

PROGRAM SCHEDULE

● GREEN TEXT = FRESH IDEAS CONTESTANTS

TUESDAY, APRIL 28

Subject to change, refer to conference website or mobile app for most current details.

	6:30am-4:00pm	Registration (Ballroom Lobby)				
	7:30am-9:00am	Breakfast, Welcome Remarks and Keynote (Ballroom)				
	9:00am-5:00pm	Technical Sessions				
	10:30am-6:00pm	Manufacturer's Exhibition				
TECHNICAL SESSIONS	Track	TRACK 1 WATER DISTRIBUTION	TRACK 2 WASTEWATER COLLECTIONS	TRACK 3 WATER RESOURCES	TRACK 4 REUSE	TRACK 5 WORKFORCE DEVELOPMENT
	Room	160-161	162-163	164-165	166-167	158-159
	Moderator	Curt Courter	Lisa Freestone	Kimi Artita	Clayton Freed	Zac Sharp
	9:00am	<i>Under Pressure: Repairing Mesa's 36-inch Reclaimed Water Main with Rapid Collaboration</i> Jake Nelson, Dibble	<i>Maximizing Capacity and Resilience: Rehabilitating a 66-inch Sewer in a Thriving Business District</i> Ezra Page, Dibble	<i>The City of Phoenix – Leadership in the Circular Water Economy</i> Cindy Smith, Phoenix Water Services Doug Kobrick, Hazen	<i>Advanced Water Purification Mobile Demonstration, Training, and Outreach</i> Andy Mally, Black & Veatch	<i>Empowering the Water Workforce for the AI Era: Literacy, Ethics, and Practical Integration</i> Frederick Tack, Consor
	9:30am	<i>Proactive Condition Assessment of a 48-Inch Lined Cylinder Pipe Using Remote Field Testing</i> Kevin Weeks, PICA Corp.	<i>Smarter Chemistry for a Cleaner City: Lessons from Peoria's Odor and Corrosion Control Pilot</i> Michael Engram, Source Technologies	<i>One Water Planning to Progress: Three Years of Action and 3 Lessons Learned from Tucson One Water 2100</i> Natalie DeRoock, Tucson Water	<i>Building the Team: Key Staffing Strategies for an AWP</i> Sreepriya Sankaran, GHD Mark Donovan, GHD	<i>Combating Brain Drain: Revisioning SOPs at Tucson Water</i> Lauryn Bianco, Tucson Water
	10:00am	<i>From Bottleneck to Breakthrough: Enhancing Water Capacity with a Parallel Transmission Pipeline</i> Gordon Thelin, Carollo	<i>Step by Step Evaluation for an Aged Trunk Sewer & Lift Station Improvements – A Case Study</i> Satish Kamaraju, Black & Veatch	<i>How Arizona used 45 Million Acre-Feet of Water: Visualizing CAP Deliveries 1985-2024 by Use Category</i> Grant Heminger, ASU Kyl Center for Water Policy	<i>Pure Water Tucson AWP: Advancing Resilience Through Demonstration and Community Engagement</i> Katie Vanyo, Jacobs	<i>From Campus to Consulting: Bringing Wastewater Industry Practice into the Classroom</i> Byron Hempel, University of Arizona
	10:30am-11:30am	Manufacturer's Exhibition Grand Opening (Exhibition Hall)				
	11:30am-1:00pm	Lunch (Exhibition Hall Concession Stands or Networking on Your Own Seating Available in the Ballroom)				
TECHNICAL SESSIONS	Track	TRACK 1 WATER TREATMENT	TRACK 2 WASTEWATER TREATMENT	TRACK 3 PANEL DISCUSSION	TRACK 4 REUSE	TRACK 5 SAFETY
	Room	160-161	162-163	164-165	166-167	158-159
	Moderator	Deran Pursoo	Doug Kobrick		Clayton Freed	Zac Sharp
	1:00pm	<i>Doing More with Less: How a WTP Increased Its Capacity Without Adding New Treatment</i> Molly Cahill, Carollo	<i>Circular Economy for Human Urine to Recover Critical Minerals & Reduce Water-Use in Phoenix Schools</i> Sarishma Bhandari, Arizona State University	<i>Securing Arizona's Water Future</i> Facilitator: Wally Wilson, Metro Water	<i>Scottsdale Water Campus: from Groundwater Recharge to Advanced Water Purification</i> Corin Marron, Carollo	<i>Field work without fences: Making field work at Sky Harbor Accessible for All</i> Jordan Rodriguez, Stantec
