NC ONE WATER ANNUAL CONFERENCE

DRIVING FORWARD

DECEMBER 4-7, 2022 - CHARLOTTE CONVENTION CENTER - CHARLOTTE, NC

			Hazen Contact
Monday, December 5, 2022			
Collection and Distribution	10:05 AM - 10:35 AM	Explaining H2S Production in the Collection System Using Advanced Data Analytics and Machine Learning, Case Study the City of Dayton, OH	Javad Roostaei
Water	10:40 AM - 11:10 AM	Alternatives and Optimization Strategies for Sedimentation Basin Sludge Collection	Henry Ricca
Water	11:15 AM - 11:45 AM	Case Studies on Using Digital Solutions to Optimize the Operation and Maintenance in Water Treatment and Distribution	Javad Roostaei
Students and YPs	12:50 PM - 1:20 PM	Controlling Chaos: How CLTWater is Implementing New Organizational Strategies at the Irwin Creek WWTP	Lucas Bennett
Special Topics	1:25 PM - 1:55 PM	Not Sure if You Have Lead Pipes? Using a Data-Driven Approach to Identify Service Lines	Crystal Broadbent, Roger Arnold
Collection and Distribution	2:00 PM - 2:30 PM	City of Raleigh's First Vortex Drop Structure: An Efficient Solution for High-Capacity Vertical Conveyance	Kim Hanson, Wojciech Klecan
Wastewater	2:35 PM - 3:05 PM	A Not So Rude Introduction - Simplifying Startup of a New MBR Facility to Limit Impacts on Operations and Maintenance Staff	Jared Hartwig
Tuesday, December 6, 2022			
Wastewater	10:10 AM - 10:40 AM	How Digital Solutions Can Optimize Wastewater Treatment	Katya Bilyk
Policy & Management	10:45 AM - 11:15 AM	Empowering a Connected, Engaged Workforce through Digital Transformation	Ben Stanford, Katya Bilyk
Collection and Distribution	11:20 AM - 11:50 AM	North Carolina's Largest City Prepares for the Future by Assessing Aging Infrastructure and Hydraulic Modeling	Meg Roberts
Special Topics	11:50 AM - 12:20 PM	Greenhouse Gas Accounting: Another Tool in the Toolbox for Identifying Holistic Optimization Opportunities	Lamya King
Wastewater	12:30 PM - 1:00 PM	Airing on the Side of Caution - A Story of Future Planning at North Cary Water Reclamation Facility	David Wankmuller
Policy & Management	1:45 PM - 2:15 PM	Realizing the Benefits of Regionalization: How five fast growing NC Communities collaborated to meet regional water demand	Tim Devine
Wastewater	2:20 PM - 2:55 PM	Challenges with high wet weather flow and ultra low nutrient limits	Eric Polli
Policy & Management	3:30 PM - 4:00 PM	Building an Effective Project & Program Management Solution to Optimize CIP Delivery	Shelbie Dashiell, Malia Dunn-Reier
Wednesday, December 7, 2022			
Forum	9:00 AM - 11:00 AM	Predicting Removal of Per- and Polyfluoroalkyl Substances by Granular Activated Carbon from Water with Machine Learning	Yoko Koyama, Alex Gorzalski

Hazen
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