



Community Earth  
System Model

## Joint AMWG/CVCWG/ESPWG/WAWG/CCWG Working Group Winter Meeting

February 2-3 2026  
Main Seminar Room

### Monday, February 2

\* All times are MST; **Speakers**: please leave 5 min at the end of your slot for questions.

Time	Topic	Speakers
1:00	Overview of CAM7 + Ocean developments	Peter Lauritzen/Ian Grooms/Gustavo Marques
1:20	Overview of chemistry/aerosols developments	Simone Tilmes
1:40	Overview of whole atmosphere modeling developments	Nick Pedatella
	<b>CESM3 model evaluation</b>	
2:00	The path towards CESM3 and status of coupled simulations	Cecile Hannay
2:20	Latest CESM3 development runs - how are they looking?	Isla Simpson
2:40	Tropical variability in CESM3	Rich Neale
3:00	BREAK	
	<b>High to ultra-high resolution modeling</b>	
3:30	Plans for and progress on the E3SMv4 Atmosphere Model	Christopher Terai
3:50	Tropical Cyclones in CAM7: Assessing the Impact of Prognostic Momentum Fluxes and Convective Parameterization at Global and Storm Scales	Ben Stephens
4:10	Analyses of stratospheric waves in high-resolution (1/8-degree) CAM	Julio Bacmeister
4:30	Incorporating CLUBB-MF in km-scale simulations with CESM	Adam Herrington
4:50	Discussion	
5:00	Adjourn	

## Tuesday, February 3

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<b>General cross working group session</b>		
9:00	Deep Convective Transport in CAM-Chem is Sensitive to Nudging Analysis Choice	Ren Smith
9:20	Investigating the atmospheric response to radiation belt electron precipitation	Luisa Capannolo
9:40	Aerosol-Ice-Cloud Interactions in a Perturbed Parameter Ensemble	Brandon Duran
10:00	(Preliminary) Fast-track validation of ENSO performance using a comprehensive suite of GFDL models	Jiale Lou
10:20	Coupled development of systematic tropical ENSO-related seasonal forecast errors	Jonathan Beverley
10:40	<b>BREAK</b>	
11:10	QBO impacts on MJO through mesoscale convective systems in the observations and models	Kai Huang
11:30	Implementation of the CMIP7 volcanic sulfur emissions in CESM and its impact in WACCM6 compared to CMIP6	Ilaria Quaglia
11:50	<b>LUNCH</b>	
<b>Overview talks</b>		
1:10	Bridging the Gap Between Field Measurements and CESM: Updates from the INFORM Project	Ryan Patnaude
1:30	PPE-based model calibration in the presence of model structural error	Qingyuan Yang
1:50	Towards a machine learning enhanced version of the Community Earth System Model (CESM3-MLe)	David Lawrence
2:10	Extending CAMulator to Subseasonal Prediction	Kirsten Mayer
2:30	CESM Unified Postprocessing and Diagnostics (CUPiD) package	Mike Levy
2:50	<b>BREAK</b>	
3:20	CAM4 Aquaplanet in CAM-SIMA (System for Integrated Modeling of the Atmosphere) code base and what is in the pipeline	Haipeng Lin & Jesse Nusbaumer
3:50	ESPWG update	
4:10	CVCWG update	
4:30	Discussion session	
5:00	Adjourn	