

Day 1 - Feb 8

Opening General Session Room 311 Welcome by HWEA President and AWWA Hawaii Section Chair Keynote Speaker: Mami Hara, CEO of the U.S. Water Alliance						
8 am to 8:50 am	Room 311	Room 312	Room 314	Room 315	Room 316A	Exhibit Hall
9 am to 9:30 am: Session 1	1. Evaluating Trenchless Rehabilitation Technologies Dan Shafar WSP USA	2. Implementing a PFAS Roadmap in a Changing Regulatory Environment Joanie Stultz Brown and Caldwell	3. Measuring One Water Success: A Self-Assessment Framework for One Water Cities Inge Wiersema Carollo Engineers	4. Optimize Your Final Effluent Below Your Required Permitted Levels and Save Money Paul Nelsen Egger Pumps and Iris Valves	5. Pipeline Contingency Planning and Selection of Mechanical Repair Fittings Mike Scholz JCM Industries Inc.	
9:35 am to 10:05 am: Session 2	6. How a Continuous Feed SBR with Controllers Can Save Energy and Optimize Process Payal Shah Sanitaire Xylem Inc	7. PFAS Treatment and Lessons Learned from a Year-Long Pilot Study Samantha Black HDR	8. Practical Approaches to Meet Utility and Community Needs Lenise Marrero and Rosey Jencks Brown and Caldwell	9. Post-COVID Trash Loading Proves Sewage Pump Clog Resistance Cannot Be Predicted by Impeller Throatlet Size Robert Domkowski Xylem Inc	10. Pipe Bursting Replacement of 9,000 feet of Both Water and Sewer Mainlines George Mallakis TT Technologies Inc	11. Automatic Control Valve Maintenance & Upgrades Paul Palubicki Cla-Val
10:05 am to 10:50 am: AM Break						
10:50 am to 11:20 am: Session 3	12. Quality of Biogas Derived from Co-Digestion of Wastewater Solids and Organics Gavi Subramanian Kennedy Jenks Consultants	13. PFAS Regulation in Drinking Water: Federal and State Perspectives Anna Yen, US EPA Region 9 Zhaohui Wang, DOH SDWB	14. One Water Honolulu - But First, Collaboration - Part 1 Barry Usagawa, Matthew Gonser, Dawn B. Szweczyk, Roger Babcock Moderated by Christin Reynolds	15. Bioaugmentation and Rehabilitation of Facultative Lagoons, Molokai Virgil Viernes and Rhonda Harris TradeWorks Environmental Inc	16. Demands for High Performance Specialty Coatings Gregory Wallace Imerys	17. Advanced Grit Separation System Simon Schmausser HUBER SE
11:25 am to 11:55 am: Session 4	18. Successful Case Studies for Biogas Use in Pipelines and for Vehicle Fuel Tyler Dougherty Carollo Engineers	19. 1,2,3-TCP and PFAS Compounds Removal: From Pilot Study to Plant Installation Kelsey Hakes Aqueous Vets	20. One Water Honolulu - But First, Collaboration - Part 2 Barry Usagawa, Matthew Gonser, Dawn B. Szweczyk, Roger Babcock Moderated by Christin Reynolds	21. Focusing on Sustainability and Affordability with Membrane Technology Maria Hamlin Ovivo USA	22. ABCs of VFD Chris Dugas ABB	23. Strategies to Combat Pipeline Settlement Jonathan Leitch and Chris Sundberg Victaulic
12:00 pm to 1:30 pm: Lunch						
1:30 pm to 2:00 pm: Session 5	24. Use it or Lose it: Biogas Storage and Use Keith Albretsen WesTech Engineering LLC	25. Assessment of GAC and IX PFAS Removal Capabilities in Well Water Bob Armstrong and Sarang Agarwal Stantec	26. Current One Water Priorities Mami Hara CEO U.S. Water Alliance	27. Solid Minimalization Strategies; Mass and Energy Balance Evaluation Jerod Swanson Centrisys-CNP	28. Developing Strategies for Financial Resiliency in Uncertain Times Sanjay Gaur, Water Resources Economics Marwan Khalifa, Mesa Water District	29. What Can a Smart Asset Management Program Mean for Municipal Water? Adrian Lupola Sonepar- One Source Distributors
2:05 pm to 2:35 pm: Session 6	30. Using Bench-Scale Testing to Determine Feasibility of Food Waste Co-Digestion Christine Polo Carollo Engineers	31. PFAS - Chasing the Regs with Treatment Cathy Swanson, Purolite Mike Tallering, Environmental Site Solutions	32. The Power of Stakeholder Engagement in Tucson's One Water Planning Wendy Broley, Brown and Caldwell John Kmiec, Tucson Water	33. Adaptive Mixing and Process Optimization with Energy Savings Alden Meade Xylem Inc	34. Code Welding Details for Mitered Elbows Chris Sundberg Victaulic	35. Centrifuge Scroll Design Improvements and Impact on Biosolids Dewatering Cost Michael Stone Flottweg Separation Technology Inc.
