

Yellow highlight - Time mis-match
 Red - Abstract listed by more than one committee

Bold - Abstract solicited, not available to other committees

2019 Conference Program Schedule - Sep 10, 2018

Oregon - 1.7 DW CEUs, ?? WW CEUs

Idaho - 1.7 DW CEUs, ?? WW CEUs

WDOH - 1.7 CEUs, WDOE ?? CEUs

Morning	Wednesday Morning Pre-Conference Seminars								
Room	Spruce - 70	Pine - 70	Oak - 110	Hemlock - 100	Cedar - 100	Discovery D - 85 (45 Classroom)	Discovery E - 85		
Hosting Committee			Engineering	Distribution		Training Coordination	Water Treatment Tour		
Seminar			Utilizing Advanced Engineering Tools to Increase Value / Improve Delivery	Efficiency and Water Loss		Back to Basics Excel			
8:30			2 - Covington Water District's Hydro-turbine and Grant Success in Western Washington - Tom Keown (60 min in 30 min slot)	111 - Cherry Picking Pump Stations: Consolidating System Assets for Operational Flexibility - Brian Casey		Excel Skills for Operators			
9:00			112 - A Rock in the River: Navigating Obstacles in the Quest for Energy Efficiency at Hannah Mason Pump Station, Portland Water Bureau - Mike Carr	112 - A Rock in the River: Navigating Obstacles in the Quest for Energy Efficiency at Hannah Mason Pump Station, Portland Water Bureau - Mike Carr					
9:30 - 9:45 Break									
9:45			114 - Larger Facility Needs, Constrained Site, Oh My! - Jenna Anderson	127 - Washington State Water Audit Pilot Results and the Future of Water Loss Tracking - Lucy Andrews		Excel Skills for Operators			
10:15			65 - Knowledge Development and Transfer - Sustainable Documentation - Alena Thurman	128 - Pioneering Water Loss Control - Groundbreaking Statewide Technical Assistance Programs - Reinhard Sturm					
10:45 - 11:00 Break									
11:00			67 - How to Simulate Operation of a 320-MGD Conventional Water Treatment Plant - Qianru Deng	46 - The Non Revenue Water Journey to Capturing More Revenue and Saving Costs - Travis Smith		Excel Skills for Operators			
11:30			43 - The EchoWater Project: Leveraging Technology to Enhance Project Delivery - Leveraging BIM and 4D/5D Tools to Manage Multiple Construction Projects at an Operating Treatment Plant - Christina Brown						
Afternoon	Wednesday Afternoon Pre-Conference Seminars								
Room	Spruce - 70	Pine - 70	Oak - 110	Hemlock - 100	Cedar - 100	Discovery D - 85 (45 Classroom)	Discovery E - 85		
Hosting Committee			Engineering	Distribution		Training Coordination	Water Treatment Tour		
Seminar			Case Studies and Lessons Learned	Planning & Modeling					
1:00			32 - City of Vancouver Water Station 1 Upgrade Project - Site Electrical, Pump Station, Treatment, and Control System Replacement - Michelle Henry	58 - How Taking a Holistic Approach to Master Planning Can Provide Added Value - David Stangel					
1:30				102 - Feeding the Machine: Water Facilities to Keep Up With Development - Dennis Galinato					
2:00 - 2:15 Break									

