

UC WATER ACADEMY 2025

Course Description:

Follow a drop of water from the top of the Sierra Nevada, through the Central Valley, to the Bay. Learn about the infrastructure and rivers that move water, as well as the communities that depend on it. The course includes two lectures per week with University of California professors and an optional river rafting trip in summer 2025.



2024 UCWA class at the top of the Tuolumne River watershed in Yosemite

General Topics:

- **California Water Management:** Water infrastructure systems, laws, water rights, and water uses
- **Environmental Issues:** Freshwater ecosystems, biodiversity, water quality, Delta management, and environmental flows.
- **Water Challenges:** Human right to water, urban water management, groundwater, and climate change.
- **Solutions:** Climate adaptation strategies, flood-managed aquifer recharge (Flood-MAR), and ecosystem management.
- **Water-Energy Nexus & Colorado River:** Interdependence of water and energy and Colorado River management.

This course is supported by:



<https://coeqwal.berkeley.edu>

Scan to visit our research fact sheet 

Jan 21st to Mar 14th
Tues & Thurs 5-6 pm

Remote Instruction

45 minutes lecture

10-15 minutes Q&A



You won't see
California's water
the same way

[DRAFT SYLLABUS](#)

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