	1:30pm	<i>Reducing Water Loss Through Successful Implementation of High-Rate Recovery Desalination Systems</i> Mark Beebe, HDR	<i>A Case Study: AJSD Upgrade from Aerated Lagoons to State-of-the-art Membrane Bioreactor</i> Darron Anglin, Apache Junction Sewer District	Panelists: Patrick Adams, Arizona Governor's Office of Resiliency Crystal Tulley-Cordova, Navajo Nation Department of Water Resources	<i>Navigating Potable Reuse in Arizona: Treatment Train Strategies Under the 2025 ADEQ Final Rule</i> Fariya Sharif, HDR	<i>Confined Space Safety: Practical Applications for Standby & Non-Entry Rescue</i> Jon Cordoba, P3 Safety Solutions
	2:00pm	<i>Deer Valley WTP Solids Handling Conveyor Rehabilitation: Design Through Startup</i> Alexander Gatti, Wilson	<i>PFAS Treatment Solutions with a One Water Perspective</i> Conner Murray, Hazen	Chelsea McGuire, Water Infrastructure Finance Authority of Arizona	<i>Practical AWP Regulation Considerations</i> Topher Jones, Brown & Caldwell	<i>How the City of Surprise is Avoiding Surprises in Their Electrical System</i> Marissa Petty, Carollo
	2:30pm-3:00pm	Networking Break (Exhibition Hall)				
TECHNICAL SESSIONS	Track	TRACK 1 WATER TREATMENT	TRACK 2 WASTEWATER TREATMENT	TRACK 3 STORMWATER	TRACK 4 CONSTRUCTION	TRACK 5 ASSET MANAGEMENT
	Room	160-161	162-163	164-165	166-167	158-159
	Moderator	Deran Pursoo	Doug Kobrick	Kimi Artita	Don Trujillo	Tyler Mach
	3:00pm	<i>Anaheim GWTP: Nation's Largest PFAS Treatment Program</i> Leonel Almanzar, CDM Smith Divya Agrawala, Anaheim Public Utilities	<i>Sidestream Nitrogen Removal: Key Design Considerations</i> Linda Sawyer, Brown & Caldwell	<i>Data, Dashboards, and Design-Oh My! A Roadmap for GSI in the Verde Valley</i> Benjamin Serpa, Yavapai County Rebecca Sydnor, Hazen	<i>Dual HDD Under the Agua Fria River – Design and Construction in a Difficult Environment</i> John Malone, Brown & Caldwell	<i>Monitoring in Action: Phoenix Advances Sewer System Reliability and Operational Efficiency</i> Rojelio Estrella, Phoenix Water Services
	3:30pm	<i>Strategic Framework for PFAS and Multi-Contaminant Treatment in Small Well Systems</i> Christian Kassar, Black & Veatch	<i>Hybrid MABR Technology for Nitrogen Removal in a Low Suspended Growth SRT</i> Mike Falk, HDR	<i>Advancing Stormwater Quality in Urban Systems: Phoenix's Integrated Approach</i> Luis Weisel, Phoenix Water Services Christine Nunez, Phoenix Water Services	<i>Stretch CIP Funds & Minimize O&M Costs with Energy Saving Performance Contracting Project Delivery</i> Jeff Prevatt, Pima County	<i>Smart Prioritization: Leveraging Criticality Scoring for Sustainable Sewer System Investments</i> Ryan Circello, Burgess & Niple
	04:00pm	<i>How Unforeseen PFAS Residuals Issues Are Impacting Future Operations</i> Pierre Kwan, HDR	<i>Evaluating Full-Scale Impacts of Densified Activated Sludge on Disinfection Efficacy</i> Brian Hilts, CDM Smith	<i>Agile and Efficient Field Reconnaissance and Data Collection for Flood Studies in Maricopa County</i> Ryan Halligan, Black & Veatch	<i>Big Pipe, Big Problems: Managing Arizona's Most Successful Large-Diameter Pipeline Rehabilitations</i> Cody Nunez, Achen-Gardner Casey Peery, Achen-Gardner	<i>When the Past Becomes the Future: Rehabilitation Strategies for Non-Redundant Assets</i> Athi Pradhan, Black & Veatch
	04:30pm	<i>Tackling the PFAS Challenge: Using IX to Enhance Treatment at the TARP Superfund Site</i> Viking Edeback, Carollo	<i>Evaluating Hydrogen Peroxide as an Indirect Oxygen Source in Wastewater Treatment Plants: Kinetic Pa</i> Amelia Bryan, Arizona State University	<i>Arizona State University Stormwater Master Plan: A Buildable Blueprint</i> Michael Morgan, CDM Smith	<i>The Right Rig for The Right Well! Targeted Procurement in Gilbert's Well Development Program</i> Dennis Candler, Kennedy Jenks	<i>Leveraging the Dataverse to Enable Living Data Management from Design to Operations</i> Christopher Puccio, Brown & Caldwell
	5:00pm-6:00pm	Networking Happy Hour (Exhibition Hall)				
	6:00pm-9:00pm	Dinner Social (The Churchill)				

