



# Operator Symposium

Tuesday, March 27, 2018  
 Up to 6 contact hours each day

TIME	OPERATOR 101	TITLE 22 REGULATIONS & LAB ACCREDITATION	WATER LOSS CONTROL & METERS/AMI	MANAGEMENT/LEADERSHIP/ PROFESSIONAL DEVELOPMENT
8:00 - 8:50 AM	Drinking Water Regulations: Past, Present and Future <i>Dr. Bruce Macler, USEPA Region 9</i>	California Waterworks Standard <i>Stefan Cajina, SWRCB-Division of Drinking Water</i>	Field Testing Commercial/Industrial Meters <i>Neal Velez, City of San Jose</i>	Engineers and Operators Without Borders: Working Together to Promote Leadership and Learning Opportunities Through the Sharing of Theoretical and Institutional Knowledge <i>Ryan Gabriel, San Francisco Public Utility Commission</i>
8:50 - 9:30 AM	<b>BREAK</b>			
9:30 - 10:20 AM	Oxidation, Coagulation, Clarification <i>Craig Thompson, West Yost Associates</i>	Revised TCR and Groundwater Rule <i>George Chien, SWRCB-Division of Drinking Water</i>	Field Testing Large Master/Production/Wholesale Meters <i>Mike Simpson, M.E. Simpson Company, Inc.</i>	EBMUD Growing Leaders Through Metrics <i>Antonio Martinez, East Bay Municipal Utility District</i>
10:20 - 11:00 AM	<b>BREAK</b>			
11:00 - 11:50 AM	Jar Testing Fundamentals <i>Scott Rovnpera, City of Benicia</i>	Disinfection Byproduct Rule Case Studies <i>Jonathan Weininger, SWRCB-Division of Drinking Water</i>	Bench Testing Meters <i>Mike Mastic &amp; Jeff Butt, MARS Company</i>	Benefit Your Agency and Advance Your Career <i>Glenn Wilkins, Metropolitan Water District of Southern California</i>
12:00 - 1:00 PM	<b>LUNCH - COMPETITIONS</b>			
1:00 - 1:50 PM	Harmful Algal Blooms: A Threat to Water Quality <i>Cynthia Williams, USEPA Region 9</i>	How the Changes in ELAP Regulations Will Affect Water Quality Laboratories and WQ Staff <i>Jeffry Dennis &amp; Miriam Ghabour, Metropolitan Water District of Southern California</i>	Bottoms Up Apparent Loss Detection: Two California Case Studies <i>Christine Boyle, Valor Water Analytics</i>	Responding to Emergencies: The Vital Role of Experienced Operators in Disaster Response <i>Peter Brooks, waterTALENT</i>
2:00 - 2:50 PM	Turbidity: Principles & Methodologies <i>Ohm Kontang, Reliable Water Solutions</i>	Title 22 Primary & Secondary Standards <i>Scott Rovnpera, City of Benicia</i>	Water Loss: Is it Lost or is it Misplaced? <i>Kris Williams, Water Systems Optimization</i>	Career Management and Effective Interviewing <i>Jim Fisher, San Diego County Water Authority</i>
3:00 - 3:50 PM	Laboratory Techniques for Operators <i>Jason Frink, City of Vallejo Gabe Aispuro, City of Napa</i>	USEPA Drinking Water Regulations Update <i>Dr. Bruce Macler, USEPA Region 9</i>	Electronic & Volumetric Calibration of a WTP Production Meter <i>Scott Rovnpera, City of Benicia</i>	Introduction to the Apprenticeship Program and the Challenges with Training New Employees and Replacing a Retiring Workforce <i>Tim Kennedy, San Francisco Public Utility Commission</i>



# Operator Symposium

Wednesday, March 28, 2018  
 Up to 6 contact hours each day

TIME	SYSTEM MAINTENANCE & PLANT MAINTENANCE	CONVENTIONAL & ADVANCED TREATMENT	DISTRIBUTION SYSTEMS (WQ/OPERATION)	TOP-OP'S CHALLENGE
8:00 - 8:50 AM	If the Lights Go Out, is the Water Still On? A Practical Guide to Generator Planning, Maintenance and Operation <i>Michael Fogel &amp; Juan Lopez, California Water Service Company</i>	Like Sands Through an Hourglass: This is Micro-Ballasted Flocculation <i>Matthew Schmidt, City of Fairfield</i>	Unidirectional Flushing 101 <i>Bryan Rinde, Golden State Water Company</i>	Top-Op's Challenge
8:50 - 9:30 AM	<b>BREAK</b>			
9:30 - 10:20 AM	Automatic Control Valves and Your Distribution System: A Case Study of Operations, Maintenance and Failures <i>Randy Harris &amp; Chuck Chittock, California Water Service Company</i>	Filter Maintenance & Media Assessment <i>Rick Langlois, ERS Industrial Services</i>	Fundamentals of Chloramination <i>Tarah Henrie, Corona Environmental Consulting</i>	Top-Op's Challenge
10:20 - 11:00 AM	<b>BREAK</b>			
11:00 - 11:50 AM	Well Evaluation and Maintenance Program, an Overview with Project Examples <i>Geoffrey Bates, California Water Service Company</i>	Polymers Feed Principles <i>Yong Kim, UGSI Solutions</i>	Nitrification Prevention <i>Tarah Henrie, Corona Environmental Consulting</i>	Top-Op's Challenge
12:00 - 1:00 PM	<b>LUNCH - COMPETITIONS</b>			
1:00 - 1:50 PM	Pressure Reducing Valves O&M <i>Joe Passalacqua, ClaVal</i>	Ozone & Advanced Oxidation <i>Dr. Urs Von Gunten, UC Berkeley</i>	Lessons Learned From Implementing a Zero Discharge Flushing Program <i>Sarah Richardson, San Jose Water Company</i>	
2:00 - 2:50 PM	How to Develop a Proactive Maintenance Schedule to Reduce Cost and Minimize Unplanned Failures <i>Glenn Reynolds, Water Solutions Incorporated</i>	Pure Water Monterey Advanced Water Purification Facility: Overview of AWP Operations and Startup Considerations <i>Todd Reynolds, Kennedy/Jenks Consultants</i>	Identifying Levels of Corrosion and When to Take Action <i>Glenn Willson, V&amp;A Consulting Engineers</i>	
3:00 - 3:50 PM	Leak Detection: The Equipment & Methods <i>Steve Dennis, M.E. Simpson Company, Inc.</i>	Water Quality Aspects of Advanced Treated Water: A Work in Progress <i>James Vickers, Separation Processes, Inc.</i>	Condition Assessment of Water Facilities by Operators <i>Noy Phannavong, V&amp;A Consulting Engineers</i>	