



University of California | Agriculture and Natural Resources  
**California Institute for Water Resources**  
 Developing solutions to California's water-related challenges

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**Global Climate Action Summit**

I was honored to be a delegate at the **Global Climate Action Summit** which highlighted efforts to combat climate change. All the delegates were committed to addressing this important issue. Here at the California Institute for Water Resources we support research and extension projects on climate change. From irrigation efficiency to groundwater recharge to stream restoration, our Institute is supporting projects that reduce greenhouse gas emissions and increase carbon sequestration. In addition, we provide technical assistance on a host of **climate smart agriculture programs** sponsored by the California Department of Food & Ag.

There were many events related to the Summit. For example, I attended a two day event on **Scaling Up Climate Smart Agriculture** in Sonoma County. And, parallel to the Summit was the **Water Pavilion**, featuring speakers and networking opportunities on the impacts of climate change on water supplies and management.

These events put into perspective the important work we do at the Institute and with all of our university partners. I am especially heartened by the efforts of scientists to be sure that their work has impact outside academia. *Doug Parker, Director*

**Institute activity highlights**

The Institute has been busy continuing our **training programs** in Nutrient and Irrigation Management for Certified Crop Advisors. In March, Doug Parker, CIWR Director, attended the ThinkWater to Think: X Symposium, which produced some interesting **videos** of efforts to change how we think, learn, and tackle complex water problems. He also participated as part of the project's advisory committee. Doug also co-chaired the planning committee for the UC ANR **statewide conference**, which brought together over 600 employees for four days of training, workshops, seminars, and networking. In June, he helped host the annual **UCOWR/NIWR conference** as a member of both the UCOWR and NIWR boards of directors. In October, CIWR hosted its **10th Biennial Rosenberg International Forum on Water Policy**.

**Faith Kearns**, Academic Coordinator, recently published several articles. They include a peer-reviewed article on **climate change and agriculture** in California led by T. Pathak, commentary on **groundwater management** with D. Parker, and a brief on **climate change training** with T. Grantham, S. Kocher, T. Pathak, and L. Roche. She also recently led two **science communication training sessions** at the UC ANR conference, co-led a **relational communication workshop** at the Society for Conservation Biology meeting, and participated in a conversation climate change, fire, and water at **Uncharted: The Berkeley Ideas Festival** with Tessa Hill of UC Davis.

**The Confluence: New on our blog**

Here are just some of our most recent articles. You can follow and subscribe at: [ucanr.edu/confluence](http://ucanr.edu/confluence).

**California Indigenous perspectives on water and fire** *F. Kearns*

Don Hankins is a professor of geography and planning at Chico State and a Miwoko? (Plains Miwok) traditional cultural practitioner. He has spent his academic career working on water and fire issues in California, with a focus on applied traditional Indigenous stewardship...[READ MORE](#)



Niki Michail

**Listening to communities: A bottom-up approach to water planning in California** *F. Kearns*

Valerie Olson and Emily Brooks are environmental anthropologists at UC Irvine. They have a new project to better understand how communities, particularly the underserved, think about and use their water, and how water agencies can better serve them...[READ MORE](#)



Henney 1225

**How are California water managers thinking about climate change? It depends** *F. Kearns*

When it comes to using climate science to help guide decisions, researchers have found that California water managers fall into three groups based on how they work with scientific information and how they think about the future. While some water managers are actively using climate change science, others are not using it at all...[READ MORE](#)



Faith Kearns

**Son of farmworkers turned professor focuses on water issues in California's Central Valley** *F. Kearns*

Mario Sifuentez is an associate professor of history and director of the UC Merced Center for the Humanities. He says: "I grew up in a migrant farmworker community in the high desert of eastern Oregon. When I came to California, I remember driving down the highway and seeing the 'no water, no jobs' signs. A lot of them were in Spanish, which really struck me." [READ MORE](#)



Our mission is to integrate California's research, extension, and higher education programs to develop solutions to water resource challenges.

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