

CESM Paleoclimate Working Group

Paleoclimate Advances Webinar Series (PAWS)

8th Webinar

10:00–11:00 am (MT), Friday, May 26, 2023

Sign-up for Zoom link: <https://groups.google.com/a/ucar.edu/g/paws>

Progress and uncertainties in global & hemispheric temperature reconstructions of the Common Era

Bio: Dr. Kevin Anchukaitis is a Professor of Earth Systems Geography at the University of Arizona. As a paleoclimatologist and dendrochronologist, Kevin specializes in the reconstruction and analysis of climate variability and change over the Common Era and the interaction between past climate and human society. Kevin's research uses an array of techniques to develop and interpret evidence for past, present, and future climate dynamics across a range of temporal and spatial scales. These include dendroclimatology, climate field reconstruction and spatiotemporal data analysis, stable isotopes, proxy systems modeling, and the integration of paleoclimate data with climate model simulations.



Kevin Anchukaitis
University of Arizona

Progress of visual light-based techniques for improving the spatiotemporal coverage of tree ring temperature proxy records for North America

Bio: Dr. Karen King is a Postdoctoral Research Scientist at the Lamont-Doherty Earth Observatory, Columbia Climate School. Karen's research focuses on Quaternary landscape dynamics and paleoenvironmental reconstruction. She uses dendrochronology and spatial analysis to investigate landscape-scale dynamics and to integrate present-day climatic and ecological processes with those that functioned in the past and those that are likely to be altered in the near-future. Karen's recent research focuses on the refinement and application of blue intensity methods to develop a highly collaborative, tree-ring based, paleotemperature proxy network, covering much of North America. Karen will join the University of Tennessee Knoxville as an assistant professor this fall.



Karen King
Lamont-Doherty Earth
Observatory

Steering committee: Tripti Bhattacharya, Syracuse U
Bronwen Konecky, Washington U
Clay Tabor, U. of Connecticut

Ran Feng, U of Connecticut
Chijun Sun, NCAR
Jiang Zhu, NCAR