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TRACK 6 COMMUNITY OUTREACH					
TRACK 7 LEARNING EXCHANGE					
TRACK 8 COMMITTEES					
TRACK 9 OPERATOR TRAINING					
TRACK 10 OPERATOR TRAINING					
TRACK 11 WALKING SESSIONS					
156-157	150-151	152	153	154	Exhibition Hall
Kyle Cole	Amy Baker				
<i>Connecting Communities: Expanding Access to Water and Sewer Service in the Navajo Nation</i> Arno Leskinen, Dibble	<i>Operator Exchange</i> Amy Baker, City of Glendale		Water Distribution: <i>Growing Up – Operator Specialization in Large Water Systems</i> John Mussulman	Wastewater Collection: <i>Conducting a Collection Line Odor Assessment</i> Brittany Vega <i>Soil Media Biofilters for Collection System Odor Control</i> Alex Marye	
<i>Building Public Trust Through Communication and Stakeholder Engagement in Water Governance</i> Jessica Rodriguez, Tucson Water					
<i>From Inventory to Action: Scalable Solutions for Unknown Service Line Verification</i> Kelli Brown, HDR Daniel Quintanar, Tucson Water		<i>Stormwater Committee Meeting</i>			
TRACK 6 COMMUNITY OUTREACH	TRACK 7 LEARNING EXCHANGE	TRACK 8 COMMITTEES	TRACK 9 OPERATOR TRAINING	TRACK 10 OPERATOR TRAINING	TRACK 11 WALKING SESSIONS
156-157	150-151	152	153	154	Exhibition Hall
Kyle Cole	Brandy Thigpen				
<i>Pure Water Tucson: A Governance Framework for Community Confidence and Engagement</i> Natalie DeRoock, Tucson Water	<i>Next Wave: Artificial Intelligence in Water and Wastewater Learning Exchange</i> Sophia Wallis, Stantec	<i>WELL in Action: Sharing Successes and Shaping the Future of Water Workforce Training</i> Jennifer Davidson, ASU Kyl Center for Water Policy	Water Distribution: <i>Water Main Break Response and Isolation Planning</i> Marisela Arias and Cierra Godfrey	Wastewater Collection: <i>Utilizing New Technology for Condition-Based Maintenance</i> Colton Stewart <i>Best Technologies for Pressure Pipe Condition Assessment and Rehabilitation</i> Mark Messenger	Wastewater Treatment
<i>Earning Trust for Direct Potable Reuse, The Ultimate Ask</i> Ian Monahan, Bodewell Group					
<i>Data Driven Drought Outreach</i> Jaimie Galayda, Tucson Water					
TRACK 6 SCADA	TRACK 7 LEARNING EXCHANGE	TRACK 8 COMMITTEES	TRACK 9 OPERATOR TRAINING	TRACK 10 OPERATOR TRAINING	TRACK 11 WALKING SESSIONS
156-157	150-151	152	153	154	Exhibition Hall
Edward Taggard	Kahao Lim				
<i>Building Digital Maturity: Turning Utility Data Chaos into Actionable Insight</i> Klint Fletcher, Brown & Caldwell	<i>Native and Indigenous People Learning Exchange</i> Kahao Lim, Stantec	<i>Infrastructure Council Meeting</i>	Water Distribution: <i>HDPE Fusion Piping, Processes, and Procedures</i> Scott Bates	Wastewater Collection: <i>ADEQ Collection System Grade 1 & 2 Operator Certification Training and ADEQ Collection System Assessment Auditing</i> Dennis Froehlich and Xan McMacken	Water Treatment
<i>Elevating SCADA Alarm Management for Water & Wastewater Operations</i> Alan Hudson, VTScada		<i>Operator's Network Committee Meeting</i>			
<i>Modernizing SCADA in Remote Location</i> Aaron Szalaj, Stanley		<i>Engagement Council Meeting</i>			
<i>Good Design Matters: Implementing UI/UX Principles For Operator Efficiency And System Reliability</i> Nick Tostado, Enterprise Automation		<i>Water Treatment Committee Meeting</i>			

