2023 CESM Workshop
Ocean Model
WORKING GROUP MEETING

June 2023

13 / June
** All times are MST; **Speakers**: please leave 3 min at the end of your slot for questions.*

Time	Topic	Speakers
Overview: *Center Green Auditorium / North Bay* **YouTube Streaming: https://youtube.com/live/rSYCw46XRR0?feature=share**		
8:30	**Welcome and logistics**	
8:35	Update on Running MARBL in MOM6	Mike Levy
8:50	Immediate and Long-Lasting Impacts of the Mt. Pinatubo Eruption on Ocean Oxygen and Carbon	Galen McKinley
9:05	Plankton energy flows using a global size-structured and trait-based model (online)	Gabriela Negrete García
9:20	North Atlantic Ocean in CESM LR and HR simulations compared to observational benchmarks	Taydra Low
9:35	North Atlantic Response to North Atlantic Oscillation Surface Heat flux forcing in Three Climate Models	Who Kim
9:50	Simulating Recent AMOC Recovery after 2010 in OMIP2 experiments	Yu-heng Tseng
10:05	**BREAK**	
10:30	Pacific Decadal Oscillation modulating marine heatwaves in the Northeast Pacific during recent decades (online)	Xianglin Ren
10:45	A High-Resolution Simulation of the Gulf of Mexico Suitable for Climate Change Studies: Variability and Teleconnections	John Fasullo
11:00	Machine-Learned parameterizations of mesoscale eddies in MOM6 ocean model: convolutional neural network and symbolic regression	Pavel Perezhogin
11:15	Ocean Data Assimilation CESM-DART	Helen Kershaw
11:30	Progress towards CESM3 ocean model and workflows	Gustavo Marques and Elena Romashkova
11:45	Open Discussion	
12:00	Break	
12:15	**ADJOURN**	

Poster	From nutrients to fish: A novel, high-resolution Community Earth System Model simulation linked to a fisheries model	Kristin Krumhardt

Posters: