

**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>					
	<b>Room 311</b>	<b>Room 312</b>	<b>Room 314</b>	<b>Room 315</b>	<b>Room 316B</b>	<b>Room 316C</b>
<p>9 am to 9:30 am: Session 1</p>	<p>1. Meeting Future Needs Isn't Free: Developing Sewer Rate Increases for ENV <b>Roger Babcock</b>, CCH ENV <b>Dave Ebersold</b>, CDM Smith</p>	<p>2. DWSRF Funding Updates <b>Judy Hayducsko</b> DOH SDWB</p>	<p>3. Sister Coasts in Adaptation: Insights &amp; Opportunities from Hawaii and California <b>Nate Kauffman</b> HDR</p>	<p>4. Sensing the Future: Utilizing AI in Water &amp; Wastewater Analysis <b>Ken Hayes</b> Core &amp; Main</p>	<p>5. MBR-DAS – densification improves MBR performance at the City of Detroit Lakes <b>Matt Reeve</b> and <b>Grant MacInnis</b> Veolia</p>	<p>6. Small Systems Roundtable</p>
<p>9:35 am to 10:05 am: Session 2</p>	<p>7. Closing America's Wastewater Access Gap Initiative Hawaii Update <b>Michael Mezzacapo</b>, US EPA <b>Cari Ishida</b>, Carollo Engineers</p>	<p>8. Pipe Dreams: Optimizing Pipeline Rehab and Replacement <b>Michaela Palmer</b> Trinnex/CDM Smith</p>	<p>9. How to Approach Climate Vulnerability Assessments: A Ko'olau Poko Case Study <b>Dr. Chip Fletcher</b>, UH SOEST <b>Dr. Tess Sprague</b>, Brown and Caldwell</p>	<p>10. The Future Is Now: Digital Liquid Analysis in Water/Wastewater <b>Chris Helliwell</b> Endress + Hauser</p>	<p>11. Emergency Investigation and Repair of a 48" Sewer under Interstate I-49 <b>Mike Larsen</b> 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 <b>Hernan Co</b> AECOM</p>	<p>14. LCRR &amp; LCRI Updates <b>Heather Iwasaki</b> and <b>Jeffrey Tsai</b> Hawaii DOH Safe Drinking Water Branch</p>	<p>15. Collectively Championing a One Water Plan: Deliver Benefits for Everyone <b>Lenise Marrero</b> Brown and Caldwell</p>	<p>16. A Web-Based Tool to Identify Nutrient Removal Strategies for your Plant <b>Mike Falk</b> and <b>JB Neethling</b> HDR</p>	<p>17. Grit Happens - Sustainable Solutions for Grit Management <b>Patrick Herrick</b> Hydro International</p>	<p>18. Overview of Domestic Requirements for Federally Funded Infrastructure Projects <b>Bill Paxton</b> 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 <b>Cathy Swanson</b> Purolite</p>	<p>20. Navigating the Lead and Copper Rule Revisions <b>Ryan Quitarano</b>, County of Hawaii DWS <b>Audrey Cabrera</b>, Brown and Caldwell</p>	<p>21. One Water Honolulu - Panel Session <b>Christin Reynolds</b> One World One Water, LLC</p>	<p>22. Building an Intelligent, Smart and Adaptive WWW Operations Model <b>Jose Bravini</b> Schneider Electric</p>	<p>23. No Access, No Problem: East Richland PSD UV-CIPP Installed from Barge <b>Troy Cubero</b> SAERTEX multiCom</p>	<p>24. Design of Roll-Out and Lift-Out Sections for Improved Pipeline Access <b>Chris Sundberg</b> and <b>Matt Gallo</b> 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 <b>Deborah Aweau</b>, County of Maui DEM WWRD <b>Alicia Suzuki</b>, Kennedy Jenks</p>	<p>26. Navigating Kauai's Water Future: Insights from the Water Systems Investment Plan <b>Jason Kagimoto</b>, County of Kauai DOW <b>Michelle Sorensen</b>, Brown and Caldwell</p>	<p>27. One Water Honolulu: Mapping Water Infrastructure Climate Vulnerabilities <b>Elisa Garvey</b> Carollo Engineers</p>	<p>28. Our SCADA is Isolated, What Risk? <b>David Brearley</b> HDR</p>	<p>29. Pass on the Pepto, We have UV!!! <b>Patrick Bollman</b> Xylem</p>	