

2025 Conference Program Schedule		Maximum CEUs Possible - Idaho - 2.0 DW	Maximum CEUs Possible - Oregon - 2.0 DW	Maximum CEUs Possible - 2.0 WDOH					
Wednesday, May 7, 2005									
Morning Pre-Conference Seminars									
Room	Off-Site (Meet in Lobby)	100 E	110 A	110 B	110 C	110 D	120 A	120 B	120 C
Hosting Committee	Water Treatment	Water Information Tech	Distribution						
Seminar	West Boise Water Renewal Facility Tour	Utilizing Excel to Improve Utility Operations	Water Storage Basics						
8:30	Tour of West Boise Water Renewal Facility (w/ww)	Section 1 - Excel Basics for Performing Operator Math - Jason Van Glider (w/ww)	Section 1 - Water Storage Basics Section 2 - Soils & Seismic Considerations for Water Storage Siting & Design (w)						
9:00	Tour of West Boise Water Renewal Facility (w/ww)								
9:30 - 9:45 Break									
9:45	Tour of West Boise Water Renewal Facility (w/ww)	Section 2 - Using Excel to Keep Track of Stuff (Project Management) - Jason Van Glider (w/ww)	Section 3 - Structural Considerations for Design Section 4 - Piping Connections (w)						
10:15	Tour of West Boise Water Renewal Facility (w/ww)								
10:45 - 11:00 Break									
11:00	Tour of West Boise Water Renewal Facility (w/ww)	Section 3 - Creating Template Worksheets for Repeatable Calculations - Jason Van Glider (w/ww)	Section 5 - Corrosion Control Methods for Water Storage Tanks (w)						
11:30	Tour of West Boise Water Renewal Facility (w/ww)								
Afternoon Pre-Conference Seminars									
Room	Off-Site (Meet in Lobby)	100 E	110 A	110 B	110 C	110 D	120 A	120 B	120 C
Hosting Committee	Water Quality	Water Information Tech	Distribution						
Seminar	Veolia Treatment Plant Tours	Utilizing Excel to Improve Utility Operations	Water Storage Basics						
1:00	Tour of Veolia's Columbia Water Treatment Plant (w)	Section 4 - Visualizing your Data - Jason Van Glider (w/ww)	Section 6 - Sanitary Surveys of Finished Water Storage and Section 7 Pressure Water Storage (w)						
1:30	Tour of Veolia's Columbia Water Treatment Plant (w)								
2:00 - 2:15 Break									
2:15	Tour of Veolia's Columbia Water Treatment Plant (w)	Section 5 - Checking your Work and Finding Errors - Jason Van Glider (w/ww)	Section 8 - Tank Materials, Section 9 - Large Reservoirs and Section 10 - Reservoir Water Quality (w)						
2:45	Tour of Veolia's Marden Water Treatment Plant (w)			Section 6 - Lookup Functions and Functions Using Criteria - Jason Van Glider					
3:15 - 3:30 Break									
3:30		Section 7 - Cool Tools - Solver and Regression Analysis and Section 8 - Conclusion - Jason Van Glider (w/ww)	Section 11 - Inspection of Water Storage Facilities and Section 12 - Post Seismic Event Surveys (w)						
4:00									

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Maximum CEUs Possible - Idaho - 2.0 DW			Maximum CEUs Possible - Oregon - 2.0 DW			Maximum CEUs Possible - 2.0 WDOH			
Thursday, May 8, 2025									
Morning Early Bird Sessions									
Room	100 D	100 E	110 A	110 B	110 C	110 D	120 A	120 B	120 C
Hosting Committee	Engineering		Water Treatment	Public Information	Utility Management	Water Quality	Research		
7:00	I love it when a plan comes together! PDB Delivery for Tigard's Reservoir 18 and Pump Station - Matt Hickey (w)		Strategic Consumer Messaging for Microplastics in Drinking Water - Brent Alspach (w)	Elevating the Customer Experience - How Tacoma Water Implemented Electronic Notifications for Events Impacting Water Supply - Tyler Cummings (w)	Preparing your Utility for Major Infrastructure Improvements - Kenneth Kvasnicka and Keith Ward (w/ww)	PFAS - the Drinking Water Rule - Cassandra Lemmons (w)	Building Treatment Resilience to Wildfires through Conventional Filtration Piloting - Mac Gifford (w)		
