

CESM Ocean Model Working Group Meeting
28 February – 1 March 2017
Foothills Campus
National Center for Atmospheric Research – Boulder, Colorado

>>>> *Webcast: www.fin.ucar.edu/it/mms/fl2-live.htm* <<<<

Tuesday, 28 February – FL2-1001

8:00 *Coffee*

Updates on Ongoing CESM and POP Activities

8:30	Welcome and Logistics	Co-chairs
8:40	CESM2 Update (ocean)	Gokhan Danabasoglu
9:10	Investigating Southern Ocean biases	Alice DuVivier
9:35	Stochastic parameterizations	Ian Grooms

10:00 *Continental Breakfast*

10:30	Progress on high resolution data assimilation with POP	Fred Castruccio
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Towards MOM6

10:55	Background	F. Bryan / G. Danabasoglu
11:10	Introduction to MOM6	Alistair Adcroft
11:35	Discussion	

12:00 *Lunch (on your own)*

Variability & Change

1:15	Alternatives to NAO driving of AMOC variability in CCSM4	Grant Branstator
1:40	Variability in AMOC strength modifies the North Hemisphere surface temperature response in the CESM LENS simulations	Elizabeth Maroon
2:05	Low-frequency North Atlantic climate variability in the CESM LENS simulations	Who Kim
2:30	On enhanced U.S. East Coast warming under climate change in high-resolution CESM	Justin Small

2:55 *Break*

Community High-Resolution Simulation

3:30	Background	Fred Castruccio
3:55	Preliminary assessment of coastal upwelling in high-res POP forced with the JRA-55-do data sets	Justin Small
4:20	QG Leith in high resolution	Baylor Fox-Kemper
4:45	Discussion – Set up of high-res, forced ocean – sea-ice simulation	

5:30 *Adjourn*

5:40 CU Bus Pick-up

WEDNESDAY, 1 March – FL2-1001

8:00 *Coffee*

8:30 Discussion: Upgrading Wave-Watch 3

B. Fox-Kemper/ C. Bitz

Ocean Biogeochemistry

9:10 Thermal and silicate fronts in the Southern Ocean using the CESM LENS simulations

Natalie Freeman

9:35 Iron cycle in ROMS-BEC

Kazuhiro Misumi

10:00 *Continental Breakfast*

10:30 Effects of mesoscale turbulence on carbon export: A global perspective

Cheryl Harrison

10:55 Oxygen-dependent zooplankton grazing in the ocean biogeochemistry module

Jessica Luo

11:20 Discussion

12:00 *Adjourn*

**MEETING MOVES TO CENTER GREEN CAMPUS FOR
AFTERNOON JOINT SESSION**

6:20 CU Bus Pick-up