

2023 CESM Workshop (Ultra-) High Resolution and Regionally-Refined Modeling

June 2023

Monday June 12

* All times are MST; **Speakers:** please leave 2 min at the end of your slot for questions.

Time	Topic	Speakers
Overview:		
<i>Center Green Auditorium / Center Bay / North Bay</i>		
YouTube Streaming: https://youtube.com/live/StRqiKKejLI?feature=share		
16:00-16:05	Welcome and Logistics	
16:05–16:15	Future Storm-Resolving Configurations of CESM	Jim Hurrell
16:15–16:25	Years-long warmed-climate simulations in the GFDL X-SHIELD global storm resolving model (<i>ONLINE</i>)	Lucas Harris
16:25–16:35	Atmospheric and Ionospheric Responses to Hunga-Tonga Volcano Eruption Simulated by WACCM-X	Hanli Liu
16:35–16:45	Modeling Air Quality with Variable Resolution in CESM	Louisa Emmons
16:45–16:55	Climate applications of VR-CESM: from glaciers to convection	Adam Herrington
16:55–17:05	PaleoWeather: leveraging high- and variable-resolution simulations with paleoclimate data to study weather and climate extremes	Bette Otto-Bliesner
17:05–17:15	High-resolution coupled climate modeling for hydrometeorology and terrestrial hydrology in Alaska and Yukon (<i>ONLINE</i>)	Yifan Cheng
17:15–17:25	The Future of Climate Modeling with CESM: Balancing High Resolution and Accessibility	Jim Edwards
17:25–17:35	Survey Results	
17:35–18:00	Discussion and Concluding Remarks	
18:00	ADJOURN	