

27th Annual CESM Workshop EARTH SYSTEM PREDICTION WORKING GROUP MEETING

Thursday, June 16

** All times are Mountain Time*

Time	Topic / Title	Speaker
8:30	Welcome and logistics	
8:35	Identifying State-Dependent Predictability of Sea Surface Temperatures in CESM2 with Artificial Neural Networks	Emily Gordon
8:50	Subpolar North Atlantic cold extremes in CESM initialized predictions	Elizabeth Maroon
9:05	Using neural networks to predict temporary slowdowns in decadal climate warming trends	Zachary Labe
9:20	The influence of Biomass Emissions on ENSO and its Teleconnections in CESM2	John Fasullo
9:35	Predictability of Long-lived Marine Heatwaves: A Case Study of the 2013-2015 Northeast Pacific	Evan Meeker
9:50	Robust Changes in North America's Hydroclimate Variability and Predictability	Sanjiv Kumar
10:05	BREAK	
10:30	Machine Learning-based Assessment of the Representation and Predictability of North American Weather Regimes	Maria Molina
10:45	Did stratospheric variability drive the extreme cold air outbreak in the United States in February 2021?	Nicholas Davis
11:00	Land surface initializations contribute most to the sub-seasonal soil moisture forecast skill	Yanan Duan
11:15	State-dependent predictability of S2S forecasts using the python package climpred	Judith Berner
11:30	Co-Chair Updates & Discussion	Co-Chairs
12:30	Adjourn	