7:30	WWSP Res_1.0: Lessons in Seismic Design and Alternative Project Delivery - Kenton Alldritt (w)		What Can UCMRS Tell Us about the Future of PFAS Compliance? - Kyle Thompson (w)	Stakeholder & Customer Education Through StoryMaps - Madeline Wyatt (w/ww)	Sanitary Surveys – a Regional Engineer's Perspective - Laura McLaughlin (w)				
Morning Technical Sessions									
Room	100 D	100 E	110 A	110 B	110 C	110 D	120 A	120 B	120 C
Hosting Committee	Engineering	Distribution	Water Treatment	Public Information	Utility Management	Water Quality	Research	Water Information Tech	Water Resources
8:30	Ship in a Bottle: In-Situ Repairs of a Critical Reservoir to Prevent Impending Failure - Nicholas Welling (w/ww)	The Future of Pipe Replacement - Craig Christensen (w)	Zero To Mach 2.5 in 13 Months: Design Build for the Mountin Home Air Force Base Water Treatment Plant Enoch Nicholson (w)	Wastewater Treatment for Watershed Protection - Technical and Regulatory Challenges Post Maui - Chris Einmo (w/ww)	DWSRF Funding and Technical Assistance in Washington State Christopher Pettit (w)	LCRR Implementation in Idaho and LCRI Updates - Cassandra Lemmons (w)	Biological Treatment for Drinking Water - Kelly Evans (w)	Aggressive Planning for a Resilient Water System: The SCADA Roadmap Kelly Kimball (w/ww)	Idaho Washington Aquifer Collaborative - Dan Kegley (w)
9:00	Building for Tomorrow: Replacement of 100 Year-Old Reservoir - Kali Lee (w)		Virtual Vision: Enhancing Water Plant with Digital Simulation and Machine Learning - Qianru Deng (w)		Emerging Funding Trends: How to Optimize Funding Sources for Your Water and Wastewater Utility - Kristina Gillespie-Jaques (w/ww)		Studying Mitigation of DBP Problems for Amador Water Agency with a Total Capacity of 10.6 MGD - Bryan Phinney (w)	Unlocking OT Data: A Playbook for Managing Operational Technology Securely for Enterprise Optimization Klint Fletcher (w/ww)	
9:30 - 9:45 Break									
9:45	Rehabilitating a Century Old Transmission Main – balancing competing priorities in a 30-year Capital Improvements Plan - David McBride (w)	Proactive Pipeline Management: Gresham's Innovative Approach to Watermain Assessment Using Non-linear Vibroacoustic. - Wendy Andaya (w)	Take it to the Limit! Startup and Commissioning of 12 gpm/sf Deep Bed Filters at the Medford Water Robert A. Duff WTP - Joshua Kennedy (w)	Developing a PFAS Response Roadmap to Maintain Public Trust: Salem's Case Study - Tyler Kane (w/ww)	The Yellow Brick Road to PFAS Compliance - Mehrin Selimgir (w)		Conquering Stubborn Disinfection By Product Precursors Greg Dye (w)	Bridging the Gap Between Data to Decisions – Streamlined Processing, Review, and Presentation - Ryan Jones (w)	Groundwater Management in California: State of Sustainable Groundwater Management Act (SGMA) Implementation - Gus Tolley (w)
10:15	Dog River Pipeline Replacement: Replacing 100 year wooden pipeline to secure a resilient water future. Part 2 - post construction report. - Brady Fuller (w/ww)	Eyes and Ears on Your Water System Ray Velasquez (w)	The Facts about GAC/IX Pressure Vessel Design - Ben Goecke (w)	Maximizing Outreach Success through WAVE: Willingness, Accountability, Visibility, and Empathy - Marlys Ryan (w/ww)	Sustaining our Resilient Water Workforce - Kimberly Kelsey (w/ww)			Life Happens when You're Busy Planning – Leveraging Decision-Making Tools to Implement Dynamic Planning - Matt Huang (w/ww)	Successful management of the Bull Mountain-Cooper Mountain Critical Groundwater Area through implementation of ASR - Jason Melady (w)
