

SOUTHERN ILLINOIS UNIVERSITY
and
UNIVERSITIES COUNCIL ON WATER RESOURCES PRESENT

Irrigation and Conservation in a Changing Climate



(Dr. Nocco - [bio](#))

Dr. Mallika Nocco

Soil-Plant-Water Relations & Irrigation Management
Dept. of Land, Air, and Water Resources
University of California Davis

Webinar - Free and open to the public.

Wednesday, April 26, 2023, 12PM CT

Join the meeting on Zoom - click [here](#).

Interested in water and soil management strategies that may increase specialty crop system resilience in a changing climate?

Across the U.S. farmers are producing fruits, nuts, and vegetables under increasingly extreme temperature, precipitation, and aridity, with weather whiplash occurring in California and elsewhere. Come learn how CA is addressing climate issues in crop production through policies that promote soil health practices to improve drought and flood resilience by improving soil physical characteristics (e.g., infiltration). These policies also incentivize infrastructure to enhance irrigation and energy efficiency, as well as maximize flood capture and recharge.

Dr. Nocco will present her group's research and extension work focused on improving real-time, high-resolution monitoring of soil-plant-water relations using tools like unmanned aerial vehicles—especially for high-value, decadal agroecosystems. They engage with diverse groups of people, offering extension support to interpret information and help make decisions during and in preparation for droughts, heatwaves, and floods.

Come - join the conversation!

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