

Virtual Workshop on Ocean Connectivity & Exchange Across the Antarctic Peninsula: Processes and Impacts

Day 1: Tuesday, October 14, 3:00-5:30 PM (UTC)

Time Start (UTC)	Time End (UTC)	Title	Speaker
3:00 PM	3:10 PM	Introductory Remarks	
3:10 PM	3:25 PM	Workshop Motivation and Physical Setting	Carlos Moffat (U. Delaware), Tiago Dotto (NOC)
3:25 PM	3:40 PM	Climate change, variability and extremes at the Antarctic Peninsula	Sergi González Herrero (Institute for Snow and Avalanche Research SLF)
3:40 PM	3:55 PM	Antarctic Peninsula Sea-Ice Changes within the context of Circumpolar Changes	Sharon Stammerjohn (U. Colorado)
3:55 PM	4:10 PM	Nutrient and carbon exchanges across the WAP shelf during summer	Sian Henley (U. of Edinburgh)
4:10 PM	4:35 PM	Lighting talks	
4:35 PM	5:30 PM	Discussion & Wrap-up	

Day 2: Wednesday, October 15, 10:00 AM-12:30 PM (UTC)

Time Start (UTC)	Time End (UTC)	Title	Speaker
10:00 AM	10:10 AM	Introductory Remarks	
10:10 AM	10:25 AM	Biophysical Coupling and Ocean Connectivity between the West Antarctic Peninsula and the Weddell Sea (COUPLING II Project)	Borja Aguiar-Gonzalez (U. of Las Palmas de Gran Canaria)
10:25 AM	10:40 AM	Physical-biological processes regulating CO ₂ -carbonate chemistry along the northern Antarctic Peninsula	Rodrigo Kerr (Universidade Federal do Rio Grande)
10:40 AM	10:55 AM	Circulation patterns around the Northern Antarctic Peninsula, importance for developing a new Krill management strategy for CCAMLR	Christian Reiss (NOAA, retired)
10:55 AM	11:10 AM	Feedbacks between Antarctic margin circulation and shelf freshening: perspectives from freshwater perturbation experiments and fine resolution models.	Becki Beadling (Temple University)
11:10 AM	11:35 AM	Lighting talks	
11:35 AM	12:30 PM	Discussion & Wrap-up	

Day 3: Thursday, October 16, 5:00-7:30 AM (UTC)

Time Start (UTC)	Time End (UTC)	Title	Speaker
5:00 AM	5:10 AM	Introductory Remarks	
5:10 AM	5:25 AM	Ocean Modeling on the Antarctic Continental Shelf	Matt Mazloff (UCSD, Scripps)
5:25 AM	5:40 AM	The role of uncoupling between biogeochemical stocks and rates in Southern Ocean production-export dynamics	Meredith Meyer (University of East Anglia)
5:40 AM	5:55 AM	The Impact of Glacial Meltwater on Phytoplankton Ecology along the Western Antarctic Peninsula	Jack Pan (Ocean Motion Technologies)
5:55 AM	6:10 AM	Along-shelf connectivity at the Antarctic Peninsula: Linking the Weddell Sea to West Antarctica	Hannah Dawson (University of Tasmania)
6:10 AM	6:35 AM	Discussion	
6:35 AM	7:30 AM	Discussion & Wrap-up	