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2:15			61 - How to Decide, the \$500M Question - David Peters	117 - Drones Need Water Too: Meeting Industrial Water System Demands in Pendleton's Airport Area - Lael Alderman				
2:45			110 - A Tale of Two Tanks: Construction and Assessment of a New and an Existing Steel Reservoirs - Pat Van Duser	63 - Adding Transmission Capacity Without Bigger Pipes - Camas Downtown Supply Operational Improvements - Daniel Reisinger				
3:15 - 3:30 Break								
3:30			38 - Keep It Down Out There! Pump Station Facility Noise Issues and Mitigation Design - Alan Burt	14 - Using GIS and Hydraulic Modeling to Save Time and Add Value - Doug Lane				
4:00			83 - Balancing Safety, Process Performance, and Costs in Design, Construction, and Operations - Kim Ervin	66 - Leveraging AMI Data for Distribution System Modeling - Aurelie Nabonnand				
Morning	Thursday Early Bird Sessions							
Room	Spruce - 70	Pine - 70	Oak - 110	Hemlock - 100	Cedar - 100	Discovery D - 85	Discovery E - 85	No Room Available
Hosting Committee	History - Catherine Howells		Engineering	Distribution		(Set up General Session)		
7:00	5 - History of NW Utilities - TBD		89 - A Tale of Two Tanks: Water Facility Planning and Design in Idaho Falls - Dennis Galinato	93 - Lessons From the Field - Design Improvements for Increased Sanitary Protection - Jolyn Leslie				
7:30			119 - Fire and Water Unite: Providing Water System Improvements and Firefighter Training with a 103-foot-tall Reservoir - Marshall Meyer	1 - Practical Guide to Locating Water Pipes - Brian Moss				
8:00 - 9:30 Opening General Session - Discovery Ballroom								

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Morning	Thursday Morning Technical Sessions										
Room	Spruce - 70	Pine - 70	Oak - 110	Hemlock - 100	Cedar - 100	Discovery D - 85	Discovery E - 85	No Room Available			
Hosting Committee	Young Professionals	Water Resources - Kim Swan	Engineering	Distribution	Conservation - Shelley Searle	(Strike General Session, set tech sessions)					
9:45	9 - Cover Letter and Resumes: How To Stand Out in a Crowded Job Market - Kevin Wyckoff	34 - Source Water Protection Basics 101 - Kimberly Swan	58 - How Taking a Holistic Approach to Master Planning Can Provide Added Value - David Stangel	2 - Covington Water District's Hydro-turbine and Grant Success in Western Washington - Tom Keown	TBD - Portland Residential and Commercial Program Highlights - Penny Milton						
10:15		44 - Developing a Source Water Protection Program in the Rogue River Basin - Craig Harper	73 - Leveraging Industry Experience to Anticipate the Trade-offs of Alternative Water Supplies - Joanie Stultz								
10:45 - 11:00 Break											
11:00	123 - Tapping into a Network: How to Make the Right Connections - Chris Young	42 - The Path to Healthy Headwaters - Kimery Wiltshire	102 - Feeding the Machine: Water Facilities to Keep Up With Development - Dennis Galinato	20 - Corrosion Control Studies in the Pacific Northwest, Part 1 of 2: Use of Spreadsheet Tools to Understand Corrosion Control and Metals Release - Danbi Won	TBD - Love Your Graywater - Reuse and the Value of Water - Julie Smitherman						