PROGRAM SCHEDULE

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WEDNESDAY, APRIL 29

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	7:00am-4:00pm	Registration (Ballroom Lobby)				
	7:00am-9:00am	Breakfast (Ballroom)				
	8:00am-4:30pm	Technical Sessions				
	9:30am-5:30pm	Manufacturer's Exhibition				
TECHNICAL SESSIONS	Track	TRACK 1 WATER TREATMENT	TRACK 2 WASTEWATER TREATMENT	TRACK 3 REUSE	TRACK 4 WATER RESOURCES	TRACK 5 MODELING
	Room	160-161	162-163	164-165	166-167	158-159
	Moderator	Sriram Ananthanarayan	Doug Berschauer	Larry Hanson	Blake Abts	Claire Tilton
	8:00am	<i>Manifesting RO Dreams of A Small Water System in Arizona</i> Erin Mulligan, NCS Sriram Barigeda, Watek	<i>Commissioning the Largest Algae-Based Wastewater Treatment Plant in the US</i> Steve Wirtel, Gross Wen Technologies	<i>Selection of Viral Surrogates for Confirmation of Advanced Treatment</i> Joe Hernandez, Scottsdale Water	<i>Optimizing CAP Recharge Efficiency Using Linear Programming</i> Phillip Pagels & Jeff Ritter, Central Arizona Project	<i>Well, Well, Well, and Seven More Wells: Modeling Over 2000 Groundwater Blending Scenarios</i> Stephen Despars, Wilson
	8:30am	<i>Is your New Skin Care Routine Causing Your Glowing Skin or is it Uranium in the Water?</i> Rebecca Dietz, Garver	<i>Commissioning Under Pressure: Lessons from an Emergency Infrastructure Delivery</i> Kristopher Rippey, EPCOR Cayleigh MacKenzie, Stantec	<i>The Common Math: JPEGs, Noise-Canceling Headphones, and Wastewater Early Warning System</i> Karthik Kumarasamy, AECOM	<i>Balancing Bytes and Water: Datacenter Innovation Under Arizona's 5th Management Plan</i> Nathan Zaugg, Carollo	<i>Beyond Hydraulics: An Integrated Modeling Framework for Predicting Distribution System Water Quality</i> Julia Semmens, Carollo
	9:00am	<i>Techno-Economic Analysis of GAC Reactivation for PFAS Treatment: Arizona Case Study</i> Jasmina Markovski, Consor	<i>Employing Strategic Energy Management Principles at Wastewater Treatment Plants</i> Sabarish Vinod, Lincus, Inc.	<i>Tapping into Reuse's Influence on Distribution System Water Quality</i> Cayla Cook, Hazen	<i>WIFA's Framework for Transparent and Innovative Water Project Development</i> Ben Alteneider, WIFA	<i>Process Intensification: Transforming Assets to Enhance Plant Value</i> Abigail Harbeck, GHD
	9:30am-10:00am	Networking Break (Exhibition Hall)				
TECHNICAL SESSIONS	Track	TRACK 1 WATER TREATMENT	TRACK 2 WASTEWATER TREATMENT	TRACK 3 PANEL DISCUSSION	TRACK 4 GROUNDWATER	TRACK 5 MODELING
	Moderator	Sriram Ananthanarayan	Doug Berschauer		Blake Abts	Claire Tilton
	10:00am	<i>Biological Denitrification System Evaluated for Groundwater Nitrate Removal in Gilbert</i> Jeff Bower, Town of Gilbert	<i>To Intensify or Not</i> Mario Benisch, HDR	<i>Advanced Water Purification: Is this Arizona's Water Future?</i> Facilitator: Brian K. Biesemeyer, BZ Utility Advisors	<i>The Quest for Well 35: Persistence Pays Off When it Comes to Town of Gilbert Well 35</i> Lauren Handley, Spheros Environmental	<i>An AI-mapping and Physics-Based Approach to Quantify Water-Energy Use in Arizona Data Centers</i> Musie Atsbha, Arizona State University
	10:30am	<i>Ion Exchange for Nitrate Removal: Process Improvements and Optimization</i> Mathieu Medina, Corona	<i>Flagstaff Plans for its Wastewater Treatment Future</i> Andrea Odegard-Begay, Hazen	 Panelists: Peter Annin, Burke Center for Ecosystem Research	<i>Dig Deep: Drilling, Testing, and Designing of ASR Wells</i> Kileigh Phillips, Wilson Blake McConnell, MatrixNewWorld	<i>Beyond the Model: Using Demonstrated Performance to Define Liquid Treatment Capacity at 91st Avenue</i> Srikanth Grandhi, Arcadis
	11:00am	<i>Nitrates Be Gone! Fast-Tracking Ion Exchange Treatment With D-B Approach & Multi-Firm Coordination</i> Alan Palmquist, Wilson	<i>City of Phoenix 23rd Avenue WWTP Microgrid – Providing Redundancy and Reliability</i> Adam Shumway, Wilson	<i>Brandy Kelso, City of Phoenix</i> <i>John P. Kmiec, Tucson Water</i>	<i>Statistical Characterization of High Flow Volume in Arizona to Explore Flood-MAR Feasibility</i> Suraj Tiwari, Arizona State University	<i>Big Benefits from Modeling Without Big Data or Big Budgets</i> Libby McKenna, Brown & Caldwell
