NCAR UCAR | COMMUNITY EARTH SYSTEM MODEL CESM ™

30th Annual CESM Workshop

Paleoclimate Working Group (PaleoWG) Meeting

Wednesday, June 11th, 13:00–16:00 MDT

**All times are in Mountain Daylight Time (MDT). Talks are 15 minutes with 3–5 minutes for questions.*

Time	Topic	Speakers
13:00–13:15	***WELCOME*** & Seawater isotopic signatures of Pliocene tropical ocean	Ran Feng
13:15–13:30	Vegetation-climate feedbacks in the Pleistocene using iCESM1.3 and BIOME4	Elke Zeller
13:30–13:45	Impact of aerosol changes on Earth's pre-anthropogenic radiative budget (*REMOTE*)	Irina Thaler
13:45–14:00	Investigating the Physical State of the Modeled Eocene Ocean After Full Equilibration (*REMOTE*)	Adam Aleksinski
14:00–14:15	The Influence of Tethys and Central American Seaway on Climate during the Miocene Climatic Optimum (*REMOTE*)	Hamida Ngoma Nadoya
14:15–14:30	Constraining Antarctic ice sheet stability during the Last Interglacial (*REMOTE*)	Joseph Schnaubelt
14:30–15:00	***BREAK***	
15:00–15:15	Persistently active El Niño–Southern Oscillation since the Mesozoic	Xiang Li
15:15–15:30	Angiosperm tree heights during the Cretaceous Terrestrial Revolution: Evidence from the Upper Campanian Jose Creek Formation, south-central New Mexico	Garland Upchurch
15:30–15:45	Reconciling model and proxy records in late Cretaceous ocean simulations	Maya Tessler
15:45–16:00	Advancing Deep-Time Climate Reconstruction with a New Online Paleoclimate Data Assimilation Approach in CESM	Feng Zhu
16:15–17:00	***WORKSHOP PLENARY***: Wrap-up & General discussion	

Posters (*Monday, June 9th, 17:00–19:30 MDT*)

Exploring the upper ocean fingerprint of Atlantic Meridional Overturning Circulation in mid-Miocene simulations	Anta-Clarisse Sarr
Water isotopes in tree rings track neotropical climate dynamics	Isabel González
Simulating Water Isotopes in the Early Triassic Using iCESM1.3: Implications for Paleotemperature Reconstruction	Hanchen Song
Investigating the role of biogenic emissions in land-atmosphere interactions during the Mid-Piacenzian Warm Period	Sophia Macarewich
Examining the State Dependence of Cloud Feedback Using a Perturbed Parameter Ensemble	Jiang Zhu