



WORKSHOP ON “BUILDING RESILIENT NUT CROP SYSTEMS FOR EXTREME AND VARIABLE WEATHER CONDITIONS IN THE CENTRAL VALLEY”

Date: Tuesday, June 9th, 2026 (8:30 am – 2:00 pm)

Location: Room DE Harvest Hall – Stanislaus County Ag Center
3800 Cornucopia Way - Modesto, CA 95358

With: UC Davis, UC Merced, UCCE Stanislaus County, UC ANR

Registration \$20: includes coffee break, lunch meal, workshop materials,
and access to workshop presentations.

Online Registration Link: <https://surveys.ucanr.edu/survey.cfm?surveynumber=49386>

CEU Credits available

WORKSHOP AGENDA

8:00 – 8:30 am: On-site Registration

Session 1 – Issues and Challenges in Nut Crop Production under Extreme and Variable Weather:
Moderator: D. Zaccaria

8:30 – 8:50 am: Extreme Weather Trends and Potential Impacts on Nut Crop Production in the San Joaquin County (T. Pathak, UC Merced)

8:50 – 9:10 am: Weather Effects on Pest Pressure for Nut Crops (J. Rijal, UCCE Stanislaus County)

9:10 – 10:20 am: Industry Panel Discussion on Nut Crop Production Challenges Resulting from Increasingly Variable Weather Conditions (Rep. from the Almond Industry T.B.C.; Rep. from the Pistachio Industry T.B.C.; Nut Crop Consultant T.B.C.)

10:20 – 10:40 am COFFEE BREAK

Session 2 – Tools and Resources for Weather-Adaptive Agriculture: Moderator: J. Rijal

- 10:40 – 11:00 am: Financial Incentives for Resource Efficiency and Climate Risk Mitigation and Eligible Practices (S. Weeks, CDFA - OEFI)
- 11:00 – 11:20 am: CalAgroClimate Decision Support Tools for Managing Risks in Agriculture (T. Pathak, UC Merced)

Session 3 – Case Studies on Regional Practices: Moderator: T. Pathak

- 11:20 – 11:50 am: Whole orchard recycling can sequester carbon, reduce nitrogen leaching, and improve soil fertility while reducing air pollution (B. Holtz UCCE San Joaquin County)
- 11:50 – 12:15 pm: Appraising Inaccuracy and Errors of Almond and Pistachio ET Estimated with Satellite Remote Sensing Models against Ground-based ET Measurements (D. Zaccaria, UC Davis)
- 12:15 – 12:45 pm: Comparing ET Estimates from Satellite Remote Sensing Models for Walnuts against Ground-based ET measurements (A. Zakaria Mohamed, UCCE Stanislaus County)
- 12:45 – 1:00 pm QUESTIONS & ANSWERS and WORKSHOP EVALUATIONS**
- 1:00 – 2:00 pm WORKSHOP ADJOURN & LUNCH**

For questions, please contact:

Abdelmoneim Zakaria Mohamed: UC Cooperative Extension, Stanislaus County: amohamed@ucanr.edu

Jhalendra Rijal, UC Cooperative Extension, Stanislaus County: jrijal@ucanr.edu

Tapan Pathak – University of California, Merced: tpathak@ucmerced.edu

Daniele Zaccaria – University of California, Davis: dzaccaria@ucdavis.edu

Event Description: Join, UCCE Specialists Daniele Zaccaria and Tapan Pathak, UCCE Advisors Jhalendra Rijal, Abdelmoneim Zakaria Mohamed, and Brent Holtz, and other scientists and experts in this in-person Workshop on “Building Resilient Nut Crop Systems for Extreme and Variable Weather Conditions in the Central Valley” on June 9th, 2026 at the Stanislaus County Ag Center in Modesto, CA to learn about the latest research and advances in Weather-Adaptive Production Practices for Nut Crops.

Topics include: Extreme Weather Trends and Impacts, Weather-related Challenges for Nut Crop Production, Inaccuracy and Errors of Satellite-derived ET Estimates for Nut Crops, Effects of Whole Orchard Recycling on Soil Fertility for Nut Crops. A set of information and tools available to manage weather-related risks will also be presented during the Workshop.

Registration fee is \$20 per person and includes participation in the thematic sessions, coffee break, lunch box meal, workshop materials, and access to the workshop presentations.

Who should attend: Nut crop growers, orchard managers, representatives from the nut crop production industry, technical assistance providers, consultants and practitioners, CCAs, CPAs, natural resource managers, personnel from water conservation districts, irrigation districts’ managers, extension specialists and advisors, professional researchers, University students, and representatives from state and federal agencies.

Workshop on “Building Resilient Nut Crop Systems for Extreme and Variable Weather Conditions in the Central Valley”
June 9th, 2026 – Stanislaus County Ag Center, 3800 Cornucopia Way - Modesto, CA 95358