



## ***INNOVATIVE WATER TECHNOLOGIES FOR CALIFORNIA WORKSHOP***

**This workshop is brought to you on behalf of  
MCWRA Associate Members - Free of Charge**

**March 23, 2018**

**Program: 9:00 a.m. to 2:00 p.m.**

**8:15 a.m. Doors Open/Networking**

**9:00 a.m. Welcome/Introductions**

**Location:**

**The Ridge Golf Course & Events Center  
2020 Golf Course Road, Auburn, CA 95602**

**RSVP: <https://www.brownpapertickets.com/event/3347140>**

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## **PROGRAM AGENDA**

- 9:00 a.m.    Welcome / Introductions**  
John Kingsbury, Executive Director, MCWRA
- 9:15 a.m.    Advances in Data Acquisition Technology for Water and Hydropower Monitoring**  
Matt Buche, PG, and Zach Washburn, CEG, SAGE Engineers, Inc.
- 9:45 a.m.    Pretreatment Design for Wildfire Runoff**  
Jacob Rowe, Staff Engineer, PETERSON . BRUSTAD . INC
- 10:15 a.m.    Better, Faster, Smarter: Utilizing Adaptive Management, Technology and Basic Science to Simplify Permitting Requirements for In-Water Work**  
John Spranza, Principal Biologist / Regulatory Specialist, HDR
- 10:45 a.m.    Networking Break**
- 11:00 a.m.    Hands Off: A Review of Today's Research Landscape and the Modern Tools That Don't Require Fish Handling**  
Gabriel Kopp, Senior Aquatic Biologist and Fisheries Business Class Lead, HDR
- 11:30 a.m.    State of Practice for Spillway and Gate Inspections and Analyses**  
Kevin Gerst, Project Manager, PETERSON . BRUSTAD . INC
- Noon            SPONSOR HOSTED LUNCH**
- 1:00 p.m.    Improving Your Delivery System    Resiliency: Hazards Evaluation of Tunnels and Canals**  
Ron Skaggs, PE, GE, QSD, Vice President of Engineering, Condor Earth
- 1:30 p.m.    Application of Unmanned Aircraft Systems (UAS) in Water Resources Industry**  
Alonso Morales, AECOM
- 2:00 p.m.    Wrap Up**
- Contact:**    *John Kingsbury, Executive Director  
Mountain Counties Water Resources Association  
[johnkingsbury.mcwra@gmail.com](mailto:johnkingsbury.mcwra@gmail.com)  
(530) 957.7879*