

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 Dr. Thomas Giambelluca</p>					
	Room 311	Room 312	Room 306AB	Room 323ABC	Room 316B	Room 316C
<p>9 am to 9:30 am: Session 1</p>	<p>1. Meeting Future Needs Isn't Free: Developing Sewer Rate Increases for ENV Roger Babcock, CCH ENV Dave Ebersold, CDM Smith</p>	<p>2. DWSRF Funding Updates Judy Hayducsko DOH SDWB</p>	<p>3. Sister Coasts in Adaptation: Insights & Opportunities from Hawaii and California Nate Kauffman HDR</p>	<p>4. Sensing the Future: Utilizing AI in Water & Wastewater Analysis Ken Hayes Core & Main</p>	<p>5. MBR-DAS – densification improves MBR performance at the City of Detroit Lakes Matt Reeve and Grant MacInnis Veolia</p>	<p>6. Small Systems Roundtable</p>
<p>9:35 am to 10:05 am: Session 2</p>	<p>7. Enhancing Collection System Monitoring with Real-Time Bioelectrode Sensors Craig Johnson Clipper Controls</p>	<p>8. Pipe Dreams: Optimizing Pipeline Rehab and Replacement Michaela Palmer Trinnex/CDM Smith</p>	<p>9. 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>10. The Future Is Now: Digital Liquid Analysis in Water/Wastewater Chris Helliwell Endress + Hauser</p>	<p>11. Emergency Investigation and Repair of a 48" Sewer under Interstate I-49 Mike Larsen Structural Technologies, LLC</p>	<p>12. Wastewater BOC Meeting</p>
<p>10:05 am to 10:50 am: Morning Break</p>	<p align="center">MORNING BREAK IN EXHIBIT HALL</p>					
<p>10:50 am to 11:20 am: Session 3</p>	<p>13. Kahala WWPS Modifications Design Considerations and Challenges Hernan Co AECOM</p>	<p>14. LCRR & LCRI Updates Heather Iwasaki and Jeffrey Tsai Hawaii DOH Safe Drinking Water Branch</p>	<p>15. Collectively Championing a One Water Plan: Deliver Benefits for Everyone Lenise Marrero Brown and Caldwell</p>	<p>16. A Web-Based Tool to Identify Nutrient Removal Strategies for your Plant Mike Falk HDR</p>	<p>17. Grit Happens - Sustainable Solutions for Grit Management Patrick Herrick Hydro International</p>	<p>18. 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>19. Understanding PFAS Sources and Treatments to your Wastewater Plant Cathy Swanson PuroLite</p>	<p>20. Navigating the Lead and Copper Rule Revisions Ryan Quitariano, COH DWS Audrey Cabrera, Brown and Caldwell</p>	<p>21. One Water Honolulu - Panel Session Christin Reynolds One World One Water, LLC</p>	<p>22. Building an Intelligent, Smart and Adaptive WWW Operations Model Prajit Goswami Schneider Electric</p>	<p>23. No Access, No Problem: East Richland PSD UV-CIPP Installed from Barge Troy Cubero SAERTEX multiCom</p>	<p>24. 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 align="center">LUNCH IN EXHIBIT HALL</p>					
<p>1:30 pm to 2:00 pm: Session 5</p>	<p>25. Sustainable Solutions - Wailuku-Kahului Wastewater Reclamation Facility Deborah Aweau, COM DEM WWRD Alicia Suzuki, Kennedy Jenks</p>	<p>26. Navigating Kauai's Water Future: Insights from the Water Systems Investment Plan Jason Kagimoto, COK DOW Michelle Sorensen, Brown and Caldwell</p>	<p>27. One Water Honolulu: Mapping Water Infrastructure Climate Vulnerabilities Elisa Garvey Carollo Engineers</p>	<p>28. Our SCADA is Isolated, What Risk? David Brearley HDR</p>	<p>29. Pass on the Pepto, We have UV!!! Patrick Bollman Xylem</p>	<p>30. 