	11:30am-1:00pm	Operator Awards Luncheon and Annual Membership Business Meeting (Ballroom)				
TECHNICAL SESSIONS	Track	TRACK 1 WATER DISTRIBUTION	TRACK 2 WASTEWATER COLLECTIONS	TRACK 3 REUSE	TRACK 4 BIOSOLIDS	TRACK 5 SCADA
	Moderator	Seth Morales	Tom Braatlien	Larry Hanson	Andrea Odegard-Begay	Steve Wedwick
	1:00pm	<i>Designing Critical Crossings to Avoid Damage and Assessing Already Installed Critical Crossings</i> Randy Moreno, Black & Veatch	<i>The Fiberglass Fix: Rethinking Wet Wells for Time and Budget Gains</i> Cassandra Alejandro, Coe & Van Loo	<i>Brine Management Framework for Inland Reverse Osmosis: Methodology and Lessons Learned</i> Kevin Daniels, GHD	<i>PFASen your seatbelts, PFOAm fractionation is a PFASter way to remove forever chemicals!</i> Jeff Prevatt, Pima County	<i>Don't trim the FAT; Strategies for effective PLC control panel Factory Acceptance Testing (FAT)</i> Patrick Kelley, Felix Construction
	1:30pm	<i>Sustaining Pressure, Securing Flow</i> Ashley Campbell, Wilson	<i>Emergency Repair of 120-inch Pipe using Carbon Fiber: Inspection, Design & Installation Constraints</i> Uday Sant, Brown & Caldwell	<i>Drivers and Emerging Technologies for Brine Management</i> Kinnari Shah, Hazen	<i>Practical Implications of the First Full Scale Biosolids Gasification PFAS Testing</i> Mohammad Abu-Orf, Hazen	<i>SCADA Network Connectivity Hurdles with Geographically Challenged Sites</i> Mark Reski, Quantum
	2:00pm	<i>Paving the Way to Water Security: The Rio Verde Foothills Standpipe Story</i> Paul LaVanne, PCL	<i>Evaluation and Comparison of Recycling Combination Sewer Cleaning Trucks</i> Michael Ambroziak, AMKA Services	<i>The Applications of Artificial Intelligence to Membrane Separation for Water Purification</i> Tiezheng Tong, Arizona State University	<i>Capturing Waste Heat to Offset Thermal Hydrolysis Energy Demands – Tres Rios WRF, Pima County</i> Ty Morton, HDR	<i>Maximum Security: How To Design Reliable Enterprise OT Networks That Scale</i> Adam Ekstrand, Enterprise Automation
	2:30pm-3:00pm	Networking Break (Exhibition Hall)				
TECHNICAL SESSIONS	Track	TRACK 1 WATER DISTRIBUTION	TRACK 2 WASTEWATER COLLECTIONS	TRACK 3 CONSTRUCTION	TRACK 4 BIOSOLIDS	TRACK 5 REGULATORY
	Moderator	Seth Morales	Tom Braatlien	Larry Hanson	Andrea Odegard-Begay	Steve Wedwick
	3:00pm	<i>Optimum Design Life for Water Pipelines</i> Firat Sever, CDM Smith	<i>Keeping the Sewer Flowing in Times of Emergency</i> Mike Meyers, Brown & Caldwell	<i>From Distance to Connection: Empowering the Navajo Nation Through Smart Construction</i> Jeanne Jensen, RMCI	<i>Finding the Right Biosolids Management Solutions in a New Era of Uncertainty</i> Gregory Knight, Garver	<i>TMF 2.0 – A Survey to Gauge the Technical, Managerial, and Financial Capacities of Water Systems</i> Bram Briskorn, ADEQ
	3:30pm	<i>Streamlining Service Line Replacements: A GIS-Based Approach for the City of Phoenix</i> Mallory Stermon, Entellus	<i>Innovative Sewer Infrastructure Assessment Using GoPro 360 Action Cameras</i> Barrett Brickner, City of Mesa	<i>Managing Complexity in Remote Infrastructure: Lessons from the Kayenta WWTP Project</i> Jerry Bish, WSP	<i>Trust but Verify: Ensuring Centrifuge Performance through Verification Testing</i> Jacob Emmons, Arcadis	<i>A Closer Look at Arizona's Unique Monitoring Assistance Program</i> Carling Olson, ADEQ
	4:00pm	<i>DIP the Next Frontier in Infrastructure Management</i> Chandler Carpenter, Black & Veatch	<i>Pump Station Pipeline Inspections Using Rope Access</i> Kevin Weeks, PICA Corp.	<i>Buried Without a Trace... Lessons Learned on Tracer Wire Installation</i> Katie Gaul, City of Chandler	<i>Sun-Powered Success: Kennewick Unveils Cutting-Edge Biosolids Facility</i> Andrea Kagie-Hay, Kimley-Horn	<i>What's New? myDEQ Drinking Water ATC/AOC Online Portal</i> Stephanie Huang & Hafez Ahmed, ADEQ
	4:30pm-5:30pm	Networking Happy Hour (Exhibition Hall)				
	5:30pm-7:00pm	Awards Reception (Hyatt)				
	6:30pm-10:00pm	Hospitality Night (Dinner and Networking on Your Own)				

