

*Virtual*  
**CLIMATE ACTION &  
 AGRICULTURE SYMPOSIUM**

Presented by the University of California Cooperative Extension-San Diego County

**PROGRAM AGENDA  
 MAY 24-28, 2021**

Mon-Thurs 3:00pm-4:30pm  
 Friday 9:00am-10:30am

Each webinar will open 5 minutes early

**MONDAY, MAY 24**

CE's: 1.5 Crop Management

3:00pm	<b>Welcome and Opening Remarks</b> Jan Gonzales, Program Coordinator, Climate Resilient Agriculture, UCCE, San Diego County Oli Bachie, PhD, County Director and Agronomy Farm Advisor, UCCE, San Diego and Imperial Counties Hannah Gbeh, Executive Director, San Diego County Farm Bureau
3:15pm	<b>Weather Outlook 2021: Trends and Impacts to Agriculture</b> Eric Snodgrass, Principal Atmospheric Scientist, Nutrien Ag Solutions
3:45pm	<b>Heat, Wind, Freeze, Wind, Repeat</b> Ben Faber, PhD, Soils, Water & Subtropical Crops Advisor, UCCE, Ventura County
4:00pm	<b>Wildfire Preparation for San Diego Agricultural Enterprises</b> Jan Gonzales, Program Coordinator, Climate Resilient Agriculture, UCCE, San Diego County
4:05pm	Q & A with Presenters
4:28pm	Closing - Jan Gonzales

**TUESDAY, MAY 25**

CE's: 1.0 Soil & Water Management

3:00pm	<b>Welcome and Opening Remarks</b> Jan Gonzales, Program Coordinator, Climate Resilient Agriculture, UCCE-San Diego County
3:05pm	<b>Irrigation Management: BMPs for In-the-Field Application</b> Gerardo (Gerry) Spinelli, PhD, Production Horticulture Advisor for Nurseries, Floriculture and Controlled Environment Agriculture, UCCE-San Diego County
3:30pm	<b>Irrigation Management: Tools and Technologies to Make Precise Decisions on Irrigation Water Use</b> Ali Montazar, PhD, Irrigation and Water Management Advisor, UCCE- San Diego, Imperial and Riverside Counties
3:50pm	Q & A with Presenters
4:00pm	<b>Clean Energy Resiliency and Microgrids as a Stepping Stone Towards Decarbonization</b> Doug Hipple, Business Development Manager-West Coast, Generac Power Systems Tony Mente, Industrial Solutions Manager, Generac Power Systems
4:28pm	Closing - Jan Gonzales

**WEDNESDAY, MAY 26**

CE's: 1.0 Nitrogen Management

3:00pm	<b>Welcome and Opening Remarks</b> Jan Gonzales, Program Coordinator, Climate Resilient Agriculture, UCCE-San Diego County
3:05pm	<b>Update on the Water Board Agricultural Program</b> Jason DuMond, Environmental Scientist, Commercial Agricultural Program, San Diego Water Board
3:15pm	<b>A System Nitrogen Balance for Container Plant Production</b> Bruno J.L. Pitton, PhD, Staff Research Associate, Plant Sciences Environmental Horticulture/Ornamentals, UC Davis
3:25pm	<b>Nitrogen Management in Organic Agriculture Systems</b> Joji Muramoto, PhD, UC ANR Specialist-Organic Production
3:35pm	<b>Nitrogen Management in Orchard Crop Systems</b> Sonia Rios, Area Subtropical Horticulture Advisor, UCCE, San Diego and Riverside Counties
3:45pm	Q & A with Presenters
4:00pm	Break Out Group Discussions
4:28pm	Closing - Jan Gonzales

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**THURSDAY, MAY 27**

CE's: 1.5 Pest Management, 1.5 "Other DPR"

3:00pm	<b>Welcome and Opening Remarks</b> Jan Gonzales, Program Coordinator, Climate Resilient Agriculture, UCCE-San Diego County
3:05pm	<b>Weed Management: Impacts of Changing Climate and Extreme Weather</b> Chris McDonald, PhD, Inland and Desert Natural Resources Advisor, UCCE, San Bernardino, Riverside, San Diego and Imperial Counties and County Co-Director, San Bernardino County
3:20pm	<b>Insect Pest Management: Impacts of Changing Climate and Extreme Weather</b> Matt Daugherty, PhD, CE Specialist and Entomologist, UC Riverside
3:35pm	<b>Managing Likely Vertebrate Pests Issues After an Extreme Weather Event</b> Niamh Quinn, PhD, Human-Wildlife Interactions Advisor, UCCE - Orange, Los Angeles and San Diego Counties
3:50pm	Q & A with Presenters
4:00pm	Break Out Group Discussions
4:28pm	Closing - Jan Gonzales

**FRIDAY, MAY 28**

CE's: 1.5 Soil & Water Management

9:00am	<b>Welcome and Opening Remarks</b> Jan Gonzales, Program Coordinator, Climate Resilient Agriculture, UCCE-San Diego County
9:05am	<b>Recycled Organics &amp; Compost: Engineering With Nature (EWN) to Manage the Impacts of Climate Change and Improve Soil Health</b> Craig Kolodge, PhD, Business Development & Sustainability Manager, San Pasqual Valley Soils

**SUSTAINABLE AGRICULTURE SUPPORT PROGRAM UPDATES**

9:35am	<b>UC ANR Climate-Smart Agriculture Technical Assistance Program: Helping Growers and Ranchers with CDFA HSP, SWEEP and AMMP Programs</b> Esther Mosase, PhD, Community Education Specialist, UC ANR Climate-Smart Agriculture Program, UCCE, San Diego County
9:45am	<b>UC ANR Food Safety Program: Co-Management of Food Safety and Sustainability/Overview of Food Safety Technical Assistance Program</b> Ramiro Lobo, Agricultural Economics and Small Farms Advisor, UCCE, San Diego County
9:55am	<b>Organic Materials Ordinance-County of San Diego</b> Tyler Farmer, Advance Planning  Planning Manager - Sustainability County of San Diego   Planning & Development Services
10:05am	<b>San Diego County's Renewable Energy Support Resources</b> Moe A. Zarabi, M.P.P, LEED AP-ND, Land Use and Environmental Planner   Planning & Development Services
10:15am	Q & A with Presenters
10:28am	Closing - Jan Gonzales