WORKSHOP ON ADAPTING VEGETABLE, BERRY, AND GRAPEVINE PRODUCTION PRACTICES IN THE CENTRAL COAST TO CHANGING AND VARIABLE CLIMATE

Date: Wednesday, March 6th, 2024 (8 am – 2 pm)

Location: UCCE Monterey County
1432 Abbott St., Salinas, CA 93901

With: UC Davis, UC Merced, UCCE Monterey County, Land IQ, UC ANR

Free Registration includes coffee breaks, lunch, workshop materials, and access to workshop presentations.

Online Registration Link: https://surveys.ucanr.edu/survey.cfm?surveynumber=42329

CEU Credits available

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: M. Cahn*

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

8:45 – 9:15 am: Climate change effects on agricultural pests (Daniel Hasegawa, USDA-ARS)

9:15 – 10:00 am: Grower panel discussion on production challenges resulting from climate change and variability

10:00 – 10:15 am COFFEE BREAK

Session 2 – Tools and Resources for Climate-Smart Agriculture: *Moderator: D. Zaccaria*

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: Available rootstocks and varieties for resilient wine-grape production (L. Bettiga, UCCE Monterey County)

11:20 – 11:40 pm Low Biomass cover crop strategies for protecting water quality in vegetable systems (M. Cahn, UCCE Monterey County).

11:40 – 12:00 pm: Cover cropping strategies for climate-smart and climate-resilient farms (Eric Brennan, USDA-ARS Salinas, CA)

12:00 – 12:20 pm: Weather and climate effects on berry production (M. Bolda, UCCE Santa Cruz County)

12:20 – 12:40 pm: Evapotranspiration and water productivity of wine grapes for various vineyard growing conditions (D. Zaccaria, UC Davis)

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

1:00 – 2:00 pm LUNCH & ADJOURN

For questions, please contact:

Michael Cahn: UC Cooperative Extension, Monterey County: mdcahn@ucanr.edu
Larry Bettiga: UC Cooperative Extension, Monterey County: lbettiga@ucanr.edu
Daniele Zaccaria – University of California, Davis: dzaccaria@ucdavis.edu
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Event Description: Join, UCCE Specialists Daniele Zaccaria and Tapan Pathak, UCCE Advisors Michael Cahn and Larry Bettiga, and other scientists and experts from USDA-ARS and Land IQ in this in-person Workshop on "Adapting Vegetable, Berry, and Grapevine Production Practices in the Central Coast to Changing and Variable Climate" on March 6th, 2024 at the UCCE Monterey County office in Salinas, CA to learn about the latest research and advances in Management of Climate Change Risks.

Topics include: Climate Change Trends and Impacts, Climate-related Challenges for Vegetable, Berry, and Grapevine Production, Effects of Winter Cover Cropping on Vegetable and Grapevine Production, Mitigation of Heat and Drought Stress, and Climate-Adaptive Practices for Vegetable, Berry, and Wine-grape 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: Vegetable, berry, and grapevine growers, farm and ranch managers, representatives from the vegetable, berry, and grapevine 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.