

UC ANR Water Webinar



California's Fourth Climate Change Assessment for the San Joaquin Valley Region

By: Dr. Angel Santiago Fernandez Bou

Sierra Nevada Research Institute & Water Systems Management Lab, UC Merced

Day/Time: Friday 4/15, 3 - 4 PM

Join Zoom Meeting:

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

Meeting ID: 937 2279 6133; Passcode: 92837

Speaker Bio: Dr. Angel S. Fernandez-Bou is a researcher at UC Merced and the current president of the nonprofit organization SEEN (SocioEnvironmental and Education Network). He works on multidisciplinary projects to preserve resources and habitat for society and nature, with a focus on solutions for Biosystems challenges that require combinations of Engineering, Environmental, and Socioeconomic approaches. Angel S. holds a PhD in Environmental Systems (UC Merced), a MSc in Biosystems Eng. (UFF, Brazil), and a BEng in Agricultural Eng. (UPM, Spain).

Abstract: For the first time, the San Joaquin Valley had a report exclusively focused on climate change in the region. In this talk, I will summarize the effects of climate change on the Valley's climate, infrastructure, ecosystems, agriculture, and humans. Then, I will discuss several mitigation and adaptation strategies, including using the agricultural identity of the San Joaquin Valley to mitigate climate change, and some adaptation strategies to provide resilience to rural disadvantaged communities and ecosystems to cope with the early and future effects of climate change.

Link to the report: https://www.energy.ca.gov/sites/default/files/2022-01/CA4_CCA_SJ_Region_Eng_ada.pdf

In Spanish: https://www.energy.ca.gov/sites/default/files/2022-01/CA4_CCA_SJ_RegionHilites_Spanish_ada.pdf

Host: Safeeq Khan & Ellen Bruno, CE Specialists UC ANR