11:30	95 - Capitalizing on Generational Strengths: A MurraySmith Case Study -Shelby Asato	75 - How to Communicate to Ratepayers and Build Capacity for Source Water Protection - Cathy Kellon	106 - Seismic Facility Updates and Operational Planning - Mike Britch	28 - Corrosion Control Studies in the Pacific Northwest, Part 2 of 2 Corrosion Control Studies: Putting the Tools to Use - Virpi Salo-Zieman	TBD - Water Reuse and Blue Ribbon Commission - Chris Wanner						
Afternoon	Thursday Afternoon Technical Sessions										
Room	Spruce - 70	Pine - 70	Oak - 110	Hemlock - 100	Cedar - 100	Discovery D - 85	Discovery E - 85	No Room Available			
Hosting Committee	Young Professionals	Public Information - Robin Pederson		Distribution	Conservation - Shelley Searle	Cross Connection Control - Tonya Reiss	Water Resources - Andrew Austreng				
2:30	104 - Women in Leadership – Learning to Lead - Erika Schuyler	101 - What Do Your People Really Know? Summarizing Public Knowledge and Understanding of Drinking Water Issues in Today's Information-Rich World - Sean Thompson		106 - Seismic Facility Updates and Operational Planning - Mike Britch	47 - Making System Improvements Through Tracking and Validating Non-Revenue Water - Jeanne Finger	TBD - State Regulations: Updates, Incidents, Differences - Bill Bernier (WA); Molly Keller & Scott Ruyle (OR); Anna Moody (ID)	100 - Reclaimed Water - New Water Solutions for Washington - Jacqueline Klug				
3:00	70 - Self-Guided Leadership - Blaze Your Own Trail - Michael Lubovich	29 - Retool Your Communications Program Utilizing Public Opinion Research - Marlys Mock (60 minutes in a 30-min slot)		107 - Water Industry Seismic Guidelines and Practice Updates - Mike Britch	73 - Leveraging Industry Experience to Anticipate the Trade-offs of Alternative Water Supplies - Joanie Stultz	TBD - Legislative and Annual Testing - Barry Bernell (ID); Bill Bernier (WA)	76 - Siting, Characterization, and Preliminary Design for Groundwater Recharge and Watershed Augmentation, Kitsap County and Suquamish Tribe, Kingston Facility - Jonathan Turk				
3:30 - 3:45 Break											
3:45	99 - Keep Flowing, Don't Be Stagnant - Motivation Tools for Lifelong Success - Joanie Stultz	133 - Public Outreach is Critical to Executing Strategic Plans - Julie Price		35 - Seismic Resilience of Two Water Lines: Case Studies in Everett, WA - Jeff Blakely	100 - Reclaimed Water - New Water Solutions for Washington - Jacqueline Klug (solicited by Water Resources, not available for Conservation)	TBD - How to Do a Site Survey and Obscure Things to Look For - Scott Hemingway	48 - Domestic and Instream Flow Mitigation Strategies in Mission Creek - Mike Kaputa				
4:15	126 - How Saying Yes Can Derail Success - Lael Alderman	33 - The Power of "We" - Nicki Pozos (60 minutes in 30min slot)		50 - Combining Two Water Systems into One - Matt Huang	TBD - Hassalo Project in PDX Lloyd District - Patrick Craney (move to early bird?)	97 - A Fully Web-Based Cross Connection Control Program: How TVWD Made the Leap - Joel Cary	103 - Evaluation of Municipal Residential Stormwater Reuse with Aquifer Storage and Recovery - Jason Melady				