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>31. Keeping Granules Happy: Aerobic Granular Sludge Testing at Sand Island WWTP Rachel Shaw and Kat Messologitis Stantec</p>	<p>32. NONE</p>	<p>33. One Water Thinking: A Response to SCOTUS' Functional Equivalent Decision Craig Lekven Brown and Caldwell</p>	<p>34. Using AI Technology to Expedite Coding and Design Cassie Martin and Deb Aweau, County of Maui DEM Carl Koester, Jacobs</p>	<p>35. Demands for High Performance Specialty Coatings and Installation Gregory Wallace Imerys</p>	<p>36. Actively Managing Leak Detection Kevin Barnes Fluid Conservation Systems</p>
<p>2:35 pm to 3:20 pm: Afternoon Break</p>	<p align="center">AFTERNOON BREAK IN EXHIBIT HALL</p>					
<p>3:20 pm to 3:50 pm: Session 7</p>	<p>37. Deliver Projects Like a Fine-Tuned Wa'a Crew: In Sync with PM Best Practices. Bob Armstrong, Stantec Kyle Yukumoto, RM Towill</p>	<p>38. County of Maui Department of Water Supply Response to 2023 Maui Wildfires Ashley Laroya, COM DWS Melvin Tokuda, DOH SDWB</p>	<p>39. Methods for the Design of Tsunami-Resilient Water and Wastewater Infrastructure Yashar Rafati HDR</p>	<p>40. SCADA Alarm Management Technologies, Tips & Tricks Alan Hudson VTScada</p>	<p>41. Latest Case Studies for Aerobic Granular Sludge Brett Quimby Aqua-Aerobic Systems, Inc</p>	<p>42. PRV Knowledge, Issues & Solutions Nick Martinez SOVAL</p>
<p>3:55 pm to 4:25 pm: Session 8</p>	<p>43. Advancing Utility Adoption of Large Language Models: Practical Applications in Asset Mgmt Andrew Goldberg Brown and Caldwell</p>	<p>44. Emergency Action Plans for Hawaii Reservoirs – Tools for the Management Toolbox Jon Keeling Stantec</p>	<p>45. Tsunami Design - Using Innovation to Ride the Waves of Recent Code Changes Jeffrey Wouters Kennedy Jenks</p>	<p>46. Data Management and Visualization Mario Benisch HDR</p>	<p>47. Basic Hydraulics and Portable Pump System Design Paul Leonard Pacific Pump & Power</p>	<p>48. Four Tenets of Pressure Vessel Design Kelsey Beckwith Aqueous Vets</p>
<p>4:30 pm to 5:00 pm: Session 9</p>	<p>49. Decarbonization of co-digestion through nitrous oxide recovery Zhiyue Wang, UH Manoa Bhargavi Subramanian, Kennedy Jenks</p>	<p>50. Protecting O'ahu's Groundwater: Implementing the Source Water Protection Plan Marc Chun, Honolulu BWS Rhea Quezon, CDM Smith</p>	<p>51. Building Resilient Coastal Communities Angela Schedel HDR</p>	<p>52. A Holistic Data-Driven Approach to Water Quality and Pressure Management Mike Uthe Mueller Water Products</p>	<p>53. Aging Infrastructure? VFD's, a perfect fit! Chris Dugas ABB Drives</p>	<p>54. Contingency Planning for Emergency Pipeline Repair – Lessons Learned Mike Scholz JCM</p>
<p>5 pm to 7 pm: Meet & Greet</p>	<p align="center">MEET AND GREET IN EXHIBIT HALL</p>					
<p>Shaded sessions are anticipated to receive full Water CEU credit. All sessions are anticipated to receive full Wastewater CEU credit.</p>						

Thursday, February 6, 2025						
	Room 311	Room 312	Room 306AB	Room 323ABC	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	55. Prepping your Wastewater for Future Potable Reuse Travis Stevens Kennedy Jenks	56. PFAS Rule Updates: State Perspective Zhaohui Wang DOH SDWB	57. Squeezing Multiple-Benefits from Urban Stormwater Capture and Use Projects Jim Rasmus Stantec	58. Starting Earlier than Early: Taking a Holistic Approach to Funding CIP Programs Seema Chavan Brown and Caldwell	59. Shrinking the MBR Footprint Even Further Larry Morris Kubota Membrane USA Corp	60. Resilient Pipeline for Landslides and Settlement with Corrosion Protection Takaaki Kagawa Kubota
