

UC ANR Water Webinar



“The Great Drought of 2020-2021 - Is it over, and what are the challenges if it isn't?”

By: Professor Jay Lund, UC Davis

Friday November 19, 2021, 3 - 4 PM

Join Zoom Meeting:

<https://ucmerced.zoom.us/j/93722796133?pwd=a2FsKzBTUGVtOEovSTNVanRSNjZMdz09>

Meeting ID: 937 2279 6133; Passcode: 92837

Speaker Bio: Jay Lund is a Professor of Civil and Environmental Engineering at UC Davis and a member of the US National Academy of Engineering. Dr. Lund has research and teaching interests in the application of systems analysis, economic, and management methods to infrastructure and public works problems. His recent work is primarily in water resources and environmental system engineering, but with substantial work in solid and hazardous waste management, dredging and coastal zone management, and some dabbling in urban, regional, and transportation planning. While most of this work involves the application of economics, optimization, and simulation modeling, his interests also include more qualitative policy, planning, and management studies.

Abstract: The 2020 water was the 9th driest on record for northern California (in terms of precipitation). The following 2021 water year was the third driest year on record. Both years were warm, with greater evaporation and less runoff than would have been expected from their precipitation. This talk will review the drought so far, whether the record-setting rains of late October ended the drought, and look at prospects if the drought continues with one or more additional dry years. Some discussion will be made on California's preparation for droughts, areas of insufficient preparation, and the impossibility of ending all drought impacts in this semi-arid state, especially with a warming and more variable climate.