

CONFERENCE SCHEDULE

CONFERENCE DAY #1 - FEBRUARY 2, 2021

	WATER OPERATORS TRAINING	WASTEWATER	MISCELLANEOUS	YOUNG PROFESSIONALS
8AM-8:30AM	<p>ONCE MORE INTO THE BLEACH: HANDLING AND APPLICATION OF SODIUM HYPOCHLORITE (4 HOURS TOTAL) VIA GO TO TRAINING PLATFORM</p>	AWWA & HWEA Intro (10 Min), Keynote Speaker (20 min)		
8:30AM-9AM		State of Hawaii Cesspool Conversion Working Group Christin Reynolds One World One Water	Case Study: Hyperion Advanced Water Purification Demonstration Facility Robert McCandless Brown and Caldwell	Introduction AWWA Representative
9AM-9:30AM		Cesspool Conversion Options for Hawaii: Evaluation of Onsite Treatment and Disposal Technologies Cari Ishida Carollo	Kalaheo Seawater Desalination, Reducing Project Uncertainties and Risks in a DBOM Delivery RFP Barry Usagawa Honolulu Board of Water Supply	Recycled Water Honolulu Board of Water Supply
9:30AM-10AM		BREAK		
10AM-10:30AM		Experimenting with Denitrifying Leachfields: A Passive Nitrogen Removal Method for Cesspool Replacements Dr. Roger Babcock UH Manoa	Save the Outfall, Save the Avocados: Design Build for Advanced Treatment Scott Lacy Brown and Caldwell	Honouliuli Treatment Plant Veolia
10:30AM-11AM				
11AM-11:30AM		SCOTUS and WOTUS; Implications and Confusion for Hawaii Wastewater Agencies Craig Lekven & Kelly Collins Brown and Caldwell	Investing in Desalination for Water Supply Resilience: Worth its Weight in Salt? Nancy Phan Raftelis	Early Career Expectations Ken Kawahara Akinaka and Associates
11:30AM-12PM		Building and Starting Up Phosphorous Recovery Cody Charnas Stantec	Leveraging Industry Experience to Anticipate the Trade-offs of Alternative Water Supplies Erin Mackey & Wendy Broley Brown and Caldwell	Networking Cliff Lum HDR
12-12:30PM		BNR Conversion of Ora Loma Water Pollution Control Plant David Seymour Kennedy Jenks	Working out the "Small" Details: How to Overcome Challenges Associated with Satellite Membrane Bioreactor Water Reclamation Facilities Andrew Gilmore Carollo	Getting Involved: HWEA AWWA YP & ASCE YMF Daniel Koge (YP Chair) and Carly Kaneko (ASCE YMF President)
12:30-1:30PM		BREAK		
12:30-1:30PM	HWEA GENERAL MEMBERSHIP MEETING			

CONFERENCE SCHEDULE

CONFERENCE DAY #2 - FEBRUARY 3, 2021

	Water	Wastewater	Miscellaneous	Vendor
8AM-8:30AM	Optimizing Pipeline Rehabilitation and Replacement — InfoAsset Risk Oryn Nakamura Honolulu Board of Water Supply	TBD	Weighing the Future of Non-Potable Reuse in Colorado Patricia Whitby Brown and Caldwell	Remote Imaging for Linear Underground Asset Management and Real Water Loss Reduction on Oahu Paul Gagliardo Gagliacqua
8:30AM-9AM	BWS and COVID-19 Kathleen Elliott-Pahinui Honolulu Board of Water Supply	Honouliuli WWTP Expansion Phase 1B Project — 5 Quality Assurance Steps for Corrosion Resistant Lining Systems Joe Keating Sauereisen SewerGard 210	Prepare your Water/Wastewater Operations for the Future Janine Nielsen Rockwell Automation	Comparison of Compressible Medium and Cloth Disk Primary Filtration Technologies to Replace or Augment Conventional Primary Treatment Method Onder Caliskaner Caliskaner Water Technologies, Inc.
9AM-9:30AM	EPA Drinking Water Regulatory Update Anna Yen US EPA	Comparison of Low-, Medium-, and High-Temperature Thermal Hydrolysis (THP) on Product Speciation and Biomethane Potential of Primary and Secondary Sewage Sludge from Honouliuli WWTP Dr. Roger Babcock UH Manoa	Potable Reuse from Across Two Ponds — Evaluating Water Recycling in the UK Melanie Holmer Brown and Caldwell	Adaptive Mixing Leads to Better Biological Nutrient Removal Michele Braas Xylem, Inc.
9:30AM-10AM	BREAK			
10AM-10:30AM	System Integration and Collaboration Prepares San Juan Water for the Future Christa Campbell ESRI	Startup and Testing of a New Biofilter Odor Control System Jordan Fahmie AECOM	Climate Ready O'ahu Update Matthew Gonsar Office of Climate Change, Sustainability, and Resiliency	When COVID Clouds the O&M Picture to IoT Brings New Clarity Jay Boyd ADS Environmental Services
10:30AM-11AM	There was a fire in my watershed, now what? Erin Mackey Brown and Caldwell	Start-up and Commissioning at the Lahaina Wastewater Reclamation Facility Jennifer Chang Jacobs	Hawaii Fresh Water Initiative: Update and Next Steps Lara Applegate, Dana Okano Hawaii Community Foundation	Wastewater Headworks Screening for Smaller Installations Dave Barkey JWC Environmental
11am-11:30am	2020 Second Edition of AWWA M55 HDPE Pipe Amster Howard	Creating and Implementing a Smart Industrial Monitoring Network and Advanced Data Analytics at the City of Memphis John Abrera & Josh Balentine Brown and Caldwell	Hawaii's watershed partnerships and protecting the source water of the Waianae Mountains. Shelley Gustafson Hawaii Association of Watershed Partnerships	How to Reduce Bending Moments on Large Butterfly Valves Belowground Chris Sundberg Victaulic
11:30AM-12PM	The Fast PFAS Arms Race for Reliable Water Treatment Removal Techniques Ayman Shawwa Stantec	Enhanced Source Control Programs Using Real Time Sewer Monitoring Systems Andy Salvesson Carollo	Direct Detection of Pathogen for Recreational Water Quality Monitoring in Hawaii Prakit Saingam UH Manoa	Distribution System Water Quality Improvements with Implementation of Active Tank Mixing Gunnar Thordarson PSI Water Technology
12-12:30PM	BREAK			
12:30-1:30PM	AWWA Hawaii Section General Membership Meeting			