2:35 pm to 3:20 pm: PM Break						
3:20 pm to 3:50 pm: Session 7	36. Waianae Wastewater Facilities Plan - Preparing for the Future Lisa Kimura, CCH ENV Dustin Yamamoto, Brown and Caldwell	37. Zinc Coated Ductile Iron Pipe and the Design Decision Model Jeffrey Butters Ductile Iron Pipe Research Association	38. The Challenges of Using Recycled Water at the Largest Urban Park in California Claudia Llerandi, Kennedy Jenks Consultants Barbara Palacios, San Francisco Public Utility Commission	39. Impact to Stream Water Quality from Legacy OSDS and Sewage Exfiltration on Oahu Steven Spengler Pacific Rim Water Resources	40. Chemistry of Chlorine and Chlorine Monitoring Shaun Sharrett Swan Analytical USA	41. Pressure Management: Benefits of Using Remote Pressure and Temperature Monitoring to Help Optimize your Water System Shannon Wedding iHydrant
3:55 pm to 4:25 pm: Session 8	42. Organic Waste Sustainability Plan at Sand Island WWTP Heather Stephens, Stantec Consulting Services Nicole Imanaka, RM Towill Corp	43. An Inspector's Journey through the Hawaii Drinking Water Industry Michael Miyahira DOH SDWB	44. Hitting the Curve Balls: An Integrated Utility Water Resiliency Framework Rachel Garrett and Lauren Armstrong Brown and Caldwell	45. Continued PFAS Testing on Bioforcetech's Thermal Processing System Valentino Villa Bioforcetech	46. Chemical Metering Pump, Accessories, and Systems Richard Hopkins Blue-White Industries	47. How Design Impacts Headworks Screening Systems and Their Effects on O&M Dave Barkey JWC Environmental
4:30 pm to 5:00 pm: Session 9	48. The First STEP Towards Clean Water - Liquid Only Sewer Bill Cagle, Orenco Systems, Inc. Stuart Coleman, WAI	49. Reliability is a Culture Thing Gerald Fejarang, Kennedy Jenks Robert Donaldson, Collaborative Strategies	50. Increasing Resilience of Coral Reefs in Olowalu, Maui through Erosion Control Kim Falinski The Nature Conservancy	51. Achieving Secondary Wastewater Treatment Standards Using Zero-Energy Combined Treatment Allison Blodig Infiltrator Water Technologies	52. Wastewater BOC Meeting	53. Operations and Maintenance Considerations for your Odor Control Systems Sean Trainor Evoqua Water Technologies
5 pm to 7 pm: Meet & Greet						
Anticipated Full Water CEU Credits						

Day 2 – Feb 9

	Room 311	Room 312	Room 314	Room 315	Room 316A	Exhibit Hall
8 am to 8:50 am:	HWEA General Membership Meeting	AWWA General Membership Meeting				
9 am to 9:30 am: Session 1	54. Replacement of SY-001 Wastewater Pump Station, JBPHH Ayako Kawabata and Ryan Kikuchi HDR	55. Funding Opportunities for Water and Wastewater Infrastructure Through the SRF/BIL Kelly Tucker US EPA	56. Building Climate-Resilient Transportation Network in Vulnerable Communities Rosey Jencks Brown and Caldwell	57. Solving Infiltration and Corrosion Problems in Sanitary Sewer Structures Jim Swain CIP Construction Technologies Inc	58. Variable Frequency Drive Fundamentals and How They Can Reduce Energy Demand Doug Ryan Danfoss Drives	59. Digital Flow: Emerging Tech for Accurate Measurement in Tough Applications Chris Helliwell, Endress+Hauser Jeff Taggart, Rust Automation & Controls
9:35 am to 10:05 am: Session 2	60. Thermal Hydrolysis Pretreatment (THP) and Anaerobic Digestion to Produce RNG Michael McWhirter and Samantha Babbitt Stantec Consulting Services	61. Honolulu BWS Experiences Implementing the Lead and Copper Rule Revisions Erwin Kawata Honolulu BWS	62. Sea Level Rise, Storm Surge, and Tsunamis! Climate Change Evaluation for Honolulu Cari Ishida and Rachel Duncan Carollo Engineers	63. Sucking the Air out of the Party: A Novel Approach to Phosphorus Sequestration Merima Beganovic Ovivo Water	64. Understanding System Head Curves to Pump up your Pump Slizing Skills Michael Kelley Zoeller Company	65. Pressure Sewer Systems - Deceptively Simple, Engineered for Reliability Derek Lachut Environment One Corp
10:05 am to 10:50 am: AM Break						
