



WORKSHOP ON ADAPTING FRUIT, VEGETABLE, AND BERRY PRODUCTION PRACTICES IN VENTURA COUNTY TO CHANGING AND VARIABLE CLIMATE

Date: Tuesday, March 5th, 2024; 8 am – 1:30 pm

Location: UCCE Ventura County, California Room
669 County Square Dr. suite 100, Ventura, CA 93003

With: UC Davis, UC Merced, Land IQ, UC ANR

Free registration includes coffee breaks, lunch meal, workshop materials,
and access to workshop presentations

Online Registration (free): <https://surveys.ucanr.edu/survey.cfm?surveynumber=42283>

CCA credits applied

WORKSHOP AGENDA

8:00 – 8:30 am: On-site Registration

Session 1 – Issues and Challenges in Vegetable, Berry, and Grapevine Production under Changing Climate: *Moderator: A. Biscaro*

8:30 – 8:45 am: Climate change trends and potential impacts on specialty crops in the Southern Coast (T. Pathak, UC Merced)

8:45 – 9:15 am: Management practices for agricultural pests under a changing climate (Stan Tanaka, PCA, Rio Farms)

9:15 – 10:00 am: Roundtable discussion on production challenges resulting from climate change and variability (all participants)

10:00 – 10:15 am COFFEE BREAK

Session 2 – Tools and Resources for Climate-Smart Agriculture: Moderator: B. Faber

10:15 – 10:45 am: The CDFA Climate-Smart Ag Web Repository (S. Tillman, Land IQ)

10:45 – 11:00 am: CalAgroClimate Decision Support Tools for managing risks in agriculture (T. Pathak, UC Merced)

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

11:00 – 11:20 am: Heat and frost mitigation practices in tree crops (B. Faber, UCCE Ventura County)

11:20 – 11:40 pm Tools for assessing and managing water stress in vegetable and berry production (A. Biscaro, UCCE Ventura County).

11:40 – 12:00 pm: Cover cropping strategies for climate-resilient farms (J. Whiteford – Ventura County RCD)

12:00 – 12:20 pm: Effect of winter cover cropping on radiation dynamics in tree crops (D. Zaccaria, UC Davis)

12:20 – 12:40 pm: Use of Weather Information for Addressing Frost, Heat, and Spray Drift Risks (M. Battany, UCCE San Luis Obispo and Santa Barbara Counties)

12:40 – 1:00 pm: QUESTIONS & ANSWERS and WORKSHOP EVALUATIONS

1:00 – 1:30 pm: LUNCH & WORKSHOP ADJOURN

For questions, please contact:

Ben Faber: UC Cooperative Extension, Ventura County: bafaber@ucdavis.edu

Andre Biscaro: UC Cooperative Extension, Ventura County: asbiscaro@ucanr.edu

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

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

List of speakers/presenters and email contacts:

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

2. Stan Tanaka – PCA Rio Farms: tanakaag@aol.com

3. Stephanie Tillman – Land IQ: stillman@landiq.com

4. Ben Faber: UC Cooperative Extension, Ventura County: bafaber@ucdavis.edu

5. Andre Biscaro: UC Cooperative Extension, Ventura County: asbiscaro@ucanr.edu

6. Jaime Whiteford – Ventura County RCD: jamie.whiteford@vcrd.org

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

8. Mark Battany - UC Cooperative Extension, San Luis Obispo and Santa Barbara Counties: mcbattany@ucanr.edu

Event Description: Join, UCCE Specialists Daniele Zaccaria and Tapan Pathak, UCCE Advisors Andre Biscaro, Ben Faber, and Mark Battany, and other scientists and experts Ventura County RCD, Land IQ, and the Ag. Sector in this in-person Workshop on “Adapting Fruit, Vegetable, and Berry Production Practices in Ventura County to Changing and Variable Climate” on March 5th, 2024 at the UCCE Ventura County office in Ventura, CA to learn about the latest research and advances in Management of Climate Change and Climate Variability Risks.

Topics include: Climate Change Trends and Impacts, Climate-related Challenges for Fruit, Vegetable, and Berry Production, Effects of Overhead Spray, Mulching, and Winter Cover Cropping on Fruit Production, Mitigation of Heat and Drought Stress, and Climate-Adaptive Practices for Fruit, Vegetable, and Berry Production.

A set of information and tools available to manage climate change risks will also be presented during the Workshop. Registration includes participation to the thematic sessions, coffee break, lunch meal, workshop materials, and access to the workshop presentations.

Who should attend: Fruit, vegetable, and berry growers, farm and ranch managers, representatives from the fruit, vegetable, and berry 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.