

## **Dr. Daniel Winkler**

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Daniel Winkler joined the Environmental System Sciences (ESS) program as a program manager in 2024. He manages a portfolio of experimental and modeling research that includes resilience of natural and built systems, ecological, hydrological, atmospheric, and socioeconomic sciences. He serves as the lead for the DOE's Resilience Centers (RC) and the Urban Integrated Field Laboratories (IFL).

Daniel earned a PhD in Ecology and Evolutionary Biology from the University of California (UC), Irvine and a MS in Environmental Systems from UC Merced. Before joining the ESS team, Daniel worked as a Research Ecologist at the U.S. Geological Survey's (USGS) Southwest Biological Science Center. His research focused on direct and indirect impacts to native plant systems and their interactions with ecological restoration, conservation, and land management activities throughout drylands systems in the western U.S. He also has experience studying native and invasive plant species in alpine systems in the U.S., Mexico, and Japan.

Prior to his time at USGS, Daniel worked for multiple federal agencies, including the National Park Service, the Bureau of Land Management, and the U.S. Fish and Wildlife Service. Daniel's interests extend beyond climatological and ecological processes and also include decision-making and the drivers that influence public lands and their management. Daniel was recently elected as an [Early Career Fellow to the Ecological Society of America](#) for advancing the science of ecology and showing promise for continuing contributions.