<p>30. Strategies for Effective Metallic Transmission Pipeline Management <b>Eric Toffin</b> 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 <b>Rachel Shaw</b> and <b>Kat Messologitis</b> Stantec</p>	<p>32. Water Sector Emergency Preparedness--Lessons, Strategies and Resilience <b>Patrick Kerr</b> American Water Works Association</p>	<p>33. One Water Thinking: A Response to SCOTUS' Functional Equivalent Decision <b>Craig Lekven</b> Brown and Caldwell</p>	<p>34. Using AI Technology to Expedite Coding and Design <b>Cassie Martin</b>, County of Maui DEM <b>Carl Koester</b>, Jacobs</p>	<p>35. Demands for High Performance Specialty Coatings and Installation <b>Gregory Wallace</b> Imerys</p>	<p>36. Actively Managing Leak Detection <b>Kevin Barnes</b> 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. <b>Bob Armstrong</b>, Stantec <b>Kyle Yukumoto</b>, RM Towill</p>	<p>38. County of Maui Department of Water Supply Response to 2023 Maui Wildfires <b>Ashley Laroya</b> and <b>William E. Platten III</b> County of Maui Dept of Water Supply</p>	<p>39. Methods for the Design of Tsunami-Resilient Water and Wastewater Infrastructure <b>Yashar Rafati</b> HDR</p>	<p>40. SCADA Alarm Management Technologies, Tips &amp; Tricks <b>Alan Hudson</b> VTScada</p>	<p>41. Latest Case Studies for Aerobic Granular Sludge <b>Brett Quimby</b> Aqua-Aerobic Systems, Inc</p>	<p>42. PRV Knowledge, Issues &amp; Solutions <b>Nick Martinez</b> 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 Management <b>Andrew Goldberg</b> Brown and Caldwell</p>	<p>44. Emergency Action Plans for Hawaii Reservoirs – Tools for the Management Toolbox <b>Jon Keeling</b> Stantec</p>	<p>45. Tsunami Design - Using Innovation to Ride the Waves of Recent Code Changes <b>Jeffrey Wouters</b> Kennedy Jenks</p>	<p>46. Data Management and Visualization <b>Mario Benisch</b> HDR</p>	<p>47. Basic Hydraulics and Portable Pump System Design <b>Paul Leonard</b> Pacific Pump &amp; Power</p>	<p>48. Four Tenets of Pressure Vessel Design <b>Kelsey Beckwith</b> Aqueous Vets</p>
<p>4:30 pm to 5:00 pm: Session 9</p>	<p>49. Decarbonization of co-digestion through nitrous oxide recovery <b>Zhiyue Wang</b>, UH Manoa <b>Bhargavi Subramanian</b>, Kennedy Jenks</p>	<p>50. Protecting O'ahu's Groundwater: Implementing the Source Water Protection Plan <b>Marc Chun</b>, Honolulu BWS <b>Rhea Quezon</b>, CDM Smith</p>	<p>51. Building Resilient Coastal Communities <b>Angela Schedel</b> HDR</p>	<p>52. A Holistic Data-Driven Approach to Water Quality and Pressure Management <b>Mike Uthe</b> Mueller Water Products</p>	<p>53. Aging Infrastructure? VFD's, a perfect fit! <b>Chris Dugas</b> ABB Drives</p>	<p>54. Contingency Planning for Emergency Pipeline Repair – Lessons Learned <b>Mike Scholz</b> JCM</p>
<p>5 pm to 7 pm: Meet &amp; Greet</p>	<p align="center">MEET AND GREET IN EXHIBIT HALL</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	55. Prepping your Wastewater for Future Potable Reuse <b>Travis Stevens</b> Kennedy Jenks	56. PFAS Rule Updates: State Perspective <b>Zhaohui Wang</b> DOH SDWB	57. Squeezing Multiple-Benefits from Urban Stormwater Capture and Use Projects <b>Jim Rasmus</b> Stantec	58. Starting Earlier than Early: Taking a Holistic Approach to Funding CIP Programs <b>Seema Chavan</b> Brown and Caldwell	59. Shrinking the MBR Footprint Even Further <b>Larry Morris</b> Kubota Membrane USA Corp	60. Resilient Pipeline for Landslides and Settlement with Corrosion Protection <b>Takaaki Kagawa</b> Kubota
