American Water Works Association

Water Quality Technology Conference

Hazen

Dallas, TX
Nov. 5 - 9, 2023

Technical Sessions

Day	Time	Session	Contact
Sunday Nov. 5	1 PM	Overview of Source Management and Monitoring Programs Designed to Recognize the Potential for Cyanotoxins in Source Water	 **Alex Gerling**
	1:30 PM	Overview on the Latest Cyanotoxin Detection/ Identification Methods and How Those Support the Creation of a Monitoring Program	 **Liz Crafton**
	2 PM	Hands-on Demonstration of Elisa and Data Interpretation for Use in Monitoring Programs	 **Alex Gerling**
	3:30 PM	Cyanobacteria and Cyanotoxins Treatment Options from Source to Tap	 **Ben Stanford**
Monday Nov. 6	1:45 PM	Mind the Manganese: A Proactive Approach from Source to Tap	 **Seulki Yeo**
Tuesday Nov. 7	8:15 AM	Evaluating Regulatory Scenarios to Limit U.S. Nationwide Exposure to Cytotoxic HAAs	 **Billy Raseman**
	8:45 AM	Co-Benefits of Lower Disinfection Byproduct Exposure When Using GAC to Meet the Proposed PFAS MCLs	 **Eric Peterson**
	8:45 AM	Lead Sampling Plan Development for Schools and Childcare Facilities Under the LCRR	 **Baljit Sidhu**
	9:15 AM	Impacts of Conventional and Advanced Treatment on HAA9 Formation and Overall DBP Toxicity	 **Yewei Sun**
	9:45 AM	Data-Driven Monitoring and Management of Alternative Water Supplies: From Potable Reuse to Quarry Lakes	 **Billy Raseman**
	9:45 AM	Integrated Algorithm Development to Model Water Reuse Treatment Trains	 **Eric Peterson**
	1:30 PM	Intro to Data Analytics & Data-Driven Modeling	 **Yoko Koyama**
	1:30 PM	Navigating the Storm: How Data Visualization and Artificial Intelligence Can Help Water Utilities Tackle PFAS Regulatory Challenge	 **Seulki Yeo**
	2:00 PM	Using ML to sewer pipe prioritize inspection, An Asset Management Application	 **Javad Roostaei**
	2:00 PM	Machine Learning Based Breakthrough Estimation Tool for PFAS Removal by GAC	 **Yoko Koyama**
	2:30 PM	Finding the Right Blend – Corrosion Inhibitor Optimization to Address Elevated CSMR Concerns	 **Roger Arnold**
Wednesday Nov. 8	10:30 AM	Unlocking the Potential for Potable Reuse with CBAT Treatment	 **Scott Alpert**
	2:30 PM	Tracer Testing for Indirect Potable Reuse Projects	 **Nicole Blute**
	4:30 PM	Feasibility of PFAS Adsorption From Tertiary Treated Wastewater; A Bench and Pilot Study	 **Conner Murray**