



NCAR
OPERATED BY UCAR

**Community Earth
System Model**

Ocean Model Working Group Agenda 31st Annual CESM Workshop June 15th, 2026

Monday, June 15th, 1:30-5 pm

** All times are MST; Speakers: 20 min talk. Please leave 2 min at the end of your slot for questions.*

Time	Topic	Speakers	Organization
1:30	Welcome and overview of talks	OMWG co-chairs	
1:32	Update on the TURBO project	John Dennis (Remote)	NSF NCAR
1:52	Resolving Deep Overflows in a Low-to-Medium Resolution MOM6 for Estimating the Historical Evolution of the AMOC	Sang-Ki Lee (Remote)	NOAA AOML
2:12	Simulated and Observed Transport Estimates Across the Overturning in the Subpolar North Atlantic Program (OSNAP) Sections	Frederic Castruccio	NSF NCAR
2:32	Weakened Atlantic Meridional Overturning Circulation causes the historical North Atlantic Warming Hole	Kai-Yuan Li	University of California, Riverside
2:52	Discussion	OMWG co-chairs	NSF NCAR
3:00 - 3:30	Break		
3:30	Sources of the Arctic Atlantic Water biases in the Community Earth System Model	Gokhan Danabasoglu	NSF NCAR
3:50	CFORCE: A Next-Generation Ocean–Sea Ice Forcing Dataset Based on ERA5	Rita Markina	NSF NCAR
4:10	A low-resolution ocean model for CESM3	William Xu	NSF NCAR
4:30	The Ocean Model in CESM3.0	Gustavo Marques	NSF NCAR
4:50	Discussion	OMWG co-chairs	

Posters

	Iron supply pathways to the iron-limited Oyashio region: Contributions from the Kuroshio-Oyashio transition zone revealed by numerical simulations	Kazuhiro Misumi	Central Research Institute of Electric Power Industry
	Updates from CROCODILE	Dan Amrhein	NSF NCAR