

Time (PDT)	Duration	Theme	Speaker
8:00 PDT (11:00 EDT)	10 mins	Welcome/ Introduction	Philippe Tortell and Ana C. Franco
Session 1: Observations Moderator: Hayley Dosser			
8:10	25 mins	O2 sensors	Dariia Atamanchuk
	The role of the Northwest Atlantic in ocean deoxygenation: Improving future predictions through in situ sensor-based measurements		
8:35	15 mins	Atlantic observations	Mathilde Jutras
	Deoxygenation research at McGill University: connecting the St. Lawrence Estuary and the western North Atlantic		
8:50	25 mins	Pacific observations	Jen Jackson
	Oxygen in the coastal waters of British Columbia - the state of observations and knowledge		
9:15	10 mins	GO2NE	Denis Gilbert
	GO ₂ NE: Global Ocean Oxygen NEtwork		
9:25	25 mins	Discussion	
9:50-10:30	40 mins	Break	
Session 2: Modelling Moderator: Amber Holdsworth			
10:30	25 mins	Pacific modelling	Laura Bianucci, Jim Christian, Susan Allen
	Recent developments in modelling of deoxygenation and its impacts on the Canadian Pacific coast		
10:55	25 mins	Arctic modelling	Cathy Reader
	Trends and Projections in Arctic Marine Environmental Stressors from CMIP6 Models		
11:20	25 mins	Atlantic modelling	Diane Lavoie
	Modelling the spatial and temporal variability of dissolved oxygen in the Northwest Atlantic, with a particular focus on the Gulf of St. Lawrence		
11:45	25 mins	Discussion	
12:10-12:50	40 mins	Break	

Session 3: Biological impacts

Moderator: Ana C. Franco

12:50	25 mins	Aerobic Growth Index	Tayler Clarke
	Applying the Aerobic Growth Index to study the impacts of warming and oxygen limitation on living marine resources in the Eastern Tropical Pacific		
13:15	25 mins	Seamounts and the Pacific OMZ	Tetjana Ross and Cherisse DuPreez
	Rapid deep ocean deoxygenation and acidification threaten life on Northeast Pacific seamounts https://www.oceannetworks.ca/expeditions/northeast-pacific-deep-sea-diversity-expedition/		
13:40	25 mins	Pacific impacts	Patrick Thomson
	Groundfish biodiversity change in northeast Pacific waters under projected warming and deoxygenation		
14:05	25 mins	Discussion	
14:30 PDT (17:30 EDT)	10 mins	Summary and way forward	