

Wednesday, February 5, 2025

<p>8 am to 8:50 am: Opening Session Receives Wastewater CEUs</p>	<p align="center">Opening General Session Room 311 Welcome by HWEA President and AWWA Hawaii Section Chair Keynote Speaker TBD</p>					
	Room 311	Room 312	Room 314	Room 315	Room 316B	Room 316C
<p>9 am to 9:30 am: Session 1</p>	<p>Meeting Future Needs Isn't Free: Developing Sewer Rate Increases for ENV Roger Babcock, CCH ENV Dave Ebersold, CDM Smith</p>	<p>DWSRF Judy Hayducsko DOH SDWB</p>	<p>Sister Coasts in Adaptation: Insights & Opportunities from Hawaii and California Nate Kauffman HDR</p>	<p>Sensing the Future: Utilizing AI in Water & Wastewater Analysis Ken Hayes Core & Main</p>	<p>MBR-DAS – densification improves MBR performance at the City of Detroit Lakes Matt Reeve and Grant MacInnis Veolia</p>	<p>6. Wastewater BOC Meeting</p>
<p>9:35 am to 10:05 am: Session 2</p>	<p>Closing America's Wastewater Access Gap Initiative Hawaii Update Michael Mezzacapo, US EPA Cari Ishida, Carollo Engineers</p>	<p>Pipe Dreams: Optimizing Pipeline Rehab and Replacement Isaac Hayashi, Honolulu BWS Michaela Palmer, Trinnex/CDM Smith</p>	<p>How to Approach Climate Vulnerability Assessments: A Ko'olau Poko Case Study Dr. Chip Fletcher, UH SOEST Dr. Tess Sprague, Brown and Caldwell</p>	<p>The Future Is Now: Digital Liquid Analysis in Water/Wastewater Megan Anders Endress + Hauser</p>	<p>Emergency Investigation and Repair of a 48" Sewer under Interstate I-49 Mike Larsen Structural Technologies, LLC</p>	<p>12. Small Systems Roundtable</p>
<p>10:05 am to 10:50 am: Morning Break</p>						
<p>10:50 am to 11:20 am: Session 3</p>	<p>Managing the Microplastics-PFAS Complex in Wastewater Treatment Process Zhiyong Xia GHD Inc.</p>	<p>LCRR & LCRI Updates Heather Iwasaki and Jeffrey Tsai Hawaii DOH Safe Drinking Water Branch</p>	<p>Collectively Championing a One Water Plan: Deliver Benefits for Everyone Lenise Marrero Brown and Caldwell</p>	<p>A Web-Based Tool to Identify Nutrient Removal Strategies for your Plant Mike Falk and JB Neethling HDR</p>	<p>Grit Happens - Sustainable Solutions for Grit Management Patrick Herrick Hydro International</p>	<p>Overview of Domestic Requirements for Federally Funded Infrastructure Projects Bill Paxton The Iron Group</p>
<p>11:25 am to 11:55 am: Session 4</p>	<p>Understanding PFAS Sources and Treatments to your Wastewater Plant Cathy Swanson Puro-lite</p>	<p>Navigating the Lead and Copper Rule Revisions Ryan Quitariano, County of Hawaii DWS Audrey Cabrera, Brown and Caldwell</p>	<p>One Water Honolulu - Panel Session Christin Reynolds One World One Water, LLC</p>	<p>Building an Intelligent, Smart and Adaptive WWW Operations Model Jose Bravini Schneider Electric</p>	<p>No Access, No Problem: East Richland PSD UV-CIPP Installed from Barge Troy Cubero SAERTEX multiCom</p>	<p>Design of Roll-Out and Lift-Out Sections for Improved Pipeline Access Chris Sundberg and Matt Gallo Victaulic</p>
<p>12:00 pm to 1:30 pm: Lunch</p>						
<p>1:30 pm to 2:00 pm: Session 5</p>	<p>Keeping Granules Happy: Aerobic Granular Sludge Testing at Sand Island WWTP Rachel Shaw and Kat Messologitis Stantec</p>	<p>Navigating Kauai's Water Future: Insights from the Water Systems Investment Plan Jason Kagimoto, County of Kauai DOW Michelle Sorensen, Brown and Caldwell</p>	<p>One Water Honolulu: Mapping Water Infrastructure Climate Vulnerabilities Elisa Garvey Carollo Engineers</p>	<p>Our SCADA is Isolated, What Risk? David Brearley HDR</p>	<p>Pass on the Pepto, We have UV!!! Patrick Bollman Xylem</p>	<p>Strategies for Effective Metallic Transmission Pipeline Management Eric Toffin Pure Technologies, a Xylem Brand</p>
