



Innovation
is just a *buzzword*.



Until it has proven impact.

Talk is easy. Impact is earned. At Carollo, we approach innovation as something to be built, tested, and proven in the field, not just imagined. From breakthroughs like XBAT, Blue Plan-It®, and I-FLOAT® to integrated AI/ML solutions, we focus ingenuity where it matters most: solving water challenges for our clients and communities. The result is progress you can measure in real terms—protecting public health, strengthening ecosystems, and delivering resilience that lasts. **That's Carollo Innovation.**



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SUNDAY, JUNE 21

- 8:30 am **Biofilter Microbial Tools and Community Analysis** / *Speaker: Melina Bautista*
- 9:00 am **Calibration of Water Distribution System Models** /
Speakers: Matthew Huang and Eric McLeskey
- 9:00 am **Practical ML/AI Applications for Water Planning, Management, and Optimization** / *Speakers: Yoko Koyama and Craig Jariz*
- 1:00 pm **To Infinity and Beyond! (The Specbook): Learn to Design, Construct and Operate Water System Equipment using AWWA Standards & Manuals** /
Speakers: John Civardi and Rosemary Smud
- 1:00 pm **Successful Infrastructure Communications through Asset Management** /
Speaker: Felicia James

MONDAY, JUNE 22

- 1:45 pm **The Work Before the Work: Essential Preliminary Efforts in Mega Water Treatment Plant Projects** / *Speaker: Chris Cleveland*
- 1:45 pm **Bridging the Divide Between Data Centers and Communities** /
Speaker: Taylor Nelson
- 1:45 pm **The Water-Energy Nexus in Practice – Development of an Energy Master Plan for Water Supply Operations** / *Speaker: Coral Taylor*
- 2:45 pm **Pilot Testing Different Biological Filter Media Configurations to Optimize Filter Production and Meet Water Quality Goals** / *Speaker: Greg Pope*
- 2:45 pm **The Use of AMI Data for Hydraulic Modeling – Panel Discussion** /
Speaker: Matthew Huang
- 3:30 pm **From Concept to Community: How Women in Water is Transforming the Southeast Texas Water Workforce** / *Speaker: Xi Zhao*
- 4:30 pm **Integrated Planning at Loudoun Water: Growth, Climate, and Data Center Uncertainty** / *Speakers: Jessica Fritsche and Darrin Geldert (Loudoun Water)*
- 4:30 pm **Beyond Hydraulics: An Integrated Modeling Framework for Predicting Distribution System Water Quality** / *Speaker: Julia Semmens*

TUESDAY, JUNE 23

- 9:00 am **Four Years of Proof: How PureSoJo is Shaping Utah's Path to Full-Scale DPR** /
Speaker: Stetson Bassett
- 9:30 am **Digital Twin: Blue Plan-It® Model for NEWPP Expansion** /
Speakers: Chenjun Li and Charlie He
- 9:30 am **Achieving PFAS Compliance with Regenerable IX: City of Tampa's PFAS Pilot** / *Speaker: Melanie Pickett*
- 10:15 am **DC Water Evaluates Potable Reuse as Supply Resilience Strategy** /
Speaker: Eva Steinle-Darling
- 10:45 am **AQUAgen: Empowering the Next Generation of Water Heroes** /
Speaker: Katrina Cancio
- 1:15 pm **Building a Climate-Resilient Capital Plan: One Water Honolulu's Climate Change Adaptation Framework** / *Speaker: Sunshine Saucedo*
- 1:15 pm **Modernizing a 20-Year-Old Membrane Filtration Plant – Mountain Regional's State-of-the-Art Expansion Project** / *Speakers: Daniel Hugaboom and Jessica DiCaprio (Mountain Regional Water Special Service District)*
- 3:00 pm **When Water Availability Pushes Us to More Challenging Sources: Piloting Pretreatment Alternatives Upstream of Reverse Osmosis** /
Speakers: Bradley Buswell and Josh Hogge (Weber Basin Water Conservancy District)
- 4:00 pm **Making Use of Models and Tools – Creating an Integrated Plan and Platform for Tarrant Regional Water District** /
Speakers: Jessica Fritsche and Amy Kaarlela (TRWD)

WEDNESDAY, JUNE 24

- 9:30 am **A Catalyst for Consistency: Setting a Standard for Manganese Oxide Filter Media** / *Speakers: John Civardi and Jonathan Reuther (American Water Company)*
- 10:15 am **Next-Generation Filter Control at a Large Water Treatment Plant: From Manual Backwash to High Performance Automation** /
Speakers: Catherine Shipman, Quinton Borseth and Jesse Hunter (Nashville Metro Water Services)
- 10:15 am **State-Level Water Supply Planning with Local Insights** /
Speakers: Amber Wooten and John Rehring
- 11:15 am **Expand Without Expanding: Increasing Filtration Capacity and Improving Filtration Within Existing Footprint** / *Speakers: Bradley Buswell and David McLean (Jordan Valley Water Conservancy District)*
- 11:15 am **Does How We Model Fire Flows Make a Difference Anyway?** /
Speaker: Matthew Huang
- 11:15 am **Securing Every Drop: Building Water Supply Resilience** / *Speaker: Eric McLeskey*
- 1:45 pm **When Small Details Make Big Waves: Lessons Learned from NEWPP Expansion Operation** / *Speakers: Chenjun Li and Sarah Berkey*
- 2:15 pm **Bridging Centuries: Revitalizing Nashville's Landmark Omohundro Water Treatment Plant with GAC Technology for the Next Century** /
Speaker: Ryan Anderson
- 2:15 pm **Bug Out – Pathogen Sampling and Analysis Considerations for Log Reduction Values for Direct Potable Reuse** / *Speaker: Jason Assouline*