

CESM Ocean Model Working Group Meeting
11 – 12 January 2018
Mesa Lab – National Center for Atmospheric Research
Boulder, Colorado

Thursday, 11 January – DAMON ROOM

Webcast Instructions:

AUDIO: Dial this access number: 1-866-740-1260 – Enter access code **4971358**

VIDEO: Go to www.readytalk.com; under “join a meeting” enter access code **4971358**

UPDATES ON ONGOING CESM AND POP ACTIVITIES

08:00	<i>Coffee</i>	
08:30	Welcome	Co-chairs
08:40	CESM2 Update (Ocean)	Gokhan Danabasoglu
09:05	LES and Ocean Model parameterizations	Bill Large
09:30	COWCLIP	Baylor Fox-Kemper
10:00	<i>Continental Breakfast</i>	
10:30	CESM Decadal Prediction Large Ensemble	Steve Yeager
10:55	Update on high resolution data assimilation with POP	Fred Castruccio
11:20	What drives ocean heat content variability in CESM in the extra-tropics, and at what scales?	Justin Small
11:45	Discussion: CESM2	
12:15	<i>Lunch (on your own)</i>	

Thursday, 11 January – MAIN SEMINAR ROOM

>>>> [Webcast: www.fin.ucar.edu/it/mms/ml-live.htm](http://www.fin.ucar.edu/it/mms/ml-live.htm) <<<<<

JOINT SESSION WITH POLAR CLIMATE WORKING GROUP

13:15	Coupling MOM6 into CESM: Progress, challenges, and next steps	Gustavo Marques
13:40	Concurrent-ice coupling	Bob Hallberg
14:05	Discussion (MOM6 and CICE)	Co-chairs
14:35	A new dataset for forcing ocean–Sea-ice simulations: JRA55-do	Who Kim
15:00	<i>Break</i>	
15:30	Status of CMIP6 and OMIP (JRA55-do) simulations at GFDL	Alistair Adcroft
15:55	Evaluation of the equatorial current system in POP simulations based on different wind forcings	Yu-heng Tseng
16:20	Planned and ongoing CESM high-resolution simulations	Gokhan Danabasoglu
16:45	Evaluation of high-resolution simulations	Baylor Fox-Kemper
17:10	Discussion (Forcing, High-Resolution Simulations)	
17:30	<i>Adjourn</i>	

Friday, 12 January – MAIN SEMINAR ROOM

>>>> Webcast: www.fin.ucar.edu/it/mms/ml-live.htm <<<<

OCEAN BIOGEOCHEMISTRY

08:00	<i>Coffee</i>	
08:30	Size-structured ecosystem model development	Jessica Luo
08:55	Adding Coccolithophores to CESM	Kristen Krumhardt
09:20	A change in the forecast: Ocean carbon uptake over the next decade	Nikki Lovenduski
09:45	What controls the variability of CO ₂ fluxes in Eastern boundary upwelling systems	Riley Brady
10:10	<i>Continental Breakfast</i>	
10:40	Pacific iron cycle driven by lateral export from continental shelf sediments mediated by reversible scavenging pump	Kazuhiro Misumi
11:05	Helium isotopes	Frank Bryan
11:30	General discussion	
12:00	<i>Adjourn</i>	