

2020 CESM Workshop		
June 15-17, 2020		
Polar Climate, PaleoClimate and Land Ice Working Groups		
Time	Title	Presenter
8:30 AM	Increases in Northern Hemisphere vegetation cover as a potential solution to the Holocene Temperature Conundrum	Alexander Thompson, U. Michigan
8:45	Moist climate across the North Africa and subtropical Eurasia in mid-Pliocene models and proxies	Ran Feng, U. Conn,
9:00	Can we directly estimate ECS using LGM climate reconstructions?	Jiang Zhu, NCAR,
9:15	Progress on variable resolution for polar science	Adam Herrington, NCAR,
9:30	Evolution of the Indian monsoon since the last glacial maximum: forcing vs feedbacks	Chetankumar Jalihal, Indian Institute of Science,
9:35	Speleothems of South American and Asian Monsoons Influenced by a Green Sahara	Clay Tabor, University of Connecticut,
9:40	Dynamic Effect of Last Glacial Maximum Ice Sheet Topography on the East Asian Summer Monsoon	Yu Gao, Peking University,
9:45	Hydroclimate Footprint Accompanying Pan-Asian Monsoon Water Isotope during the Last Deglaciation	Zhengyu Liu, Ohio State University,
9:50	MJO-like Variability in the Eastern Pacific during the Pliocene.	Nagaraju Chilukoti, Yonsei University,
9:55	Glacial AMOC: Strength versus Depth	Andreas Schmittner, Oregon State University
10:00	Collapse of the Deep-Sea Circulation during the PETM with implications for the extinction of benthic foraminifera	Arne Winguth, University of Texas-Arlington
10:05	Break	
10:15	Discussion (CESM Tutorial, Interest in joint experiments)	
10:35	Arctic Freshwater Storage and Export in CMIP6 Models	Hannah Zanowski, U. Colorado,
10:50	Opposite responses of the dry and moist eddy heat transport into the Arctic in the PAMIP experiments	Alexandre Audette, University of Toronto,
11:05	Arctic Amplification as a Rapid Adjustment to Increased CO2	Tyler Janoski, Columbia University,
11:20	Polynyas and Antarctic Slope Current in iHESP-CESM simulation	Xiliang Diao, Texas A&M University,
11:35	Integrating proxy and model estimates of Antarctic climate variability over the last millennium	Olivia Truax, University of Otago
11:40	Forced Changes in the Arctic Freshwater Budget Emerge in the Early 21st Century	Alexandra Jahn, U. Colorado,
11:45	Detecting Arctic sea ice melt onset with a satellite simulator	Abigail Smith, U. Colorado,
11:50	The influence of sea ice thickness on transient climate change: a case for tuning from CESM2	Jennifer Kay, U. Colorado,
11:55	Large Arctic Warming from Ozone-Depleting Substances in the Latter Half of the 20th Century	Mark England
12:00	Multi-scale Arctic sea ice modeling with a grid hierarchy in CESM	Shiming Xu, Tsinghua University,
12:05	Atmospheric teleconnection processes linking winter air stagnation and haze extremes in China with regional Arctic sea ice decline	Yufei Zou, Pacific Northwest National Laboratory,
12:10	Joint working group meeting adjourns	
12:20	Individual working group lunch session discussions	