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TRACK 6 UTILITY MANAGEMENT					
TRACK 7 WORKSHOPS					
TRACK 8 COMMITTEES					
TRACK 9 OPERATOR TRAINING					
TRACK 10 OPERATOR TRAINING					
TRACK 11 WALKING SESSIONS					
156-157	150-151	152	153	154	Exhibition Hall
Lisa Melton	Lourdes Rodriguez				
<i>Bolting the Wings on While We Fly the Plane</i> Alex Page, Kennedy Jenks	<i>Bridging Education and Industry: Water Literacy in Action for the Future Workforce</i> Lourdes Rodriguez, Sundt Construction	<i>Environmental Council: Energy Management and Sustainability Committee Meeting</i>	<i>Water Treatment: Back to Basics: Laboratory Analysis Fundamentals and Water Treatment Math</i> Mark Border and Allison Shepard	<i>Wastewater Treatment: Industrial Wastewater Treatment: Preparing Operators for a Growing Sector</i> Ibrahim Teres	
<i>A Drilling Surprise: Mesa's Emergency Response to a Horizontal Driller Hitting a 60-inch Pipeline</i> Spencer Taylor, City of Mesa		<i>Digital Infrastructure Committee Meeting</i>			
<i>Flood, Flexibility, and Fast-Track: The Wishing Well Water Reclamation Facility Rebuild</i> Nashita Naureen, Stantec					
TRACK 6 UTILITY MANAGEMENT					
TRACK 7 WORKSHOPS					
TRACK 8 COMMITTEES					
TRACK 9 OPERATOR TRAINING					
TRACK 10 OPERATOR TRAINING					
TRACK 11 WALKING SESSIONS					
Lisa Melton	Sarah Robinson				
<i>Program Manager Delivery: Chandler's \$160M Water Program – Maximizing Collaboration and Efficiency</i> Brindha Dhanasekaran, Hazen	<i>Water Equity Now: Lessons, Tools, and Action Steps</i> Sarah Robinson, US Water Alliance Trevelyn Johnson, Impact Community Action Sarah Collins, Pittsburgh Water	<i>Student Design Competition</i>	<i>Water Treatment: Navigating the New Regulatory Landscape: What Operators Need to Know About Emerging Water Rules</i> Cathy Swanson and Ibrahim Teres	<i>Wastewater Treatment: Process Control for Small Mechanical Plants</i> Kyle Cole	<i>Wastewater Collections</i>
<i>Empowering Wastewater Operations: AI-Driven Insights for Smarter Utility Planning</i> Patrick Goodfellow, Brown & Caldwell					
<i>Revolutionizing Utility Management with AI-Powered Risk Modeling for Asset Management and Water Loss</i> Cory Sides, VODA					
TRACK 6 ASSET MANAGEMENT					
TRACK 7 WORKSHOPS					
TRACK 8 COMMITTEES					
TRACK 9 OPERATOR TRAINING					
TRACK 10 OPERATOR TRAINING					
TRACK 11 WALKING SESSIONS					
Kt Stowers	Jennifer Davidson				
<i>Condition Critical: Designing a Vertical Asset Assessment Program from the Ground Up</i> Amanda Jones, Tucson Water Jesus Suarez, Tucson Water	<i>Clear, Confident, and Credible: Public Speaking & Technical Writing for Water Professionals</i> Jennifer Davidson, ASU Kyl Center for Water Policy Davian Peterson, Tucson Water	<i>Wastewater Treatment Committee Meeting</i>	<i>Water Treatment: Back to Basics: Laboratory Analysis Fundamentals and Water Treatment Math</i> Mark Border and Allison Shepard	<i>Wastewater Treatment: Basics of Secondary Treatment and Nutrient Removal in Wastewater</i> Srikanth Grandhi	<i>Water Distribution</i>
<i>Too Many Assets... Optimizing Your Asset Management System</i> Michael Caruso, Black & Veatch		<i>Water Resources Committee Meeting</i>			
<i>Leveraging GIS and CMMS for Internal Work Order Management</i> Corryn Smith, Flagstaff Water Services					
TRACK 6 ASSET MANAGEMENT					
TRACK 7 WORKSHOPS					
TRACK 8 COMMITTEES					
TRACK 9 OPERATOR TRAINING					
TRACK 10 OPERATOR TRAINING					
TRACK 11 WALKING SESSIONS					
Kt Stowers	Seema Chavan				
<i>From Paper to Pixel: Streamlining Data Entry for Preventive Maintenance Inspections</i> Alexander Hanson, Hazen	<i>Show Me the Money: Creative Funding Strategies to Navigate the Current Federal Funding Scene</i> Seema Chavan, Brown & Caldwell	<i>Advocacy Council Meeting</i>	<i>Digital Infrastructure: SCADA Alarm Management</i> Adam Ekstrand	<i>Wastewater Treatment: Operators Career Pathway and Certification Updates</i> Karla Camou-Guerrera and ADEQ	<i>Asset Management</i>
<i>Streamlining Stormwater Condition Assessments with GIS and AI</i> Robert Kirkman, Consor			<i>Control Panel Basics</i> Patrick Kelly		
<i>Addition by Division: Dividing Val Vista's 40 MG Reservoir for Long-term Reliability</i> Michael Jermaine, Black & Veatch		<i>Wastewater Collections Committee Meeting</i>	<i>Basics of Computer Networking</i> Mark Reski		
			<i>Educational Resources</i> Andrew Milakovich		