9:25 to 9:55 am Session 2	61. Expanding the HI Cesspool Prioritization Tool with Centralized WW System Data <b>Chris Shuler and Melanie Lander</b> UH Manoa WRRRC	62. PFAS in Water Utilities – Public, Technical, and Operational Pathways to Success <b>Alan LaBlanc</b> CDM Smith	63. Key Takeaways from Lahaina Wildfire Damage Assessment for Water Infrastructure <b>John Stufflebean</b> , County of Maui Dept of Water Supply <b>Felicia James</b> , Carollo Engineers	64. Funding Alignment Tool – Simple Tools to Maximize Funding Opportunities <b>Carlee Fullenkamp and Angela Miller</b> HDR	65. Optimize Mixing for Efficiency & Process Resiliency <b>Alden Meade</b> Xylem	66. Water Disinfection using Diaphragm or Peristaltic Pumps, Accessories and Systems <b>Rich Hopkins</b> 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 <b>Bob Armstrong</b> , Stantec <b>Kyle Yukumoto</b> , RM Towill	68. Evaluating Technologies for PFAS Removal in Drinking Water Applications <b>Emily Henderson</b> GHD	69. Lahaina Wildfire Stormwater Mitigation Response <b>Mark Ohigashi</b> EnviroServices & Training Center	70. Proactive Development of Potable Reuse Guidance and Regulations – Lessons Learned and a Path Forward <b>Andrew Salveson</b> , Carollo <b>Kevin Hardy</b> , National Water Research Institute	71. Bypass Pumping & the Sulfide Challenge – H2S Safety, Odor & Corrosion Mitigation <b>Sean Trainor</b> Xylem/Evoqua Water Technologies	72. From Beginning to End: The Story of GAC – Filter Startup to Media Reactivation <b>Ben Goecke</b> Calgon Carbon Corporation
11:15 to 11:45 am Session 4	73. Exploring the Benefits of Integrated Planning for ENV in Honolulu, HI <b>Bill Fernandez</b> CDM Smith	74. Our 15 Year Journey: History and Ongoing Impacts of PFAS within the Tucson Basin <b>John P. Kmiec</b> Tucson Water	75. Lahaina Post-Wildfire BMP Implementation and Lessons Learned <b>Yvana Hrovat</b> Haley & Aldrich	76. Flowing Water: Federal Funding in and for our Communities <b>Dana Okano and Melissa Unemori Hampe</b> Hawaii Community Foundation	77. A Breath of Fresh Air - The Importance of Diffused Aeration Systems <b>Bryen Woo</b> Aquarius Technologies LLC	78. Optimizing Water Quality in Drinking Water Distribution Systems <b>Ethan Brooke</b> Clearwater1
11:50 to 12:20 pm Session 5	79. Achieving Ambient Water Quality Improvements Through Targeted Watershed Identification and Modeling <b>Aimee' Killeen</b> WEF Past President	80. The Honolulu Board Of Water Supply's Approach to Addressing PFAS <b>Marc Chun</b> , Honolulu BWS <b>Sierra Johnson</b> , Brown and Caldwell	81. Rethinking Water Distribution in the aftermath of the Lahaina Wildfires <b>John Stufflebean</b> , County of Maui Dept of Water Supply <b>Inge Wiersema</b> , Carollo Engineers	82. EPA's Water Infrastructure and Technical Assistance Programs Update <b>Sara Jacobs</b> , US EPA <b>Judy Hayducsko</b> , Hawaii DOH	83. Real-Time Remote Monitoring Technology Helps Detect and Tackle I&I Issues <b>Eric Van Cleave</b> SmartCover Systems	84. Water Loss Control - Practical Approaches <b>Mike Uthe</b> 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 <b>Eva Blumenstein</b> , County of Maui Dept Water Supply <b>Anita Selinger</b> , Brown and Caldwell	86. Forensic Testing for Jet Fuel in Drinking Water <b>Dennis Lopez</b> , Hawaii DOH <b>Eric Litman</b> , Newfields	87. 