

UC ANR Water Program Team Meeting

Tuesday-Wednesday, March 9-10, 2021

Agenda

Tuesday, March 9

9:00 AM **Welcome, Introductions, and Overview**

Announcements and Good News—Ellen Bruno and Safeeq Khan, Co-Chairs, Water Program Team

ANR Strategic Communications—Linda Forbes, Director

Introduction of New PT Member

Elia Scudiero, Research Agronomist, UC Riverside, Environmental Sciences

9:30 **Diversity, Equity, and Inclusion in Water**

Underrepresented, Understudied, Underserved—Angel S. Fernandez-Bou, Dept. of Civil and Environmental Engineering, UC Merced

Evaluating ANR's Role in SGMA: Are We Serving all Californians?—Ellen Bruno, CE Specialist in Quantitative Policy Analysis, Ag & Resource Economics, UC Berkeley

Panel Discussion: Research and Extension Programs for Disadvantaged Communities

moderated by David Lewis, Watershed and Watershed Mgmt. Advisor/Director, CE Marin

Ruth Dahlquist-Willard, Small Farms Advisor, CE Fresno

Angel S. Fernandez Bou, Dept. of Civil and Environmental Engineering, UC Merced

Clare Gupta, CE Specialist, Dept. of Human & Community Development, UC Davis

Introduction to DEI Alliance and Invitation to Join Water-Specific DEI Efforts

Marisa Coyne, Academic Coordinator for Volunteer Engagement

Faith Kearns, Academic Coordinator, California Institute for Water Resources

David Lewis, Watershed and Watershed Mgmt. Advisor/Director, CE Marin

Doug Parker, Director, California Institute for Water Resources

10:30 **Break**

10:45 **Priorities, Needs, and Updates from Leadership**

Mark Bell, Vice Provost, Strategic Initiatives and Statewide Programs

David Lewis, Leader, Water Strategic Initiative

Faith Kearns and Doug Parker, California Water Resources Institute

11:30 **Pop-up Talks**

Luke Milliron, Orchard Systems Advisor, CE Butte

Sam Sandoval Solis, CE Specialist, LAWR, UC Davis

Maura Allaire, Dept. of Urban Planning & Public Policy, UC Irvine

12:00 PM **Adjourn**

4:30 PM **Virtual Happy Hour**

Reconnect and socialize with colleagues via structured breakout rooms. Continue 5 min pop-up talks:

Mallika Nocco, CE Specialist, LAWR, UC Davis

Thomas Harter, CE Specialist, LAWR, UC Davis

5:30 **Adjourn**

Wednesday, March 10

Joint Science Sessions with Environmental Horticulture PT

	Concurrent Session 1 Drought & Climate Change	Concurrent Session 2 The Future of Water
9:00	Irrigation Management Research Efforts in the Low Desert Region —Ali Montazar, Irrigation and Water Mgmt. Advisor, CE Imperial and Riverside	A Vision for Re-engineering California Water —David Zilberman, Ag Economist and CE Specialist, Ag & Resource Economics, UC Berkeley
9:15	Drought Adaptation Mechanisms in Plants —Don Merhaut, Nursery and Floriculture CE Specialist, Botany & Plant Sciences, UC Davis	Trees in Green Stormwater Infrastructure—Results of a 5-year Study —Igor Lacan, Environmental Horticulture and Urban Forestry Advisor, CE San Mateo-San Francisco
9:30	Mitigating Climate Change: Enhancing Tree Canopies with Drought-resistant Landscape Trees —Janet Hartin, Area Environmental Horticulture Advisor, CE San Bernardino	Environmental Flows in California —Ted Grantham, CE Specialist, Ecosystem Sciences, UC Berkeley
9:45	Mitigating Heatwave Damage to Cabernet Sauvignon with Partial Shading under Two Irrigation Amounts —Sahap Kaan Kurtural, CE Specialist for Viticulture, Oakville Experiment Station, UC Davis	Agrivoltaics: Scoping, Assessment, and Capacity Development for California —Majdi Abou Najm, Soil Biophysicist, LAWR, UC Davis
10:00	Discussion	Water Use Classification of Landscape Species (WUCOLS) Database: Research trials, Website, Multi-State Evaluation Program —Karrie Reid, Environmental Hort. Advisor, CE San Joaquin
10:20	Break	Break
	Concurrent Session 3 Water Conservation & Incentives	Concurrent Session 4 Groundwater & Water Quality
10:30	Advancing Site-specific Irrigation Management in Southern California —Amir Haghverdi, CE Specialist, Environmental Sciences, UC Riverside	Flood-MAR and a Roadmap to Water Resiliency (Groundwater 2.0) —Graham Fogg, Professor, Hydrology, LAWR, UC Davis
10:45	Landscape Modifications for Water Conservation: A Case Study —John Karlik, Advisor, CE Kern	Biological Treatment of Runoff, Removal of Pesticides —Lorence Oki, CE Specialist, Landscape Architecture, Human Ecology Dept., UC Davis
11:00	A new approach to modeling economics of competition for water —Mehdi Nemati, CE Specialist, Env. and Water Resources, UC Riverside	Developing an effective technical assistance program for improving agricultural water conservation in the Pajaro Valley —Michael Cahn, Irrigation and Water Resources Advisor, CE Monterey
11:15	Use of Master Gardeners to educate homeowners in landscape water management and conservation —Steven Swain, Environmental Horticulture Advisor, CE Marin County	Shifting to winter forage and feed crops on San Joaquin Valley dairies to optimize water use and nutrient management —Steve Kaffka, CE Agronomist, Dept. of Plant Sciences, UC Davis
11:30	What Drives Water Utility Selection of Pricing Methods? Evidence from California —Maura Allaire, Dept. of Urban Planning & Public Policy, UC Irvine	Groundwater Sustainability Planning in the North State: Science at the Interface with Stakeholders —Thomas Harter, CE Specialist, LAWR, UC Davis
11:45	Discussion	Discussion

12 PM Adjourn

Wednesday, March 10

1-4 PM **Precision Agriculture Workgroup Meeting** ([View the agenda](#))

Andre Biscaro and Ali Pourreza, Co-Chairs