10:45 - 11:00 Break									
11:00	What lives below a historic 100-year old reservoir? - Matt Perkins (w)	Proactive Leak Detection and Condition Assessment for Critical Pipeline Assets - Doug McClintic (w/ww)	Navigating Water Treatment Challenges in the Desert: Building a Sustainable Treatment Plant for the Community of LeChee - Jake Himebaugh and Joanie Stulz (w)	Volunteers, Citizen Scientists, and Natural Resource Professionals . . . the Role of Non-Profits in the Protection of Idaho Rivers - Robert Tiedemann (w/ww)	Unconventional Pathways - How Skills from Other Fields Enhance Water Industry Careers - Julia Cummings (w/ww)		Low wavelength UV water treatment of cyanotoxins - Natalie Hull (w)	Revolutionizing Water Infrastructure by AI-Powered Risk Mitigation Planning - Bridget Garlinghouse (w/ww)	We Have Changed the Trajectory of the ESPA - David Hoekema (w)
11:30	Replacing an Icon: Planning, design, and construction of a new elevated water tower in the City of Idaho Falls - Dennis Galinato (w)	Listen Up: Reverse Water Loss and Improve Operational Efficiency with Embedded Acoustic Leak Detection - Jake W. (w)	Beaches and Backwash Management: Implementing Groundwater Treatment on Orcas Island - Kenny Packard (w)	The Benefits of Banter, Small Talk, Informal Interviews, and Getting to Know You - Joe Miller (w/ww)	Advantages of Collaboration Among Water Purveyors - Lessons From the Formation of the Treasure Valley Domestic Water Purveyors Group - Jason VanGilder (w/ww)	USEPA Cybersecurity Guidance for Drinking Water and Wastewater Systems - Karen Edwards-Lindsey (w/ww)	Scenarios for PFAS Destruction at Municipal Scale Water Treatment Facilities - Brent Alspach (w)	Empowering Staff and Enhancing Retention through Data - Dilip Kumar (w/ww)	Leveraging Groundwater to Support a Long-Term Basin-Scale Water Management and Habitat Improvement Plan - Jeff Dermond (w)
12:00 - 1:30 Vendor Lunch									
Afternoon Technical Sessions									
Room	100 D	100 E	110 A	110 B	110 C	110 D	120 A	120 B	120 C
Hosting Committee	Engineering	Distribution	Water Treatment	Conservation	Utility Management	Water Quality	Research	Water Information Tech	Water Resources
1:30	Between design and construction, there is permitting! Benedicte Diakubama (w)	Transmission Main 101 – Considerations with Examples from the Cascade Groundwater Alliance Pipeline Project - Scott Duren (w)	Out with the Old and in with the New! Replacement of Diatomaceous Earth Filtration - Amy Gao (w)	Utilizing AWWA Management Standards for Water Conservation and Efficiency - Mike Buettner (w)	Applying the New Effective Utility Management Framework to Your Utility - Michael Grimm (w)	Dialing in on Disinfection – Evaluation of Alternatives for PUD No. 1 of Skagit County, Part I - Virpi Salo-Zieman, Mellinda Friedman, Gary Tollefson (w)	From Crisis to Long-term Resilience: Reflections on the Events Following 2018 Algal Toxin Event in Salem, OR - Jude Grounds (w)	Is It a Model or Is It a Digital Twin? Results of the 2024 AWWA Survey on Water Distribution Technology - Matt Huang (w)	North Santiam Watershed Drought Contingency Planning - Leah Cogan(w)