<p>2:05 pm to 2:35 pm: Session 6</p>	<p>Sustainable Solutions - Wailuku-Kahului Wastewater Reclamation Facility Deborah Aweau, County of Maui DEM WWRD Alicia Suzuki, Kennedy Jenks</p>	<p>TBD Patrick Kerr American Water Works Association</p>	<p>One Water Thinking: A Response to SCOTUS' Functional Equivalent Decision Craig Lekven Brown and Caldwell</p>	<p>Using AI Technology to Expedite Coding and Design Carl Koester Jacobs</p>	<p>Demands for High Performance Specialty Coatings and Installation Gregory Wallace Imerys</p>	<p>Actively Managing Leak Detection Kevin Barnes Fluid Conservation Systems</p>
<p>2:35 pm to 3:20 pm: Afternoon Break</p>						
<p>3:20 pm to 3:50 pm: Session 7</p>	<p>Deliver Projects Like a Fine-Tuned Wa'a Crew: In Sync with PM Best Practices. Bob Armstrong, Stantec Kyle Yukumoto, RM Towill</p>	<p>County of Maui Department of Water Supply Response to 2023 Maui Wildfires Ashley Laroya and William E. Platten III County of Maui DWS</p>	<p>Methods for the Design of Tsunami-Resilient Water and Wastewater Infrastructure Yashar Rafati HDR</p>	<p>Data Management and Visualization Mario Benisch HDR</p>	<p>Latest Case Studies for Aerobic Granular Sludge Brett Quimby Aqua-Aerobic Systems, Inc</p>	<p>PRV Knowledge, Issues & Solutions Nick Martinez SOVAL</p>
<p>3:55 pm to 4:25 pm: Session 8</p>	<p>Kahala WWPS Modifications Design Considerations and Challenges Hernan Co AECOM</p>	<p>Rethinking Water Distribution in the aftermath of the Lahaina Wildfires John Stufflebean, County of Maui DWS Inge Wiersema, Carollo Engineers</p>	<p>Tsunami Design - Using Innovation to Ride the Waves of Recent Code Changes Jeffrey Wouters Kennedy Jenks</p>	<p>SCADA Alarm Management Technologies, Tips & Tricks Alan Hudson VTSkada</p>	<p>Basic Hydraulics and Portable Pump System Design Paul Leonard Pacific Pump & Power</p>	<p>Four Tenets of Pressure Vessel Design Kelsey Beckwith Aqueous Vets</p>
<p>4:30 pm to 5:00 pm: Session 9</p>	<p>Decarbonization of co-digestion through nitrous oxide recovery Zhiyue Wang, UH Manoa Bhargavi Subramanian, Kennedy Jenks</p>	<p>Protecting O'ahu's Groundwater: Implementing the Source Water Protection Plan Rhea Quezon CDM Smith</p>	<p>Building Resilient Coastal Communities Angela Schedel HDR</p>	<p>A Holistic Data-Driven Approach to Water Quality and Pressure Management Harold Mosley Mueller Water Products</p>	<p>Aging Infrastructure? VFD's, a perfect fit! Chris Dugas ABB Drives</p>	<p>Contingency Planning for Emergency Pipeline Repair – Lessons Learned Mike Scholz JCM</p>
<p>5 pm to 7 pm: Meet & Greet</p>						

Blue shaded sessions are anticipated to receive full Water CEU credit

Thursday, February 6, 2025

	Room 311	Room 312	Room 314	Room 315	Room 316B	Room 316C
8 am to 8:45 am: Membership Meetings	HWEA General Membership Meeting Breakfast Provided In Meeting Room	AWWA General Membership Meeting Breakfast Provided in Meeting Room				
