



Water 101 Workshop

February 7, 2019

***McGeorge School of Law
3327 5th Avenue
Sacramento, CA***

UNIVERSITY OF THE
PACIFIC
McGeorge School of Law



**WATER EDUCATION
FOUNDATION**

Course Description:

A daylong course on California water basics & hot topics, with an optional second-day Groundwater Tour

- 8:30 a.m.** **Registration: Coffee and Pastries**
- 9:00 a.m.** **Introduction and Course Outline**
Jennifer Bowles, Executive Director, Water Education Foundation
- 9:10 a.m.** **California's Natural Water Endowment**
Byron Buck, Water Resources Consultant, Westervelt Ecological Services

Water Geography, History and Hydrology

Surface Water - Major Delivery Systems

- The Gold Rush
- State Water Project
- Central Valley Project
- Bay Area
- Southern California

Wild & Scenic Rivers

Groundwater

Flood Management

Alternative Supplies

- Ocean Desalination
- Water Recycling
- Water Conservation
- Stormwater Capture
- Water Transfers

Discussion – Questions & Answers

10:15 a.m.

Break

10:30 a.m.

Summary of California Water Rights Systems

Jennifer Harder, *Associate Professor, McGeorge School of Law*

- Riparian Rights
- Appropriative Rights
- Reasonable and Beneficial Use
- Public Trust Law and Cases
- Tribal Water Rights
- Groundwater Rights

Discussion – Questions & Answers

11:45 a.m.

Lunch

12:15 p.m.

Current Issues in California Water Management

Jay Lund, *Director of the Center for Watershed Sciences and Distinguished Professor of Civil and Environmental Engineering, UC Davis*

- Actions and consequences leading to today's Delta issues
 - Water quality standards for rivers flowing into the Delta
 - Tunnel proposal
- Ecosystem Management
- System Infrastructure
- Disadvantaged Communities
 - Water tax?
- Climate Change, Drought/El Niño/La Niña
- Salton Sea

Discussion – Questions & Answers

1:15 p.m.

Break

1:30 p.m.

The Water Education Foundation

Jennifer Bowles, *Executive Director, Water Education Foundation*

- Resources for continued learning
- *Western Water* news & other free publications

1:45 p.m.

Groundwater: The Sustainable Groundwater Management Act

Kevin O'Brien *Partner, Downey Brand LLP*

- Groundwater as a Resource
- SGMA Overview
- What's ahead for SGMA

Discussion – Questions & Answers

2:30 p.m.

Break

2:45 p.m.

Legal and Institutional Management Framework

Holly Roberson, *Attorney, Kronick Moskowitz Tiedemann & Girard*

Water Management Institutions

- California Department of Water Resources/State Water Project
- State Water Resources Control Board/Regional Water Quality Control Boards
- Bureau of Reclamation/Central Valley Project
- Fish and Wildlife Resource Agencies
- Delta Stewardship Council
- California Water Commission
- Delta Conservancy
- Regional and Local Water Districts
- CPUC-regulated Water Districts

Summary of Governing Laws

- Clean Water Act
- Safe Drinking Water Act
- Porter-Cologne Water Quality Control Act
- Endangered Species Acts – State and Federal
- Environmental Review Laws – State and Federal
- Delta Reform Act

Discussion – Questions & Answers

3:45 p.m.

Break

4:00 p.m.

Understanding and Working with the State Legislature

Dennis O'Connor, *Principal Consultant for the Senate Committee on Natural Resources and Water*

- The real-life process of passing landmark legislation – How you can participate
- Current and future water issues in the California Legislature
- Legislative priorities

Discussion – Questions & Answers

5:00 p.m.

Adjourn & Distribution of Certificates of Class Completion