CONFERENCE SCHEDULE

CONFERENCE DAY #3 - FEBRUARY 4, 2021

	Water	Wastewater	Miscellaneous	Vendor
8AM-8:30AM	Hawaii's Water Quality Standards: Time for an Update Robert Bourke	Enhancing Biogas Production from Anaerobic Digesters through Organic Waste Addition – Benefits and Lessons Learned Ganesh Rajagopalan Kennedy Jenks	From Recycled Water to Vines - A Chloride Reduction Story Melanie Holmer Brown and Caldwell	Mechanical Fittings and Repairs on High Density Polyethylene Pipe (HDPE) Mike Scholz JCM Industries, Inc.
8:30AM-9AM	Analytical Uncertainty Associated with Regulation of Nutrients at Trace Levels Robin Knox Water Quality Consulting, Inc.	Process Intensification using Membrane Bioreactor Process: The Case of Fulton County, GA Jose Jimenez Brown and Caldwell	Greywater Recycling with Aqualoop NSF 350 Certified Process Robert Drew Ecoview Water Management	Coatings and the Longevity of Ductile Iron Pipe Aubra Aina US Pipe and Foundry Company
9AM-9:30AM	Comparison of removal of preformed disinfection byproducts vs removal of TOC on GAC performance Laurie Sullivan Brown and Caldwell	To expand, or to intensify? An anaerobic digestion question Nicole Stephens Stantec	Using WiFi to Finance Water Reuse Projects Kavita Mak US EPA	Maps and Apps support COVID-19 Response at Central Arkansas Water Alex Harper Central Arkansas Water
9:30AM-10AM	BREAK			
	Accurate Risk-Based Prioritization of Transmission Pipelines Judy Nishimoto CDM Smith	Waianae WWTP Digester Rehabilitation Luke Werner Kennedy Jenks	Should We Plan for Multimeter Sea Level Rise this Century Chip Fletcher UH SOEST	Best Available Treatment Technologies for Treating PFAS Mike Tallering Environmental Site Solutions (ESS)
10:30AM-11AM	Being "Smart" is Essential For the Utility of the Future: Understanding What is Hard to See in the Data Kevin Stively Brown and Caldwell	London Tideway Improvement Program David Crawford Jacobs	Evaluating Potential Next Steps to Address Mapunapuna Flooding Bill Fernandez CDM Smith	Flushing Water Mains without Discharging the Water Used to Do So Chris Wilkinson NO-DES Inc
11AM-11:30AM	Developing a Large-Scale Emergency Power Plan James Kim CDM Smith	The Importance of Wastewater Characterization and how to do it right! Akram Botrous Stantec	Characterizing the Push-Pulls of Stormwater Management Discourse Aida Arik Urban & Regional Planning, UH Manoa	Discfilters are not just for Reuse. Learn about the many applications the Discfilter has been successfully used Globally for treating wastewater. Jim Georger Kruger Inc (Veolia)
11:30AM-12PM	Hawaii Small Systems Roundtable Barry Pollock & Juanita Reyher Colon RCAC	Lifting the Fog from FOG Receiving Rashi Gupta Carollo	The Hawaii Drought Knowledge Exchange (HDKE) Ryan Longman East-West Center	Advantages of Ultra High Solids Linings in Potable Water Service Eric Zimmerman Sherwin Williams
12-12:30PM	BREAK			
12:30-1:30PM	End of Conference Social/Officer Transition Ceremony			

EXHIBITOR inFORMATION

First Name	Last Name	Email Address	Organization
Allen	Cox	acox@dipra.org	DIPRA
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