



INNOVATIVE WATER TECHNOLOGIES FOR CALIFORNIA WORKSHOP

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**

SPONSORS/PARTICIPANTS



AECOM



PETERSON . BRUSTAD . INC
ENGINEERING . CONSULTING



SAGE
ENGINEERS

HDR

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, Commercial UAS Pilot, AECOM
- 2:00 p.m. Wrap Up**