

## 26<sup>th</sup> Annual CESM Workshop Poster Session on Zoom\*

**Tuesday, June 15**

**15:20 – 16:50**

*\* All times are Mountain Time*

Zoom Room	WG/ Title	Speaker
1	AMWG/ Effects of organized mesoscale convection on the MJO and precipitation in CESM/E3SM	J.Chen
2	AMWG/Desensitizing Deep Convection to Vertical Resolution in CAM	R. Neale
3	AMWG/Improved Convective Ice Microphysics Parameterization in CAM	Lin
4	AMWG/Evaluation of the Predicted Particles Properties (P3) Microphysical Scheme in E3SM at Both Low and High Resolutions	J.Fan
5	Polar/CICE Consortium: Advancing sea ice modeling	E. Hunke
6	Polar and Land Ice/ An updated sea ice concentration climate data record for long-term hemispheric and regional trends and variability	W. Meier
7	Polar and Land Ice/ Ocean Surface Waves in Sea Ice with Floe Fracture in CESM2	C.Bitz
8	Polar and Land Ice/ The CAM6+DART Ensemble Reanalysis Provides a Variety of Datasets for Machine Learning Training and Verification Algorithms.	K. Raeder
9	Polar and Land Ice/ Variable Resolution CESM over the Antarctic Domain: An Initial Evaluation	R. Datta
10	SEWG/ Determining Best Practices for Preservation and Replicability of Model Data	G. Strand
11	SEWG/ Idcpy: A Python Package for Assessing Differences in Large Spatio-temporal Datasets	A.Pinard
12	LMWG/ Simulation of solar-induced chlorophyll fluorescence in CLM5 with representation of leaf-to-canopy radiative transfer	R.Li
13	LMWG/ Rapid lake ice loss before the end of this century	L. Huang
14	LMWG/ The early peak of latent heat fluxes regulates diurnal temperature range in montane cloud forests	R. Gu
15	LMWG/ The Role of El Nino in Modulating the Effects of Deforestation in the Maritime Continent	T. Lee
16	LMWG/ Introducing the CLM5 Land Data Technote	P.Lawrence

17	LMWG/ A Forcing-feedback framework for diagnosing the sensitivity of urban canopy air temperature to anthropogenic heat flux	L. Wang
18	LMWG/ CLM5 Matrix-CN and its applications	Y.Luo
19	CVCWG/ Satellite-Era Climate Responses to Major Wildfires in CESM2	J. Fasullo
20	Diagnosing climate non-stationarities in response to forcing using the CESM1 Large Ensemble and Single Forcing Ensembles	D. Amrhein
21	CVCWG/ Understanding the asymmetry of annual streamflow responses to seasonal warming in the Western U.S.	Z.Ban
22	Fire/ 21st century increases in temporally compounding extreme fire weather and extreme rainfall events over the western United States	D. Tourma
23	Fire/ Fires in the Earth System: The role of aerosols	D. Hamilton
24	Fire/ Fire assimilation impact on the carbon cycle over northern high latitudes with CLM5-BGC	H. Soe
25	Chem/ Sensitivity of Model Simulated Ozone in CESM2 to Emission Inventories: Meteorological Datasets and Chemical Mechanisms	N.Mariscal
26	<b>Informal Networking</b>	
27	<b>Informal Networking</b>	
28	<b>Informal Networking</b>	
29	<b>Informal Networking</b>	
30	<b>Informal Networking</b>	

**\*Contact Elizabeth Faircloth ([fair@ucar.edu](mailto:fair@ucar.edu)) with any questions or changes related to the online poster session**