

Day #1: Feb 1	Water Ops (RCAC)	Wastewater	Water/Misc	Young Professionals
8:00am-8:30am		AWWA & HWEA Intro Keynote Speaker: Ka'eo Duarte, Ph.D., VP of Community and 'Aina Resiliency, Kamehameha Schools		
8:30am-9:00am	<p>1. Water Operators Track No Bad Bugs Jim McVeigh RCAC</p> <p>Register through separate RCAC links in order to get CEU credits through RCAC</p>	2. The Lure of Depth-Only Measurements for I&I Assessment Jay Boyd ADS, LLC	3. Lead in Drinking Water Testing in Hawaii Schools and Childcare Facilities Ayako Tischler TruePani Inc.	4. YP Welcome AWWA/WEF Representatives
9:00am-9:30am		5. Guam Waterworks Authority NDWWTP Effluent Outfall Diffuser Joseph Claveria Brown and Caldwell	6. Microplastics - Regulations, Toxicology & Testing for a new emerging contaminant Dr. Scott Coffin - California State Water Board	7. Business Process Improvement Jamie Champagne Champagne Collaborations, LLC.
9:30am-10:00am		Break		
10:00am-10:30am		8. Predictive Life Cycle Analysis in Large Diameter Sewers Veronica Alvarez RedZone Robotics	9. Smart Benchmarking Erin Riggs Environmental Finance Center at UNC Chapel Hill	10. Growing Great Leaders and Building Better Teams Through Conflict Jiro Sumada QRSE, LLC
10:30am-11:00am		11. Rehabilitating Sewer Collection Assets - A Comprehensive 4 Step Approach Eric Zimmerman Sherwin Williams Protective Coat	12. Building Your Bond Funding Team: From \$0 to \$100,000,000 Joe Cooper Honolulu BWS	
11:00am-11:30am		13. Advanced Aeration Controls: Enhance Treatment, Cut Energy, and Reduce O&M Costs Tanja Rauch-Williams Carollo Engineers, Inc.	14. Impact of Water Conservation on Utilities Mario Benisch HDR	15. Na Alakai O Ka Wai Ola : Leaders of the Living Water Carly Kaneko, Amanda Tanaka, Susan Mukai
11:30am-12:00pm	16. Data Life Cycle - Road Map for Enterprise Decision Making Aditya Ramamurthy Kennedy/Jenks Consultants, Inc.	17. Optimization of CIP for Enhanced Climate Resiliency Tess Sprague & Ted Douglass Brown and Caldwell	18. Getting Involved with YMF/YP Claire Fukuoka - ASCE Hawaii Younger Member Forum Jeff Onaga - AWWA/HWEA Young Professionals	
12:00pm-12:30pm	BREAK			
12:30pm-1:00pm	HWEA General Meeting			

* Sessions in blue font will receive full water CEU credit.

Day #2: Feb 2	Water	Wastewater	Miscellaneous	Miscellaneous
8:00am-8:30am	19. Addressing PFAS Through Source Water Assessments and Advanced Treatment Samantha Black HDR	20. Implementing Temperature-Phased Anaerobic Digestion (TPAD) in San Jose, CA Matthew Matasci Brown and Caldwell	21. Phytoremediation Assessment of two Native Hawaiian Plants Under Brackish Water Conditions Lauren Roth Venu Roth Ecological Design Int.	22. Hawaii Small Systems Roundtable (30mins/Zoom Link)
8:30am-9:00am	23. PFAS: Case Studies on Operating a Treatment Plant Mike Tallering - Environmental Site Solutions Cathy Swanson - PuroLite	24. Method to Evaluate Cluster Wastewater Systems for Cesspool Replacement Dr. Roger Babcock CCH ENV	25. Cesspool Replacement Pilot: Greywater + Incineration Toilet Combination System Joachim Schneider WAI	26. Pumps 101 Paul Leonard Pacific Pump & Power
9:00am-9:30am	27. UV/chlorine AOP in water treatment: uses, operations, DBPs Erin Mackey Brown and Caldwell	28. Wastewater Cluster System: Circular Economy - Recycling of Liquids & Solids Stuart Coleman WAI	29. Investigating the Source of Coastal Water Quality Impairment in Leeward Maui Kim Falinski The Nature Conservancy	30. Design of AWWA Ring Flanges Chris Sundberg Victaulic
9:30am-10:00am	BREAK			
10:00am-10:30am	31. EPA Drinking Water Regulatory Update Anna Yen US EPA, Region 9	32. Advanced Approaches to UV System Design and Equipment Selection Matt Reimann Stantec	33. One Water Track Christin Reynolds - One World, One Water Cari Ishida - Carollo Engineers, Inc. (2hr/Zoom link)	34. Mechanical Fittings and Repairs on High Density Polyethylene Pipe (HDPE) Mike Scholz JCM Industries, Inc.
10:30am-11:00am	35. Lead and Copper Rule Long-Term Revisions (LCRR): An Overview Helene Baribeau & Damon Roth Brown and Caldwell	36. Leveraging Existing Facilities for Improved Biosolids Management Luke Werner Kennedy/Jenks Consultants, Inc.		37. Mechanical Reinstatement of Service Connections in CIPP Lined Pressure Pipe Brad Conder Aegion Corporation
11:00am-11:30am	38. Mining for Lead: Lead and Copper Rule Revision Inventory Mark Zito CDM Smith	39. Extracellular Polymeric Substances (EPS) Composition Effects on Biosorption Dr. Roger Babcock CCH ENV		40. Chemical Metering Pumps, Systems and Accessories Richard Hopkins Blue-White Industries
11:30am-12:00pm	41. Using Statistics and Machine Learning to Inventory and Locate Lead Service Lines Ian Robinson Blue Conduit	42. CCH SCADA guidelines Emily Dong - Brown and Caldwell Eric Au - CCH		43. Engineering Trees for Better Projects & Environment Kevin Eckert - Arbor Global Daniel Dinell - Trees for Honolulu's Future
12:00pm-12:30pm	BREAK			
12:30pm-1:00pm	AWWA General Meeting			

