waters is modified by seasonal boundary currents	Karen Wild-Allen , CSIRO, Australia
	9:10 - 9:30	Macronutrient biogeochemistry in Antarctic land-fast sea ice: insights from a circumpolar data compilation	Sian Henley, School of Geoscience, University of Edinburgh (Presenting: Delphine Lannuzel , Institute for Marine and Antarctic Studies, Australia)
	9:30 - 10:00	Morning Tea	
	10:00 - 10:20	The programmable Flow Injection Ocean Nutrient Analyzer (pFIONA): a cost-effective and versatile solution for unattended nutrient analysis	Maxime Grand , Moss Landing Marine Laboratories, San Jose State University, CA, USA
	10:20 - 10:40	Opening: Validation of pasteurization as an alternative technique for preserving nutrients in seawater samples	Anne Daniel , IFREMER, France
	10:40 - 11:30	Panel Discussion: How to Maintain comparability of nutrient measurements	Karel Bakker , NIOZ, The Netherlands
	11:30 - 12:40	Lunch	
	12:40 - 13:00	Introduction to XMU Nutrient Lab and iSea	Teng-Yue Fang , State Key Laboratory of Marine Environmental Science, Xiamen University, China
	13:00 - 13:20	Results from a nutrient freezing experiment	Peter Hughes , National Collections and Marine Infrastructure, CSIRO, Australia
	13:20 - 13:40	Environmental drivers modulating phytoplankton seasonal succession along the Northern Antarctic Peninsula	Raul Rodrigo , Instituto De Oceanografia, Federal University of Rio Grande, Brazil
	14:00 - 14:10	Closing Ceremony	TBC
	14:15 - 14:45	Afternoon tea	
	14:50 - 15:20	Optional Tours: Hobart labs, RV Investigator, HydroBox, Fish collection	In person
17:30	Symposium Dinner (by invite only) @ Rockwall	In person	