# Water 101: The Basics & Beyond

**February 23, 2023**  
**McGeorge School of Law**  
**Sacramento, CA**

Workshop Scope: A daylong course on California water with an optional one-day tour. Participants will learn California water basics and current topics in water resources history, geography, management, law and politics.

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<tr>
<th><strong>Check-in &amp; Networking</strong></th>
<th>8:30 - 9:00 a.m.</th>
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<tr>
<th><strong>Welcome &amp; Workshop Overview</strong></th>
<th>9:00 - 9:15 a.m.</th>
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| **Jenn Bowles** | Executive Director  
Water Education Foundation |

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<tr>
<th><strong>California’s Natural Water Endowment</strong></th>
<th>9:15 - 10:15 a.m.</th>
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| **Byron Buck** | Director of Natural Resources  
Conaway Preservation Group |
| **Session details:** Overview of California water geography, history & hydrology. Topics covered include: major water infrastructure projects, wild & scenic rivers, groundwater, flood management & alternative supplies. |

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<th><strong>Break</strong></th>
<th>10:15 - 10:30 a.m.</th>
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<tr>
<th><strong>Fundamentals of California Groundwater</strong></th>
<th>10:30 - 11:30 a.m.</th>
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| **Claudia Faunt** | Hydrologist  
U.S. Geological Survey, California Water Science Center |
| **Session details:** Overview of California groundwater; its importance to the state’s water supply, its history of use & overuse and the Sustainable Groundwater Management Act. |

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<th><strong>Getting to Know the Water Education Foundation</strong></th>
<th>11:30 - 11:45 p.m.</th>
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| **Jenn Bowles** | Executive Director  
Water Education Foundation |
| **Session details:** An introduction to the Water Education Foundation, including programs such as tours, resources for continued learning & publications. |

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<th><strong>Lunch</strong></th>
<th>11:45 a.m. - 12:15 p.m.</th>
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### Public & Private Rights in California Water
12:15 - 1:30 p.m.

**Jennifer Harder**  
*Professor of Law, Legal Practice*  
McGeorge School of Law

**Session details:** Understanding riparian, appropriative, tribal & groundwater rights in California, an overview of reasonable & beneficial use, public trust law & related cases.

### Break
1:30 - 1:45 p.m.

### Legal & Institutional Management Framework
1:45 - 2:45 p.m.

**Michelle E. Chester**  
*Shareholder*  
Somach Simmons & Dunn

**Session details:** Understanding the water management institutions & regulatory agencies in California & their respective roles, summary of governing laws at both the state & federal level.

### Break
2:45 - 3:00 p.m.

### Understanding & Working with the State Legislature
3:00 - 4:00 p.m.

**Pablo Garza**  
*Chief Consultant*  
California State Assembly, Committee on Water, Parks & Wildlife

**Session details:** The real-life process of passing landmark legislation & how you can participate, current & future water issues & priorities for the California Legislature.

### Break
4:00 - 4:15 p.m.

### California’s Hydrologic Extremes
4:15 - 5:00 p.m.

**Mike Anderson**  
*State Climatologist*  
California Department of Water Resources

**Session details:** An overview of the current & projected impacts of climate change to water resources in California & beyond, plus a look at adaptation paths that maintain supply reliability & reduce flood risk.

### Adjourn
5:00 p.m.