9:25 to 9:55 am Session 2	61. Expanding the HI Cesspool Prioritization Tool with Centralized WW System Data Chris Shuler and Melanie Lander UH Manoa WRRC	62. PFAS in Water Utilities – Public, Technical, and Operational Pathways to Success Alan LaBlanc CDM Smith	63. Key Takeaways from Lahaina Wildfire Damage Assessment for Water Infrastructure John Stufflebean, COM DWS Felicia James, Carollo Engineers	64. Funding Alignment Tool – Simple Tools to Maximize Funding Opportunities Carlee Fullenkamp HDR	65. Optimize Mixing for Efficiency & Process Resiliency Alden Meade Xylem	66. Water Disinfection using Diaphragm or Peristaltic Pumps, Accessories and Systems Rich Hopkins Blue-White Industries
9:55 to 10:40 am: Morning Break	MORNING BREAK IN EXHIBIT HALL					
10:40 to 11:10 am Session 3	67. Choose you Must: Collaborative Decision-Making for Sand Island WWTP Phase 2 Bob Armstrong, Stantec Kyle Yukumoto, RM Towill	68. Evaluating Technologies for PFAS Removal in Drinking Water Applications Emily Henderson GHD	69. Lahaina Wildfire Stormwater Mitigation Response Mark Ohigashi EnviroServices & Training Center	70. Proactive Development of Potable Reuse Guidance & Regulations – Lessons Learned & a Path Forward Andrew Salvesson, Carollo Kevin Hardy, National Water Research Institute	71. Bypass Pumping & the Sulfide Challenge – H2S Safety, Odor & Corrosion Mitigation Sean Trainor Xylem/Evoqua Water Technologies	72. 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	73. Exploring the Benefits of Integrated Planning for ENV in Honolulu, HI Bill Fernandez CDM Smith	74. Our 15 Year Journey: History and Ongoing Impacts of PFAS within the Tucson Basin John P. Kmiec Tucson Water	75. Lahaina Post-Wildfire BMP Implementation and Lessons Learned Yvana Hrovat Haley & Aldrich	76. Flowing Water: Federal Funding in and for our Communities Dana Okano and Melissa Unemori Hampe Hawaii Community Foundation	77. A Breath of Fresh Air - The Importance of Diffused Aeration Systems Bryen Woo Aquarius Technologies LLC	78. Optimizing Water Quality in Drinking Water Distribution Systems Ethan Brooke Clearwater1
11:50 to 12:20 pm Session 5	79. Achieving Ambient Water Quality Improvements Through Targeted Watershed Identification and Modeling Aimee' Killeen WEF Past President	80. The Honolulu Board Of Water Supply's Approach to Addressing PFAS Marc Chun, Honolulu BWS Sierra Johnson, Brown and Caldwell	81. Rethinking Water Distribution in the aftermath of the Lahaina Wildfires John Stufflebean, COM DWS Inge Wiersema, Carollo Engineers	82. EPA's Water Infrastructure and Technical Assistance Programs Update Sara Jacobs, US EPA Judy Hayducsko, Hawaii DOH	83. Real-Time Remote Monitoring Technology Helps Detect and Tackle I&I Issues Eric Van Cleave SmartCover Systems	84. Water Loss Control - Practical Approaches Mike Uthe Mueller Water Products
12:20 to 1:45 pm: Lunch	LUNCH IN EXHIBIT HALL					
