

PNWS-AWWA 2021 Virtual Conference
(0.3 CEUs per session, or 0.6 CEUs per day)

Morning	Feb 25 - Resilience Strategies	May 20 - Regulatory Rodeo	Aug 12 - Bull Run Projects / Willamette Water Supply Projects	Oct 28 - Asset & Data Management
8:30	America's Water Infrastructure Act (AWIA) Risk Assessment and Emergency Response Plan Tools - Charlene Kormondy	RTCR Assessments: What Have We Learned? - Charese Gainor	Bull Run Project Overview - Yone Akagi	Using Data Analytics to Make Informed Water Infrastructure Maintenance Decisions - Mike Uthe
9:00	Success Stories From Implementing Common Low/No Cost Energy Saving Projects - Wendy Waudby	Protective Coating Performance Matters: Implications of NSF Std. 61 Changes - Michelle Call	Bull Run Projects: Communications Strategies for Customers and Water Filtration Facility Neighbors - Bonita Oswald	Asset Management System Development for a New Water Supply System - Kari Duncan
<i>9:30 - 9:45 Break</i>				
9:45	On-Site Sodium Hypochlorite Generation: A Safe and Reliable Disinfection Alternative to Bulk Sodium Hypochlorite and Gas Chlorine - Ethan Brooke	How State Regulations Affect Purveyor Cross Connection Control Programs - Terry Pickel	Bull Run Pilot Findings - Mac Gifford	Renewing Old Mains with Potable Distribution Water Main High-Pressure Jetting Method/Process - Chris Wilkinson
10:15	Rancheria Springs UV: From Spring Development to UV Treatment in 8 Months - Pat Van Duser	Responding to a System Contamination - Loren Searl		What's in a Name? Updating Bellevue's Obsolete Pressure Zones - Doug Lane
<i>10:45 - 11:00 Break</i>				
11:00	Water Supply Self-Sufficiency and Resilience: Groundwater Development Program for Rockwood PUD and the City of Gresham - Justin Ford	TrueWater: Operational Forecasts of Changes in Water Quality Using Big Data and Machine Learning - James Watson	Bull Run Filtration Project: Preliminary Design Update - Lyda Hakes	Implementing HDPE for TVWD Engineers & Operators - Sarah Alton
11:30		Medford Water Commission's Integrated Approach to Data Management for Monitoring Water Quality and Informed Operations - Arlo Todd	Preparing Portland's Distribution System for Filtration - Christina Suto	Mechanical Fittings and Repairs on High Density Polyethylene Pipe (HDPE) - Mike Scholz
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Afternoon	Feb 25 - Resilience Strategies	May 20 - Regulatory Rodeo	Aug 12 - Bull Run Projects / Willamette Water Supply Projects	Oct 28 - Asset & Data Management
1:00	How a Small Utility Integrated the 2004 Vulnerability Assessment into the 2018 AWIA Requirements - Jill Hoyenga	Best Available Technologies for Treating PFAS in Drinking Water - Mike Tallering	Lessons from Mega-Projects for Your Midi-, Mini- and Micro-Projects - Mark Graham	Building a Data Strategy for Your Utility - Marshall Thompson
1:30	Adaptive Management Strategies for Integrated Water Resource Management in an Uncertain Future Climate - Kensey Daly	Removing PFAS: Startup and Performance of the Coupeville GAC Treatment System - Esther Chang	Six Years In: Developing the Willamette Water Supply System - Joelle Bennett	Securing Regulatory Compliance: Managing and Exploiting Data Effectively to Make Informed Decisions - David Lynch
<i>2:00 - 2:15 Break</i>				
2:15	Joint Water Commission's Expansion to 85MGD WTP Project - Brad Phelps	Deep Bubble Aeration: An Easy to Operate Alternative for Corrosion Control - Lee Odell	Lessons Learned from the 2011 Tohoku Earthquake, Applied to the Willamette Water Supply System - Mike Britch	Digital Water: Preparing Your Organization With the Future State in Mind - Kelly Kimball
2:45	Shaking Things Up: Innovative Seismic Resilience Planning in the City of Bellevue - Doug Lane	Corrosion Control Treatment & Required Monitoring - Kay Rottell		Navigating the Challenges of Defining Portland Water Bureau's Future SCADA System - Caitlin Bliesner
<i>3:15 - 3:30 Break</i>				
3:30	We're Running Out of Space! Where to Site Your New Backbone Facilities - Adam Blair	LCRR Implementation: Evaluating How Utilities Will Need to Adapt to New LCRR Requirements - Damon Roth	Evaluation of Risk Factors for Integrating a New Supply - Stephen Booth	Machine Learning to Optimize Water Treatment Plant Operations - Enoch Nicholson
4:00	Adapting Water Storage to the 21st Century - Patrick Craney	Lead & Copper Rule: Routine Monitoring and Site Selection - Matthew Hadorn		Bend's Plan for the Future - David Stangel
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