

# Environmental Horticulture Program Team

## Agenda

Wednesday, March 10, 2021 (via Zoom)

8:30 AM- 4:00 PM

8:30 Introductions/check in

### Joint Science Sessions with Water PT

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

12 Noon Lunch Break

## **Environmental Horticulture Program Team Business Meeting**

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- 1:00 **Geographic and subject matter 'holes' in ANR EH advisor/specialist coverage**
- 1:30 **Is EH still the right name for us?** Ideas?—discussion led by Heiner Lieth, Professor and CE Crop Ecologist, Dept. of Plant Sciences, UC Davis
- 2:00 **Should we develop a staffing plan for use by ANR decision-makers?** The plan would examine logical shifts in current advisor/specialist assignments, recommend high priority positions for filling over the next 5 years (taking into account the large number of expected retirements), and identify potential external funding partners.
- 2:30 **Discuss opportunities for replicating outreach across the state**  
Green Gardener Certification Program, CEUs for industry, Trees for Tomorrow workshop, Master Gardener continuing education? Others?
- 3:00 **Identify specific EH research and extension projects for knowledge stream**  
Stories, podcasts, webinars, etc. that communicate our work in climate change and other key areas to stakeholders, elected officials and UC colleagues/administration

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### **Non-Water Related Presentations**

- 3:30 Pruning the 'Climate-ready tree projects'—Jim Downer, Advisor, CE Ventura
- 3:40 What's wrong with fire-resistant plant lists'—Steven Swain, Environmental Horticulture Advisor, CE Marin `County
- 3:50 Summarize 'next steps' and select a date for a follow-up Zoom PT meeting in August or pSeptember 2021
- 4:00 Adjourn