

2023 CESM Workshop

Earth System Prediction Working Group Meeting

Tuesday June 13, 2023

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

Time	Topic	Speakers
Center Green Auditorium / North Bay		
YouTube Streaming: https://youtube.com/live/rSYCw46XRR0?feature=share		
1:30	Welcome and logistics	Co-chairs
1:40	Seasonal Predictability of Weather Type Frequencies Over the Contiguous United States	Erin Towler
2:00	Increase in MJO predictability under global warming	Danni Du
2:20	Future changes in seasonal climate predictability	Dillon Amaya
2:40	Disentangle the North American Monthly Precipitation Predictive Skill from Different Time-scales and Initial Conditions	Lantao Sun
3:00	BREAK	
3:30	The Logic and Ethics of Actionable Science: Recommendations for Responsible Use of Earth System Models for Applied Purposes	Monica Morrison
3:50	Climate Model Simulations of Wind and Solar Droughts: Impact of Model Resolution and Bias	R. Saravanan
4:10	Reduced Southern Ocean Warming Enhances Global Skill and Signal-to-Noise in an Eddy-Resolving Decadal Prediction System	Steve Yeager
4:30	An interpretable neural network approach to identifying sources of predictability on decadal timescales in the CESM2-LE	Emily Gordon
4:50	Predictability of the Pacific Decadal Oscillation: Remote and Local Drivers	Evan Meeker
5:10	Open Discussion	