

Implementing Reuse: Opportunities, Challenges, and Innovation

2025 WateReuse Colorado Conference

MAY 5, 2025
COLORADO STATE UNIVERSITY
SPUR CAMPUS, DENVER, CO



8:00 am - 8:30 am	Hydro Lobby	Registration and Breakfast
8:30 am - 9:30 am	Confluence Theater	Opening General Session
		Moderator: WRCO Conference Planning Committee Member
		<i>WRCO President Opening Remarks - Erik Jorgensen, Parker Water & Sanitation District</i>
		<i>State of the Union Address - Brian Biesemeyer, Interim Executive Director of the WateReuse Association</i>
		<i>Keynote Address - Professor Sybil Sharvelle, Colorado State University</i>
		<i>EPA Reuse Updates - Ashley Harper, Environmental Protection Agency</i>
9:30 am - 9:45 am	Hydro Lobby	Coffee Break
9:45 am - 10:45 am	Confluence Theater	Plenary Panel
		Moderator: Chelsea Cotton, Colorado Department of Public Health and Environment
		<i>Brian Good, Denver Water</i>
		<i>Jenny Bishop, Colorado Springs Utilities</i>
		<i>James Rosenblum, Colorado School of Mines</i>
		<i>Liam Cavanaugh, Metro Water Recovery</i>
10:45 am - 11:15 am	Confluence Theater	Scholarship Presentations
		<i>Scholarship Awardee 1 - To Be Confirmed</i>
		<i>Scholarship Awardee 2 - To Be Confirmed</i>
		<i>Scholarship Awardee 3 - To Be Confirmed</i>
11:15 am - 12:15 pm	2nd Floor Classrooms	Lunch Break
12:15 pm - 12:45 pm	2nd Floor	Poster Session
12:45 pm - 2:15 pm	2nd Floor Classrooms	Technical Session 1 (See Reverse for Details)
2:15 pm - 2:30 pm	2nd Floor	Afternoon Break
2:30 pm - 4:00 pm	2nd Floor Classrooms	Technical Session 2 (See Reverse for Details)
4:00 pm - 6:30 pm	Hydro Lobby	Happy Hour and Reception

Technical Program						
		Willow Creek	Cottonwood Creek	Spring Creek	Bear Creek	Confluence Theater
		Colorado Case Studies <i>Moderator: Erik Jorgensen, Parker WSD</i>	Reuse for Small Communities <i>Moderator: Meagan Lundgren, CDM Smith</i>	Planning and Implementation <i>Moderator: Shannon Spurlock, Pacific Institute</i>	Contaminants of Concern <i>Moderator: Yuliana Porras-Mendoza, Jacobs</i>	Operations <i>Moderator: Raegan Swartz, Burns & McDonnell</i>
Technical Session 1	12:45 pm - 1:15 pm	Castle Rock Water: Shaping the Future of Potable Reuse <i>Haley Morton, Burns & McDonnell</i>	The Challenge of Too Small: Understanding and Overcoming the Challenges of Small <i>Andrew Salvesson, Carollo</i>	Identifying Successful Strategies for Implementing Potable Water Reuse Projects <i>Prakriti Sardana, CU Boulder</i>	Not Leaving It Up to Fate: Desktop Models for Chemical Fate and Transport in Industrial Reuse <i>Carl Lundin, CDM Smith</i>	Panel: Operating Potable Reuse - Training and Experience <i>Troy Walker, Hazen and Sawyer</i>
	1:15 pm - 1:45 pm	The Future We Made: Aurora's Journey Towards DPR <i>Kevin Linder, Aurora Water Jason Assouline, Carollo</i>	Evaluating DPR for Small Communities: What Can Others Learn from the Village of Cloudcroft <i>Jill Tedder, CDM Smith</i>	Developing a Nimble Treatability Investigation Program from the Ground Up <i>Erin Mackey, Brown and Caldwell</i>	DPR Water Toxicity Compared to Local Drinking Water <i>Elliese Wright, Colorado School of Mines</i>	
	1:45 pm - 2:15 pm	Sampling and More Sampling to Evaluate DPR <i>Todd Brewer, Aurora Water Tyler Nading, Jacobs</i>	From Demonstration to Full-Scale Reality: Las Virgenes-Triunfo Pure Water AWWP <i>Adam Zacheis, Brown and Caldwell</i>	Considerations for Direct Potable Reuse in Water Resource Recovery Master Plan <i>Sara Arabi, Stantec</i>	Predicting Pharmaceutical Influent Loads from Community Demographics <i>Vanessa Maybruck, CU Boulder</i>	Relationship Building for Effective Source Control in Water Reuse <i>Natalia Hoogesteijn, Hazen and Sawyer</i>
	2:15 pm - 2:30 pm	Afternoon Break				
		Wastewater Case Studies <i>Moderator: Allison Fry, Jacobs</i>	RO in Reuse <i>Moderator: Anya Kaufman, Trussell</i>	Out of State Case Studies <i>Moderator: Raegan Swartz, Burns & McDonnell</i>	PFAS <i>Moderator: Ann Malinaro, City of Aurora</i>	Outreach and Funding <i>Moderator: Shannon Spurlock, Pacific Institute</i>
Technical Session 2	2:30 pm - 3:00 pm	Discharge Avoidance: Emerging Driver for Potable Reuse in Colorado <i>John Rehring, Carollo</i>	Concentrating on Brine Management <i>Meagan Lundgren, CDM Smith</i>	Comparing Arizona's AWP Framework Roadmap to Colorado's <i>Topher Jones, Brown and Caldwell</i>	A Streamlined Approach for Adsorptive Media Bench Testing <i>Sydney Vinge, Brown and Caldwell</i>	Leveraging various sources of funding for your DPR/IPR project + How to Strategically Maximize the Use of Federal Funding <i>Tonya White, Garver Paniz Miesen, CDM Smith</i>
	3:00 pm - 3:30 pm	Unified Treatment Strategies for Low Nutrient Limits and Potable Reuse <i>Eric Peterson, Hazen and Sawyer</i>	Save the Outfall, Save the Avocados: MFRO for Agriculture <i>Jocelyn Morinishi, Brown and Caldwell</i>	WaterReuse Texas Presents: The Changing Landscape of Reuse in Texas <i>Noelle George, WaterReuse Texas</i>	Feasibility of PFAS adsorption from wastewater; a California pilot study <i>Gaya Ram Mohan, Hazen and Sawyer</i>	
	3:30 pm - 4:00 pm	Reclaimed Water Disinfection - Challenges and Solutions at Brightwater <i>Erica Wirski, Kennedy Jenks</i>	How Out-of-State DPR Projects Can Inform Future DPR Projects in Colorado <i>Powell Hinson, Carollo</i>	Challenges of Balancing Conservation and Water Reuse <i>Meredith Clement, Kennedy Jenks</i>	The Art of PFAS Destruction in Reuse: Not a One-Size-Fits-All Approach <i>Susheera Pochiraju, Hazen and Sawyer</i>	Would You Drink It? <i>Tim Rynders, CDM Smith</i>