8:50 to 9:20 am Session 1	Prepping your Wastewater for Future Potable Reuse Travis Stevens Kennedy Jenks	PFAS Rule Updates: State Perspective Zhaohui Wang DOH SDWB	Squeezing Multiple-Benefits from Urban Stormwater Capture and Use Projects Jim Rasmus Stantec	Starting Earlier than Early: Taking a Holistic Approach to Funding CIP Programs Seema Chavan Brown and Caldwell	Shrinking the MBR Footprint Even Further Larry Morris Kubota Membrane USA Corp	Resilient Pipeline for Landslides and Settlement with Corrosion Protection Takaaki Kagawa Kubota
9:25 to 9:55 am Session 2	Expanding the HI Cesspool Prioritization Tool with Centralized WW System Data Chris Shuler and Melanie Lander UH Manoa WRRC	PFAS in Water Utilities – Public, Technical, and Operational Pathways to Success Alan LaBlanc CDM Smith	Key Takeaways from Lahaina Wildfire Damage Assessment for Water Infrastructure John Stuffebean , County of Maui Dept of Water Supply Felicia James , Carollo Engineers	Funding Alignment Tool – Simple Tools to Maximize Funding Opportunities Carlee Fullenkamp and Angela Miller HDR	Optimize Mixing for Efficiency & Process Resiliency Alden Meade Xylem	Water Disinfection using Diaphragm or Peristaltic Pumps, Accessories and Systems Rich Hopkins Blue-White Industries
9:55 to 10:40 am: Morning Break						
10:40 to 11:10 am Session 3	Choose you Must: Collaborative Decision-Making for Sand Island WWTP Phase 2 Bob Armstrong , Stantec Kyle Yukumoto , RM Towill	Evaluating Technologies for PFAS Removal in Drinking Water Applications Emily Henderson and Dr. Zhiyong Xia GHD	Direct Potable Reuse Regulations Lessons Learned Andrew Salveson Carollo	Flowing Water: Federal Funding in and for our Communities Dana Okano and Melissa Unemori Hampe Hawaii Community Foundation	Bypass Pumping & the Sulfide Challenge – H2S Safety, Odor & Corrosion Mitigation Sean Trainor Xylem/Evoqua Water Technologies	From Beginning to End: The Story of GAC – Filter Startup to Media Reactivation Ben Goecke Calgon Carbon Corporation
11:15 to 11:45 am Session 4	Exploring the Benefits of Integrated Planning for ENV in Honolulu, HI Bill Fernandez CDM Smith	Our 15 Year Journey: History and Ongoing Impacts of PFAS within the Tucson Basin John P. Kmiec Tucson Water	Lahaina Wildfire Stormwater Mitigation Response Mark Ohigashi EnviroServices & Training Center	EPA's Water Infrastructure and Technical Assistance Programs Update Sara Jacobs , US EPA Judy Hayducsko , Hawaii DOH	A Breath of Fresh Air - The Importance of Diffused Aeration Systems Bryen Woo Aquarius Technologies LLC	Optimizing Water Quality in Drinking Water Distribution Systems Ethan Brooke Clearwater1
11:50 to 12:20 pm Session 5	TBD Aimee' Killeen WEF Past President	The Honolulu Board Of Water Supply's Approach to Addressing PFAS Marc Chun , Honolulu BWS Sierra Johnson , Brown and Caldwell	Lahaina Post-Wildfire BMP Implementation and Lessons Learned Yvana Hrovat Haley & Aldrich	Funding and Support for Water and Wastewater Infrastructure in Hawaii Benson Medina and Jake Beebe Sustainability Partners LLC	Real-Time Remote Monitoring Technology Helps Detect and Tackle I&I Issues Eric Van Cleave SmartCover Systems	Water Loss Control - Practical Approaches Mike Ulthe Mueller Water Products
12:20 to 1:45 pm: LUNCH						