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Hosting Committee	Water Resources - DeEtta Fosbury (needs to be AM)	Public Information - Robin Pederson	Engineering	Water Treatment	Water Quality	Utility Management - Diane Pottinger	Wastewater Treatment - Eric Schey		
8:30	108 - Managing Alluvial and Confined Aquifers Across the Washington-Oregon State Boundary in the Walla Walla Subbasin - John Warinner	18 - Get Your Kit Together - Bonny Cushman	88 - Is Alternate Project Delivery Appropriate for My Project? - Dick Talley	26 - Comparison of GAC vs PAC for DBP Reduction at Two WTPs with the Same Source Water - Todd Reynolds	94 - Proactive Treatment Solutions for PFAS Drinking Water Contamination – Coupeville/Navy Fort Casey WTP Improvements - Esther Chang	13 - Transitional Leadership in the Electronic Age - Timothy Murrell	134 - How to Optimize Polymer Efficiency for Better Sludge Dewatering - Two Case Studies - Yong Kim	115 - A Comparison of Treatment Technologies to Treat Algae through Pilot Testing of a New Surface Water Source - Lynn Stephens	31 - Lessons Learned in using CIPP for Water Main Rehabilitation - Michelle Henry
9:00	49 - Know No Boundaries: Creative Use of Storage for Trans-boundary Water Management in the Klamath Basin - Ronan Igloria	92 - Disaster Sanitation – What Can Water Utilities Do? - Libby Barg	36 - Part 1 of 2 - Progressive Design Build for a 5 MG Water Tank? TVWD's Unique Approach for Replacing a 5 MG Water Tank - Nicholas Augustus	80 - Treatment Considerations for Surface Water T&O Issues - Kim Ervin	30 - PFOS/PFOA Contamination of Groundwater at the City of Airway Heights - Kevin Anderson	29 - Retool Your Communications Program Utilizing Public Opinion Research - Marlys Mock (60 minutes in a 30-min slot)	77 - Low Cost, Rapid Nitrogen Removal in Wastewater - Kirsten Sims	11 - Treating Cyanotoxins with Activated Carbon - Ben Goecke	85 - 30-inch Water Main Rehabilitation Design Case Study - Daniel Buonadonna
10:00 - 10:15 Break									
9:45	TBD - IWAC: Collaborative Management of a Shared Resource - Daniel Kegley	19 - Using Planned Events to Normalize Utility ICS Activation - Jill Hoyenga	37 - Part 2 of 2 - Progressive Design Build for a 5 MG Water Tank? TVWD's Unique Approach for Replacing a 5 MG Water Tank - Nicholas Augustus	113 - Preliminary Results of Portland's Treatment Pilot Study - Kimberly Gupta	20 - Corrosion Control Studies in the Pacific Northwest, Part 1 of 2: Use of Spreadsheet Tools to Understand Corrosion Control and Metals Release - Danbi Won	60 - EQ or IQ - Hiring the Best! - Zahid Khan (60 minutes in 30 minute slot)	TBD - Upgrading Control Systems - Bud Titus	10 - Using GAC and Ion Exchange Resins to remove PFAS and Similar Compounds from Drinking Water - Ben Goecke (Solicited by Water Treatment, not available to Research) (60 min in 30 min slot)	25 - Advancing Water Pipeline Asset Management Through Artificial Intelligence, Economic Life Modeling, and Condition Assessment - Andrew Lee
10:00	TBD - A Look Beneath the Surface: Developing a Transboundary Groundwater Governance Framework and Agreement for the Memphis Sand Aquifer - Holly Mondo		82 - How to Use Design/Build For Your Next Project - Tom Paul	118 - The Before and After of a Water Treatment Plant Makeover: Identifying WQ Improvements at Lake Oswego-Tigard WTP - Katerina Messologitis	28 - Corrosion Control Studies in the Pacific Northwest, Part 2 of 2 Corrosion Control Studies: Putting the Tools to Use - Virpi Salo-Zieman	92 - Disaster Sanitation - What Can Water Utilities Do? - Libby Barg		39 - Development of Technologies for Effective PFAS Removal and Destruction - Yujung Chang	57 - Returning Water System Confidence With CIPP - Brendan O'Sullivan
10:45 - 11:00 Break									
11:00	122 - Portland's Multi-Faceted Approach to Groundwater Protection - Douglas Wise	7 - Excellence in Communications Awards	124 - CM/GC - Using Qualifications, Experience and Price to Select the Best Contractor - Erika Murphy	61 - How to Decide, the \$500M Question - David Peters	90 - The Role of Contaminants of Emerging Concern in Aquifer Recharge Projects Using Reclaimed Water - John Koreny	126 - How Saying Yes Can Derail Success - Lael Alderman	TBD - Sodium Hypochlorite Feed Systems	105 - Pacific Northwest Case Studies in Biofiltration - Austin Peters	131 - In-Place Pipe Rehabilitation Utilizing Advanced 100% Solid High MIL Epoxy Lining Systems - Jeff Austin
11:30	TBD - Taming the Wild – Understanding Risks and Responses to Water Supplies from Wildfires - Glen Leverich		125 - Alternate Project Delivery: Panel Discussion With Local Contractors - Advantages and Disadvantages of CM/GC, Progressive Design Build, and Design-Bid-Build - Erika Murphy	84 - Portland Water Bureau's Improved Corrosion Control Treatment Project - Michelle Cheek	78 - Operating Data and Lessons Learned from Sunny Slope Water Company's Microvi Nitrate Removal System - Kirsten Sims	TBD - Leadership and Management as One of the Top 10 Managers in the US for 2018 - Bob Patterson		TBD - Biofiltration - Lynn Stephens	130 - Ice Pigging: Advanced Pipe Cleaning Technology - Jeff Austin