2:00	Instrumentation & Controls (I&C) 101 - Stephanie McGregor (w/ww)	Pipe Bursting Water Mains - process, design, construction, and model for success - George Mallakis (w)	Utilizing Plate Settler Technology to increase Production Capacity and Water Quality at the Jordan Valley Water Treatment Plant - Jake Himebaugh (w)	Hillsboro's Approach to Water Conservation: Education, Efficiency, and Stewardship - Amy Meaut (w)	Back to the Future: Ideas for Planning for the Future of Water and Climate Change - John Phillips (w)	Dialing in on Disinfection – Evaluation of Alternatives for PUD No. 1 of Skagit County, Part II - Julia Cummings (w)		Being Prepared! Adaptive Planning for an Uncertain World - Sarah Dominick(w/ww)	Wildfires and Extreme Weather Events: Preparing for the Future - William Becker(w)
2:30 - 2:45 Break									

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Thursday, May 8, 2005 Continued									
Afternoon Technical Sessions									
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Hosting Committee	Engineering	Distribution	Water Treatment	Conservation	Utility Management	Water Quality	Research	Water Information Tech	Water Resources
2:45	Under Pressure: Delivering a new 4 MGD WTP, a 2 MG Reservoir, and PS Upgrades on a Small Footprint and Critical Schedule for the Cascade Groundwater Alliance - Pat Van Duser (w)	Shutoff Valves: A Look into the Differences between Resilient Wedge Gate Valves and Butterfly Valves - Matt McQuillan(w)	"Shut it Down!": Activating an Emergency Intertie for Six Weeks of Planned Treatment Plant Improvements- Adam Bjornstedt (w)	Reducing Water Loss - Stories from the Pacific Northwest - Mike Utthe (w)	Note Taker to Decision Maker? Navigating the Transition Beyond Just a YP - Connor Mancosky (w/ww)	Snake River WTP: Idaho's newest surface water treatment plant - Pierre Kwan (w)	Innovative Natural Treatment Solutions to Protect Streams from Contaminants of Emerging Concern - Tom Points (w/ww)	EPA Cybersecurity Guidance for Drinking Water and Wastewater Systems - Karen Edwards-Lindsey (w/ww)	Using Water Quality Modeling to Improve Wildfire Resiliency - Libby McKenna (w)
3:15	Innovative Solutions for Modernizing the City Creek Water Treatment Plant: Overcoming Project Restraints and Challenges - Jake Himebaugh (w)		Ketchikan Public Utilities' path to becoming the second Limited Alternative to Filtration water system in the US - Enoch Nicholson (w)		Entering the Twilight Zone, a place between reality and fantasy, a place where O&M and Engineering staff work well together. - Laura Farthing (w/ww)	Developing a Nimble Treatability Investigation Program from the Ground Up - Erin Mackey (w/ww)			Surpassing Standards: Elevating Source Water Protection - Elizabeth Crafton (w)
3:45 - 4:00 Break									
4:00	New 30 MGD Groundwater Treatment Planning, Design, and Construction - Cascade Groundwater Alliance - Jeffrey Fuchs (w)	Fire Hydrants Past, Present and Future - Vaughn Barber(w)	Arlington's Water Legacy: A Two-Phase WTP Expansion for Present and Future Generations - Kevin Garcia (w)	One Water Program Management – A Knowledge Base and Guidance Manual (WRF 5196) - Karen Pappas (w/ww)	Hazard Mitigation Planning for Water/Wastewater Districts - Robert Flaner (w/ww)	Formation of Disinfection Byproducts During Aquifer Storage and Recovery in Basalt - Brad Bessinger (w)	Thermal Loading Regulation and Mitigation for Water Utilities - Rob Annear (w/ww)	Drone LiDAR and Imaging System for Utilities - Michael Ostergaard (w)	Prepare, Prevent, and Post-solve: Navigating the 2024 Alberta drought emergency with modeling exercises - Michael Sheer (w)
