

27th Annual CESM Workshop CLIMATE VARIABILITY AND CHANGE WORKING GROUP MEETING

Wednesday, June 15, 2022

* All times are Mountain Time

Time	Topic / Title	Speaker
13:00	Welcome and logistics	Isla Simpson
13:05	Disentangling the impacts of stratospheric ozone depletion and tropospheric ozone increases on Southern Ocean interior warming	Wei Liu
13:17	Simulations of the Seasonal Hydroclimate of the Caribbean under various CESM Models	Carlos Martinez
13:29	The Impacts of Mediterranean SST-Nudging on Performance of Community Earth System Model (CESM) in Representing the Euro-Mediterranean Climate	Emir Toker
13:41	Diagnosing Two-Way Coupling in Decadal North Atlantic SST Variability Using Time-Evolving Self-Organizing Maps	Qinxue Gu
13:53	Impact of tropical cyclone winds on El Nino	Hui Li
14:05	CVCWG update and open discussion	Isla Simpson
14:20	Break	
14:30	Projected future changes in the role of Ekman heat flux on SST variability	Mahdi Hasan
14:42	A Large Forcing Attributed to the Variability of Biomass Burning Emissions in CESM2	Kyle Heyblom
14:54	Changes in the North American Temperature Extremes Associated with the Shift in the Northern Annular Mode	I Gusti Ayu Diah Valentina
15:06	Impacts of Arctic sea ice loss on global ocean circulations and interbasin ocean heat exchanges	Shouwei Li
15:18	Impact of the Pacific sector sea ice loss on the sudden stratospheric warming characteristics	Jiarong Zhang
15:30	The Impact of Sea-Ice Loss on Arctic Climate Feedbacks and their Role for Arctic Amplification in CESM1 and ERA5	Matthew Jenkins
16:42	Decomposing Projection Uncertainty for the Seasonal Evolution of Arctic Amplification	You-Ting Wu
16:54	Estimating effect of ocean circulation changes in historical forcing impact on late 20th century monsoon climate with the CESM1 Slab Ocean Model	Haruki Hirasawa

16:06	Discussion	
16:30	Adjourn	