PROGRAM SCHEDULE

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THURSDAY, APRIL 30

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	7:00am-12:00pm	Registration (Ballroom Lobby)				
	7:00am-9:00am	Breakfast (Ballroom)				
	8:00am-3:30pm	Technical Sessions				
TECHNICAL SESSIONS	Track	TRACK 1 WATER TREATMENT	TRACK 2 GROUNDWATER	TRACK 3 PANEL DISCUSSION	TRACK 4 REUSE	TRACK 5 CONSERVATION
	Room	160-161	162-163	164-165	166-167	158-159
	Moderator	Razhan Kareem	Ed Mears		Jessica Dresang	Cayla Carbone
	8:00am	<i>Pilot Testing of Chlorine Dioxide and Sidestream GAC for THM Control in SRP Water</i> Eric Peterson, Hazen	<i>Geospatial Patterns of PFAS in Arizona Waters to Inform Sustainable and Equitable Water Management</i> Hannah Collins, Arizona State University	<i>Utility Executives on the Three Keys to Building Future Ready Organizations</i> Facilitator: Esteban Azagra, Arcadis	<i>Navigating a New Frontier: Advancing Potable Reuse Under Arizona's New AWP Rule</i> Tyler Mach, HDR	<i>Fixture vs Rebate: A Case Study in Savings and Customer Satisfaction</i> Sarah Alloway, Liberty Utilities
	8:30am	<i>Comparative assessment of LED and Low-Pressure Mercury UV: Implications on Health Protection</i> Lynn Carroll, University of Arizona	<i>City of Tempe's Roadmap to SDWA PFAS Compliance</i> Dean Alford, City of Tempe	Panelists: John P. Kmiec, Tucson Water. Jesse Heywood, City of Mesa Water Resources Department	<i>What Kind of Pilot Facility is Right for Me?</i> Kayleen Marcella, Stantec	<i>Case Study: Implementing a Cooling Tower Monitoring Program in a Gilbert, AZ School District</i> Gina Damato, Town of Gilbert
	9:00am	<i>Advancing Manganese Treatment: Redox Insights and Next-Generation Technologies</i> Sunny Natekar, Garver	<i>Finding Productive Groundwater Wells in Gila County Using Innovative Geophysical Tools</i> Jeff Bower, Arizona Water Engineers Trystin Johnston, Willowstick Technologies	Jessica Marlow, Town of Gilbert	<i>From Concept to Consumption: Pilot-Scale Case Studies in AWP Development</i> Troy Walker, Hazen	<i>Driving Water Sustainability Through Strategic Partnerships</i> Leeann Yacuel, Salt River Project
	9:30am-10:00am	Networking Break (Main Lobby)				
TECHNICAL SESSIONS	Track	TRACK 1 WATER TREATMENT	TRACK 2 REGULATORY	TRACK 3 PANEL DISCUSSION	TRACK 4 REUSE	TRACK 5 CONSERVATION
	Room	160-161	162-163	164-165	166-167	158-159
	Moderator	Razhan Kareem	Ed Mears		Jessica Dresang	Cayla Carbone
	10:00am	<i>Join the PAC! Harnessing the Potential of Powdered Activated Carbon for PFAS Removal</i> Michelle Young, Carollo	<i>Why is it so difficult to define "Waters of the United States"?</i> Robert Hollander, Hollander Consulting Services	<i>City of Peoria's New Approach to Greenfield Infrastructure Planning, Development, and Implementation</i> Facilitator: Daniel Kiel, City of Peoria	<i>An Innovative Non-Membrane Treatment Approach for Salinity, TOC, and PFAS for Potable Reuse</i> Rosa Yu, Carollo	<i>Grants Saving Drops and Dollars – Designing Water Efficient Pathways for Underserved Multifamily Customers</i> Valeria Galindo, Tucson Water
	10:30am	<i>Comprehensive Planning Approach for Complying with PFAS Rule for Surface Water Treatment Plants</i> Zaid Chowdhury, Garver	<i>Proactive Protection: The Strategic Future of Arizona's Drinking Water</i> David Burchard, ADEQ Ryan Swapp, ADEQ	Panelists: Chris Sterne, City of Peoria Nathan Nutter, Consor Claire Tilton, Hazen & Sawyer	<i>The Art of PFAS Destruction in Reuse: Not a One-Size-Fits-All Approach</i> Susheera Pochiraju, Hazen	<i>Tracking Impact: Evaluating Arizona's \$200 Million WIFA Investment in Statewide Water Conservation</i> Jennifer Davidson, ASU Kyl Center for Water Policy