4:30	Even Greenfields get the Blues: Site Layout Challenges for the Bull Run Filtration Facility - Jude Grounds, Mark Graham, Lyda Hakes (w/ww)		Converting a Splash Pad to a Recycle System - Middleton Idaho's Water Saving Adventure - Jason Van Gilder (w/ww)	Are we getting the most out of our energy efficiency programs? - Robert Barrett, Timothy Parker (w/ww)	Rise above! Ozone Design for a changing surface water at the Green River Filter Facility - Tessora Young (w)	Optimization of a Water Network - Veolia Water Idaho's path to Efficiency & Savings - Michael Espejo (w)		Utilization of Advanced Organics Characterization Methods to Understand Treatability to Wildfire Events - Lynn Stephens (w)	
Friday, May 9, 2005									
Morning Early Bird Sessions									
Room	100 D	100 E	110 A	110 B	110 C	110 D	120 A/B	120 C	
Hosting Committee	Engineering		Water Treatment			Research			
7:00	Modeling and Analysis Approaches for Pipelines Subject to Large Deformations - Alyssa Herperger (w/ww)		Don't be Baffled by CT: Optimizing Disinfection through Design and Tracer Studies - Todd Reynolds (w)			Adapting to Change: PFAS Treatment Residuals Management - Liz Garvey (w)			
7:30	Planning for Resiliency and Expansion of a 75 Year Old Water Supply System - Lee Odell (w)		Safe Operation with Ozone Systems - Tessora Young (w)			Lessons Learned in Full-Scale PFAS Residuals Disposal - Pierre Kwan (w)			
Morning Technical Sessions									
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Hosting Committee	Engineering	Distribution	Water Treatment	Water Resources	D&I	Water Quality			
8:30	Project Communication and Management in Water Infrastructure Projects - Bill Reynolds(w/ww)	Hydraulic Control Valve Basics: Function and Application - Ray Velasquez (w)	Laying the foundation: Treatment Selection and Design of the City of Vancouver's First PFAS Treatment System - Lynn Stephens (w)	Upper Deschutes Basin Groundwater Mitigation Program: Lessons and Future Opportunities - Owen McMurtrey(w)	Engaging Diverse Voices: Shaping Rate Structures with Community Advisory Panels - Tracy Steele (w)	Utility Success in Overcoming Legionella with Treatment and Operations Improvements - Alex Mofidi (w)			
9:00	Navigating Project Communications for Emerging Young Professionals - Mitchell Boyd (w/ww)		An Improved Approach in Using Pilot/Lab Data to Predict PFAS Removal - Adam Redding (w)	Balancing a High Profile Multifaceted Fixed Price Design-Build Project - Nick Smith (w)	Understanding Strategies for Securing Federal and State Funding Opportunities for Water Projects - Seema Chavan (w/ww)	Presence and treatment of potential opportunistic pathogens that can vary across groundwater geology - Natalie Hull (w)			
9:30 - 9:45 Break									
9:45	Crafting a Project Management Plan to effectively coordinate project team - Daniel Shafar (w/ww)	Decoding Combination Control Valves - Ray Velasquez (w)	Under Pressure – Design Considerations for PFAS Pressure Vessel and Media - Andrew Nishihara (w/ww)	Municipal Water Rights and Development, Lower Clackamas River Litigation Case - Rob Annear (w)	King County's Operator-In-Training Program, Creating a Sustainable Workforce - Robert Tovar (w/ww)	Can NOM Removal Accelerate Passivation of Copper Piping? - Damon Roth (w)			