1:45 to 2:15 pm Session 6	85. Salt to Fresh - The Feasibility of Desalination on Maui Eva Blumenstein, County of Maui Dept Water Supply Anita Selinger, Brown and Caldwell	86. Forensic Testing for Jet Fuel in Drinking Water Dennis Lopez, Hawaii DOH Eric Litman, Newfields	87. 2023 Update to State LID Practitioner's Guide Kristen Yoshida, Bowers+Kubota Consulting Josh Hekeka, DBEDT Office of Planning and Sustainable Development	88. Funding and Support for Water and Wastewater Infrastructure in Hawaii Jake Beebe and Lyla Berg Sustainability Partners LLC	89. Cesspool Conversion – Sewer Today With The Future In Mind Jill Davis Environment One Corporation	90. Corrosion Control For Ductile Iron Pipe Jeffrey Butters Ductile Iron Pipe Research Association
2:20 to 2:50 pm Session 7	91. Rising to Meet the Challenge of Wastewater Planning with Communities in Hawai'i Kim Falinski, The Nature Conservancy, Erica Perez, CORAL, Stuart Coleman, WAI	92. The Hawaii Infrastructure Task Force: The Army's Plan to Fix their Water System Michael Wong Hawaii Infrastructure Task Force, US Army Garrison Hawaii	93. It Takes a Village: Innovative Partnerships for Stormwater Management Randall Wakumoto, CCH DFM SWQD Lauren Roth Venu, 3Rwater	94. Funding Lahaina's Long-Term Recovery John Stufflebean, COM DWS Kim Pugel, Stantec	95. Ultraviolet Light Disinfection in Hawai'i - From Primary to Non-Potable Reuse Steve McDermid, Trojan Technologies Victor Moreland	96. Dead-End Danger Zone Dangers of uncirculated water in distribution dead-ends Robert Galvin Kupferle Water Solutions
2:50 to 3:20 pm: Afternoon Break	AFTERNOON BREAK ON 3RD FLOOR					
3:20 to 3:50 pm Session 8	97. Assessment of RO Fouling in MBR-RO Trains using Flat-Plate MBR Membranes Katerina Messologitis Stantec	98. The Red Hill Remediation Journey Joyce Lin Honolulu BWS	99. Enhancing Mauka Recharge Travis Hylton American Academy of Water Resources Engineers	100. Designing SCADA and Communications Resilience in a Challenging Environment Bill Cassidy HDR	101. Submersible Wastewater Pumps 101 Michael Kelley Zoeller Company/International Wastewater Technologies	102. Resilient and Sustainable Water Mains Matt Slazyk US Pipe
3:55 to 4:25 pm Session 9	103. New Paradigm on Odor & FOG Control Strategy at Wailua Sewage Collection System Meni Mancini, Tradeworks Environmental Inc Rhonda Harris, OTS LLC	104. Removal Technologies and Costs for Dieldrin in Hawaiian Groundwaters Pierre Kwan HDR	105. Emerging Stormwater Contaminants and Treatment BMPs Colin Steer Advanced Drainage Systems	106. Agricultural Resource Recovery Using Membrane Bioreactors Kelsey Vought Kennedy Jenks	107. Dewatering Water and Wastewater Plant Residuals with Screw Presses Wesley Bond FKC Co, LTd	108. 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	109. Considerations for Repair, Rehabilitation, or Replacement of Force Mains Cindy Preuss CDM Smith	110. Identification of disinfection byproduct precursor compounds in JP-5 jet fuel Emily Marron UH WRRC	111. Leadership in Crisis: Rebuilding Trust and Infrastructure Alex Page Emily Marron Kennedy Jenks	112. Work-4-Water: Tackling Hawai'i's Wastewater Workforce Shortage Gabby Saba Zimmer WAI-Wastewater Alternatives & Innovations	113. Centrifugal Grinder Pumps in Low Pressure Sewer Systems Connor Alexander Crane Pumps & Systems	114. Innovations in Steel Water Pipe Brent Keil and Ryan Thread Northwest Pipe Company
5 pm to 8 pm: Banquet	BANQUET					

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