1:45 to 2:15 pm Session 6	Salt to Fresh - The Feasibility of Desalination on Maui Eva Blumenstein , County of Maui Dept Water Supply Anita Selinger , Brown and Caldwell	Forensic Testing for Jet Fuel in Drinking Water Dennis Lopez , Hawaii DOH Eric Litman , Newfields	2023 Update to State LID Practitioner's Guide Kristen Yoshida , Bowers+Kubota Consulting Josh Hekekie , DBEDT Office of Planning and Sustainable Development	Aligning Your Top Projects with Federal Funding Priorities Kim Pugel and Sarang Agarwal Stantec	Cesspool Conversion – Sewer Today With The Future In Mind Jill Davis Environment One Corporation	Corrosion Control For Ductile Iron Pipe Jeffrey Butters Ductile Iron Pipe Research Association
2:20 to 2:50 pm Session 7	Rising to meet the challenge of wastewater planning with communities in Hawai'i Kim Falinski , The Nature Conservancy Erica Perez , CORAL Stuart Coleman , WAI	The Hawaii Infrastructure Task Force: The Army's Plan to Fix their Water System Michael Wong Hawaii Infrastructure Task Force, US Army Garrison Hawaii	It Takes a Village: Innovative Partnerships for Stormwater Management Randall Wakumoto , CCH DFM Stormwater Quality Div Lauren Roth Venu , 3Rwater	Four Projects in Two Years - how to streamline asset management implementations Amanda Jones Tucson Water	Ultraviolet Light Disinfection in Hawai'i - From Primary to Non-Potable Reuse Steve McDermid , Trojan Technologies Dr. Victor Moreland	Dead-End Danger Zone Dangers of uncirculated water in distribution dead-ends Chris Jones Kupferle Water Solutions
2:50 to 3:20 pm: Afternoon Break						
3:20 to 3:50 pm Session 8	Assessment of RO Fouling in MBR-RO Trains using Flat-Plate MBR Membranes Katerina Messoligitis Stantec	The Red Hill Remediation Journey Joyce Lin Honolulu BWS	Enhancing Mauka Recharge Travis Hylton American Academy of Water Resources Engineers	Agricultural Resource Recovery Using Membrane Bioreactors Kelsey Vought Kennedy Jenks	Submersible Wastewater Pumps 101 Michael Kelley Zoeller Company/International Wastewater Technologies	Resilient and Sustainable Water Mains Matt Slazyk US Pipe
3:55 to 4:25 pm Session 9	New Paradigm on Odor & FOG Control Strategy at Wailua Sewage Collection System Meni Mancini , Tradeworks Environmental Inc Rhonda Harris , OTS LLC	Removal Technologies and Costs for Dieldrin in Hawaiian Groundwaters Pierre Kwan HDR	Emerging Stormwater Contaminants and Treatment BMPs Colin Steer Advanced Drainage Systems	A Review of Successful Implementation of Onsite and Distributed Water Reuse Miriam Hacker The Water Research Foundation	Dewatering Water and Wastewater Plant Residuals with Screw Presses Wesley Bond FKC Co, LTd	Metering 2.0 – The benefits of Smart Water Meters to Solve Utility Challenges Dewayne Self , Pacific Pipe/Core and Main Ryan Carnathan , Sensus
4:30 to 5:00 pm Session 10	Considerations for Repair, Rehabilitation, or Replacement of Force Mains Cindy Preuss CDM Smith	Identification of disinfection byproduct precursor compounds in JP-5 jet fuel Emily Marron UH WRRC	Leadership in Crisis: Rebuilding Trust and Infrastructure Alex Page Kennedy Jenks	Work-4-Water: Tackling Hawai'i's Wastewater Workforce Shortage Gabby Saba Zimmer WAI-Wastewater Alternatives & Innovations	Centrifugal Grinder Pumps in Low Pressure Sewer Systems David Kaster Crane Pumps & Systems	Innovations in Steel Water Pipe Brent Keil and Ryan Thread Northwest Pipe Company
5 pm to 8 pm: Banquet						

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