10:15	Building Teams over Teams and Overcoming Other Collaboration Challenges - Mark Graham (w/ww)		Developing an Implementation Plan for PFAS treatment in Tacoma Water's back-up supply - Joanie Stultz (w)		Shared Leadership, Resilient Communities: Lessons from Leadership Tomorrow's Flagship Program to Empower Water Professionals - Mari Orama (w/ww)	Corrective Actions: Identifying, Investigating, and Resolving Field Sampling Nonconformities - Thomas Krause (w)			
10:45 - 11:00 Break									

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Friday, May 9, 2005 Continued								
Morning Technical Sessions								
Room	100 D	100 E	110 A	110 B	110 C	110 D	120 A/B	120 C
Hosting Committee	Engineering	Distribution	Water Treatment	Water Resources	D&I	Water Quality		
11:00	How the Calleguas Municipal Water District used Value Engineering to Mitigate Risk - Rachel Bernhard (w/ww)	Understanding Air Valve and Check Valve Applications - Ray Velasquez (w/ww)	Complexities of PFAS Treatment in Surface Water - A Pilot-Scale Assessment - Charlie Liu (w)	Water Supply Mitigation Strategies in WA, ID, and OR - Tyson Carlson (w)	What I Wish I Knew Earlier: Leveraging Career Reflections to Be a Better Mentor - Henry Ricca (w/ww)	Microbial & Disinfection Byproduct Rules: EPA's Journey to revise: Process, Dreams & Potential Futures Chris McMeen (w)		
11:30	Project Management and Leadership Development Tools for Engineers - Greg Loscher (w)		The next chapter of PFAS: PFAS treatment design and PFAS impacted residuals disposal - Conner Murray (w)		TVWD's DEI Journey, Updates and Lessons Learned - Kylie Bayer (w/ww)			
12:00 - 1:30 Awards Lunch								
Afternoon Technical Sessions								
Room	100 D	100 E	110 A	110 B	110 C	110 D	120 A/B	120 C
Hosting Committee	Engineering	Distribution	Water Treatment					
1:30	Utilizing GIS to make efficient daily operation decisions - Carlito Tolentino (w)	Pipeline Contingency Planning and Selection of Mechanical Repair Fittings - Mike Scholz (w/ww)	More With Less: Veolia's Columbia Water Treatment Plant Expanded Without Expanding - Roger Greaves (w/ww)				Top Ops Competition	
2:00	Integrated Operations: Incorporating hydraulic modeling into daily and seasonal operations and maintenance - LaDonne Harris (w)		Columbia River WTP Capacity and Maintenance Upgrades - Nathan Kutil (w)					
2:30 - 2:45 Break								
2:45	Rebuilding Tacoma Water's Hydraulic Model to Embrace SmartWater - Doug Lane (w)	New 2 MG Tank installation replacing 15,000 gallons of storage - and how this has change the operation of the system todote - Jessica Waller (w)	Excess Recirculation – A Membrane System's Best Friend - Sean Thomson (w)				Gimmicks and Gadgets	
3:15	A Hole in One: A Well Transitions from Golf Course Irrigation to Municipal Production - Zachary Miles (w)	Bainbridge Island 2.0 MG Elevated Storage Tank and PRVs – Reconfiguring the City's Largest Pressure Zone - Justin Ford (w)	Desalination North of the Arctic Circle: Reverse Osmosis System in Remote Alaska - Sanyukta Gokhale (w)					
3:45 - 4:00 Break								
4:00	Parallels Across Hemispheres: How Lessons Learned in Rural Guatemala Apply to Challenges in the US - Alyssa Bailey and Hadley Habeck (w)	Mitigating Risk: Emergency Planning for Potential Petroleum Pipeline Breaks to Protect Public Health in Spokane - Elisheva Walters (w)	Procurement Strategies for Membrane Filtration Systems - Timothy English (w/ww)					
4:30	Water from Nothing? Facility Potable Water Treatment and Management Design without a Predictable Supply - Heather Burns (w)		Remote Location Pilot Testing of Small Scale Cartridge-Filtration - Eric Molten (w)					