2023 Update to State LID Practitioner's Guide <b>Kristen Yoshida</b> , Bowers+Kubota Consulting <b>Josh Hekeka</b> , DBEDT Office of Planning and Sustainable Development	88. Funding and Support for Water and Wastewater Infrastructure in Hawaii <b>Jake Beebe and Lyla Berg</b> Sustainability Partners LLC	89. Cesspool Conversion – Sewer Today With The Future In Mind <b>Jill Davis</b> Environment One Corporation	90. Corrosion Control For Ductile Iron Pipe <b>Jeffrey Butters</b> 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 <b>Kim Falinski</b> , The Nature Conservancy <b>Erica Perez</b> , CORAL <b>Stuart Coleman</b> , WAI	92. The Hawaii Infrastructure Task Force: The Army's Plan to Fix their Water System <b>Michael Wong</b> Hawaii Infrastructure Task Force, US Army Garrison Hawaii	93. It Takes a Village: Innovative Partnerships for Stormwater Management <b>Randall Wakumoto</b> , CCH DFM Stormwater Quality Div <b>Lauren Roth Venu</b> , 3Rwater	94. Funding Lahaina's Long-Term Recovery <b>John Stufflebean</b> , County of Maui Dept of Water Supply <b>Kim Pugel</b> , Stantec	95. Ultraviolet Light Disinfection in Hawai'i - From Primary to Non-Potable Reuse <b>Steve McDermid</b> , Trojan Technologies <b>Victor Moreland</b>	96. Dead-End Danger Zone Dangers of uncirculated water in distribution dead-ends <b>Robert Galvin</b> 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 <b>Katerina Messologitis</b> Stantec	98. The Red Hill Remediation Journey <b>Joyce Lin</b> Honolulu BWS	99. Enhancing Mauka Recharge <b>Travis Hylton</b> American Academy of Water Resources Engineers	100. Designing SCADA and Communications Resilience in a Challenging Environment <b>Bill Cassity</b> HDR	101. Submersible Wastewater Pumps 101 <b>Michael Kelley</b> Zoeller Company/International Wastewater Technologies	102. Resilient and Sustainable Water Mains <b>Matt Slazyk</b> US Pipe
3:55 to 4:25 pm Session 9	103. New Paradigm on Odor & FOG Control Strategy at Wailua Sewage Collection System <b>Meni Mancini</b> , Tradeworks Environmental Inc <b>Rhonda Harris</b> , OTS LLC	104. Removal Technologies and Costs for Dieldrin in Hawaiian Groundwaters <b>Pierre Kwan</b> HDR	105. Emerging Stormwater Contaminants and Treatment BMPs <b>Colin Steer</b> Advanced Drainage Systems	106. Agricultural Resource Recovery Using Membrane Bioreactors <b>Kelsey Vought</b> Kennedy Jenks	107. Dewatering Water and Wastewater Plant Residuals with Screw Presses <b>Wesley Bond</b> FKC Co, LTd	108. Metering 2.0 – The benefits of Smart Water Meters to Solve Utility Challenges <b>Dewayne Self</b> , Pacific Pipe/Core and Main <b>Ryan Carnathan</b> , Sensus
4:30 to 5:00 pm Session 10	109. Considerations for Repair, Rehabilitation, or Replacement of Force Mains <b>Cindy Preuss</b> CDM Smith	110. Identification of disinfection byproduct precursor compounds in JP-5 jet fuel <b>Emily Marron</b> UH WRRRC	111. Leadership in Crisis: Rebuilding Trust and Infrastructure <b>Alex Page</b> Kennedy Jenks	112. Work-4-Water: Tackling Hawai'i's Wastewater Workforce Shortage <b>Gabby Saba Zimmer</b> WAI-Wastewater Alternatives & Innovations	113. Centrifugal Grinder Pumps in Low Pressure Sewer Systems <b>Connor Alexander</b> Crane Pumps & Systems	114. Innovations in Steel Water Pipe <b>Brent Keil and Ryan Thread</b> Northwest Pipe Company
5 pm to 8 pm: Banquet	BANQUET					

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