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Afternoon	Friday Afternoon Technical Sessions									
Room	Spruce - 70	Pine - 70	Oak - 110	Hemlock - 100	Cedar - 100	Discovery D - 85	Discovery E - 85	No Room Available		
Hosting Committee	Water Quality	Cross Connection Control - Tonya Reiss	Engineering	Water Treatment	SAC Competitions	Utility Management - Diane Pottinger	Wastewater Treatment - Eric Schey	Distribution		
1:30	51 - A Bacteria That Acts Like a Plant? Demystifying Cyanobacteria and Their Toxins - Bryan Black	136 - Nightmare on Worthen Street and Other Backflow Incidents - Jessica Shaw	54 - Source Water Challenges and the Need for Cooperative Water Resource Policy on Guam - Michelle Sorensen	12 - Managing Cyanotoxins in Oregon - Kari Salis	Gimmicks & Gadgets	25 - Advancing Water Pipeline Asset Management Through Artificial Intelligence, Economic Life Modeling, and Condition Assessment - Andrew Lee	TBD - Headworks: Screening - Butch Perry	79 - Storage Facility Inspection and Maintenance – Tools and Tips - Alex Chen		
2:00	109 - Blue Green Algae Control from Source to Tap - Lee Odell		96 - Cocktail Napkin or Four-Inch Binder? Rightsizing Your Project Management Plan - Mark Graham	109 - Blue Green Algae Control from Source to Tap - Lee Odell		47 - Making System Improvements Through Tracking and Validating Non-Revenue Water - Jeanne Finger		110 - A Tale of Two Tanks: Construction and Assessment of a New and an Existing Steel Reservoirs - Pat Van Duser		
2:30 - 2:45 Break										
2:45	11 - Treating Cyanotoxins with Activated Carbon - Ben Goecke	TBD - Small Public Water System Cross Connection Control Program Development - Mary Howell, Terry Pickel	52 - Smart Utility as a Technology Platform: From Design to Utility Management - Kevin Stively	120 - Combating Algae - Startup of the Bellingham Dissolved Air Flotation Facility - Joshua Kennedy	Top Ops	114 - Larger Facility Needs, Constrained Site, Oh My! - Jenna Anderson	TBD - Headworks: Grit Removal - Butch Perry	98 - Existing Steel Reservoirs – Retrofit or Build New? - Myron Basden		
3:15	12 - Managing Cyanotoxins in Oregon - Kari Salis		62 - Building a Framework to Optimize CIP Delivery for Honolulu Board of Water Supply - Chris Cleveland	51 - A Bacteria That Acts Like a Plant? Demystifying Cyanobacteria and Their Toxins - Bryan Black		131 - In-Place Pipe Rehabilitation Utilizing Advanced 100% Solid High MIL Epoxy Lining Systems - Jeff Austin		132 - Concrete Tank Rehabilitation: Why Coat Concrete Structures in Water and Wastewater Systems - Jeff Austin		
3:45 - 4:00 Break										
4:00	115 - A Comparison of Treatment Technologies to Treat Algae through Pilot Testing of a New Surface Water Source - Lynn Stephens	TBD - Test Fraud: How to Find Bad Testers and What Should/Can Be Done About Them	87 - Introduction, Development and Use of InfoMaster AM Prioritization Tool - Eugene Durshpek (marked for Eng, Tyler Clary says he didn't have a committee in mind when he solicited, was also sent to UMC)	10 - Using GAC and Ion Exchange Resins to remove PFAS and Similar Compounds from Drinking Water - Ben Goecke (60 min in 30min slot)	Subsection Advisory Council Meeting	TBD - Implementation and Development of the City of Vancouver's AM Program - Elaine Huber	Considerations in Monitoring and Pre-Treating Brewery Waste - Ryan Salem	16 - Navigating AMI - Central Point's Path to Selection - Micheal McClenathan		
4:30	120 - Combating Algae - Startup of the Bellingham Dissolved Air Flotation Facility - Joshua Kennedy		15 - Owner Implementation of New Technology - John Bowen	30 - PFOS/PFOA Contamination of Groundwater at the City of Airway Heights - Kevin Anderson		87 - Introduction, Development and Use of InfoMaster AM Prioritization Tool - Eugene Durshpek (marked for Eng, Tyler Clary says he didn't have a committee in mind when he solicited, was also sent to UMC)		121 - Advanced Metering Infrastructure in Tacoma - Matt Hubbard		