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Day #3: Feb 3	Water	Wastewater	Stormwater	Miscellaneous
8:00am-8:30am	44. Nitrate Groundwater Treatment for Small Communities: Full-Scale Demonstration Felipe Cartin Munoz Microvi Biotech Inc.	45. Lessons Learned - Designing for the Honolulu Gravity Sewer Collection System Reid Ikemori CCH ENV-CSM	46. Harvesting Multiple Benefits from Stormwater: Case Studies and Considerations for how Stormwater Capture and Use can be Leveraged Jim Rasmus - Carollo Engineers, Inc. Dr. Roger Babcock - CCH ENV	47. N/A
8:30am-9:00am	48. How a Centuries Old Product Still Serves Our Most Basic Needs: A Virtual Tour of Ductile Iron Pipe Manufacturing Aubra Aina U.S. Pipe	49. N/A	50. Westminster City: Meeting Sustainability Goals through their Stormwater Program Chris Parton HDR	51. Flying Blind No More: Using Edge Analytics to Improve Pump Performance Mike Bernard Specific Energy
9:00am-9:30am	52. Insights from 25 years of Pilot Testing Laurie Sullivan Brown and Caldwell	53. Adaptive Mixing and Better Biological Nutrient Removal Alden Meade Xylem Inc.	54. Overcoming the Challenges of Microplastics in Stormwater Sarah Mass Haley & Aldrich	55. Organics Monitoring SAC 254 Shaun Sharrett Swan Analytical USA
9:30am-10:00am	BREAK			
10:00am-10:30am	56. Municipal Water Supply Well Design - Kunia IV Wells - 'Ewa, O'ahu, Hawai'i Adam Norris & Kevin Gooding INTERA Inc.	57. Research and Recommendations for Source Separated Food Waste and Co-Digestion Tanja Rauch-Williams Carollo Engineers, Inc.	58. A Storm Water Utility for Honolulu Dr. Roger Babcock, Dawn Szewczyk and Randall Wakumoto CCH DFM	59. Operations Team Engagement, Teaching, and Empowerment Leads to Success Alicia Suzuki Kennedy/Jenks Consultants, Inc.
10:30am-11:00am	60. Locating Abandoned Wells in Waianae Using Geophysics Michelle Pedrazas INTERA Inc.	61. Biomethane Production from Single-Use Biodegradable Food Containers Dr. Roger Babcock CCH ENV	62. 6PPD-Q: When a tire additive and ozone mix, unexpected stormwater runoff concerns may emerge Mike Ehlebracht Hart Crowser	63. Funding the Future: Treatment and Conservation of a Precious Resource Yvana Hrovat Haley & Aldrich
11:00am-11:30am	64. Optimize Water Distribution Pipes and Water Loss With Digital Solutions - WRF 4917 Michael Karl & Michelle Sorensen Brown and Caldwell	65. Nutrient and Recovery and Struvite Mitigation Joshua DiValentino Schwing Bioset	66. Reimagining Parks as Stormwater Infrastructure Robby Byrant HDR	67. MAPPS, Maui's Automated Planning and Permitting System Scott Rollins & Arnold Abe County of Maui Dept. of Environmental Management Wastewater Reclamation Division
11:30am-12:00pm	68. The Story of Mahinahina's Little UV Disinfection System that Could Preston Merrell & Harold Wright Carollo Engineers, Inc.	69. Stress Testing of a Variable Clarifier Inlet Mario Benisch HDR	70. TBD Sandy Ward Malama Puuloa	71. WW BOC (30 min/Zoom link)
12:00pm-12:30pm	BREAK			
12:30pm-1:00pm	End of Conference Social/Officer Transition Meeting			

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