



Extreme Drought

Modeling the Risks of Climate Variability

Speaker: Samantha Stevenson, Ph.D.

Date and Time: Friday September 10, 2021, 7 PM

Pre-registration required at www.ieee-bv.org/meet/2021-09-drought

Extreme Weather: Drought

Modeling the Risks of Climate Variability

Dr. Samantha Stevenson's research goals relate to understanding how large-scale climate variability responds to changes in climate, how we can improve our inferences of those changes using paleoclimate archives, and using that information to improve the representation of climate variability in climate models. In this talk, Dr. Stevenson will share what extreme weather models reveal about megadrought events.

Speaker: Samantha Stevenson, Ph.D.

Dr. Samantha Stevenson is an assistant professor in the Bren School of Environmental Science & Management at UC Santa Barbara, where she studies climate change impacts on the tropical Pacific and drought in the southwest US using a combination of ocean and climate models, field observations, and paleoclimate "proxy" reconstructions. She is also affiliated with the Interdepartmental Graduate Program in Marine Sciences, and collaborates closely with the UCSB Geography Department. Prior to this she was a project scientist at the National Center for Atmospheric Research (NCAR) and was an NSF Ocean Sciences Postdoctoral Research Fellow at the University of Hawaii-Manoa Department of Oceanography working with Brian Powell. She completed her PhD at the University of Colorado-Boulder's Atmospheric and Oceanic Sciences Department.

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