10:50 am to 11:20 am: Session 3	66. Flywheel UPS Systems - A Unique Surge Mitigation Option at the Pearl City WWPS Garrett Leong and Bill Koch Brown and Caldwell	67. LCRR: Mapping Lead Service Lines with GIS Christa Campbell ESRI	68. AWWA Stormwater Management Standard: a Tool to Support Utility Operations Chi Ho Sham, Past AWWA President	69. Open Forum with WEF President Ifetayo Venner Arcadis	70. Everything You Wanted to Know About Air Valves... Kim Sorensen Aquestia USA	71. Case Studies for Aerobic Granular Sludge in North America Brett Quimby Aqua-Aerobic Systems Inc
11:25 am to 11:55 am: Session 4	72. Sand Island WWTP Secondary Treatment Phase 1 Update Jordan Fahmie, AECOM Gianne Constantino, The Limtiaco Consulting Group	73. Considerations from Hawaii's Lead Testing Program for the LCRI Sam Becker TruPani	74. Stormwater Capture, Treatment, and Reuse at Vincent Lugo Park Jeff Herr Brown and Caldwell	75. Seven Biggest Mistakes on Sewer Bypass Paul Leonard Pacific Pump & Power	76. Automation & SCADA Communication in the Age of IIot Alan Hudson VTScada Software	77. NEWGenerator Resource Recovery Machine for Off-Grid Wastewater Treatment and Reuse Daniel Yeh University of South Florida
12:00 pm to 1:30 pm: Lunch						
1:30 pm to 2:00 pm: Session 5	78. Wastewater Capacity Management Using Flow Monitoring and Hydraulic Modeling Lisa Kimura, CCH ENV Stan Kowalczyk, Brown and Caldwell	79. Obstacles and Solutions for Risk-Based Planning for Smaller Utilities Brenley McKenna The Water Research Foundation	80. Third Party Validation of Artificial Intelligence for Water Reuse Andy Salvesson Carollo Engineers	81. Trickling Filter Systems for 21st Century Jia Zhu Brentwood Industries Inc.	82. The New Emerging AMI and IoT Systems - Smart Water / Smart City Kevin Cornejo Mueller Water Products	
2:05 pm to 2:35 pm: Session 6	83. Improving Tertiary Processes at Lahaina Wastewater Reclamation Facility Carl Koester, Jacobs Juan Rivera, COM DEM WWRD	84. Operating in the Dark Dave Brearley HDR	85. Emerging Contaminants: PFAS in Stormwater Nancy Gardiner Haley and Aldrich	86. Innovative Application of Ultraviolet Light in Primary Effluent at Sand Island Wayne Lem and Xavier Martinez Trojan Technologies	87. Why is APL/Industrial Ethernet Tech Relevant to Managing Environmental Systems? Nick Hanson Endress+Hauser	
2:35 pm to 3:20 pm: PM Break						
3:20 pm to 3:50 pm: Session 7	88. From Independence to Integration: Building the West Point Capital Program Heather Stephens Stantec Consulting Services	89. Condition Assessment of a Sub-aqueous Pipeline Using Non-invasive Technology Gary Skipper and Mark Poppe Brown and Caldwell	90. Accessing Federal Funding Panelists: Dana Okano, Melissa Unemori, Hampe Moderator: Christin Reynolds, One World One Water	91. Ditching Disinfection? Pathogen Removal Capabilities of Membrane Bioreactor Kathleen Peach Veolia WTS	92. Digital Transformation Enables Smart Water Initiatives Janine Nielsen Rockwell Automation	
3:55 pm to 4:25 pm: Session 8	93. First US Installation of Adaptive Clarifier Inlet Mario Benisch HDR	94. DIP in Hawaii: Maintaining Project Budgets and Schedules Jeff Mason and Adam Martin US Pipe	95. Irrigated Landscape Area Feature Extraction to Develop Water Use Targets for Residential Customers Cassidy Harding Hawaii Water Service	96. Power of Peer-Exchange: Innovation and Decentralized Wastewater Solutions Julie Waechter, DigDeep Stuart Coleman, WAI	97. Adopting Optimized Smart Technology O&M Processes: 3-Case Studies David Belomy ADS Environmental Services	
4:30 pm to 5:00 pm: Session 9	98. Back to Basics - Adding Primary Clarification to a Secondary WWTP Luke Werner Kennedy Jenks Consultants	99. LA's Adventures in Water Loss Ariel Flores LA Dept. of Water and Power	100. Community-Driven Green Infrastructure: Kaimukī Rain Garden Dan Dinell Trees for Honolulu's Future	101. Wastewater Treatment Plant Considerations of Air Movement Equipment Craig Thornton Hartzell Air Movement	102. Small Systems Roundtable	
5 pm to 7 pm: Banquet						
Anticipated Full Water CEU Credits						