	11:00am	<i>Delivering Clean Water Anywhere: Mobile Water Purification Systems, Emergency and Remote Operations</i> Brian Butters, Purifics	<i>Defining Microplastics for Regulatory Consideration</i> Brent Alspach, Arcadis	Jorge Gerardo, Darcor Bill Roberts, GHD Carly Ashby, City of Peoria Julian Pesquira, Kimley-Horn	<i>Bromide Source Control for Trihalomethanes Management Under New Arizona Standard</i> Mingrui Song, Annalisa Torrez, Tatum Chestnut, EPCOR	<i>Right Sizing Premise Plumbing in Arizona: Using the Water Demand Calculator® (WDC)</i> Christoph Lohr, IAPMO
	11:30pm-1:30pm	Luncheon, Keynote – AWWA and WEF Delegates, National Awards, and Gavel Passing (Ballroom)				
TECHNICAL SESSIONS	Track	TRACK 1 CONSTRUCTION	TRACK 2 REGULATORY	TRACK 3 WATER RESOURCES	TRACK 4 PRETREATMENT	TRACK 5 CONSERVATION
	Room	160-161	162-163	164-165	166-167	158-159
	Moderator	Davian Peterson	Jennifer Peterson	Carleigh Jones	Jolene Montoya	Jaimie Galayda
	1:30pm	<i>Sewer from Hell</i> Eric McLeskey, Carollo	<i>Navigating Arizona's AWP Enhanced Source Control Regulations</i> Douglas Rice, Black & Veatch	<i>Adapting to a Drier Future: The Central Mesa Reuse Pipeline and Mesa Water Security Beyond 2026</i> Nicole Petker, City of Mesa Jesse Heywood, City of Mesa	<i>From Tap to Treatment: Navigating the New Enhanced Source Control Landscape in Arizona</i> Mary Kate Forkan, Carollo	<i>Beyond Alerts: Lessons in Driving Action with AMI Data</i> Kellie Dunn, VertexOne
	2:00pm	<i>Rising Above the Flood: Rapid Recovery and Resilience at Wishing Well Water Reclamation Facility</i> Cayleigh MacKenzie, Stantec Koudous Aboudou Kabassi, PCL	<i>Relationship Building for Effective Source Control in Water Reuse</i> Natalia Hoogesteijn, Hazen Stephanie Ishii, Hazen	<i>Designing Where Nature Calls the Shots at the Gilbert Riparian Preserve</i> Steven Notch, Town of Gilbert Aaron Henderson, Hazen	<i>San Diego's Enhanced Local Limits Study: Rethinking Source Control for Potable Reuse</i> Joshua Balentine, Brown & Caldwell	<i>A Culture of Conservation: Striving for Water Resilience and Savings Without Automation</i> Rachael L'Heureux, Phoenix Water Services
	2:30pm	<i>MOPO Best Practices from the 24th Street WTP Rehab</i> Michael Sitzmann, PCL Mark Gardner, PCL	<i>Evaluating Corrosion Control in Response to Source and Treatment Changes</i> Jasmina Markovski, Consor	<i>Comprehensive Water Master Planning for EPCOR's Agua Fria Water District</i> Daniel Blake, Carollo	<i>Characteristics of Highly Effective FOG & Industrial Pretreatment Programs</i> Tony Cole, BMP Corp.	<i>Pool Removal Help: A Multi-Faceted Approach to Overcoming Barriers to Swimming Pool Removals</i> Gary Woodard, Water Resources Consulting
	3:00pm	<i>Installing A Sewer Main Can Be A Blast!</i> David Markert, Wilson	<i>Proactive PFAS Mitigation in Small/Disadvantaged Water Systems: Case Studies in Tailored Solutions</i> Sara Konrad, ADEQ	<i>Ultrasound-Enhanced Desorption for Atmospheric Water Harvesting</i> Gokul Chandrasekaran, Arizona State University	<i>Assessing Pretreatment Impacts from Total Dissolved Solids on Wastewater Collection and Treatment</i> Mary Sadler, Hazen	<i>Seek the Leak</i> Ryan Wood, City of Tempe

Subject to change, refer to conference website or mobile app for most current details.

TRACK 6 SCADA	TRACK 7 LEARNING EXCHANGE	TRACK 8 COMMITTEES	TRACK 9 OPERATOR TRAINING	TRACK 10 OPERATOR TRAINING
156-157	150-151	152	153	154
Casey Koniarski	Barbara Shuck			
<i>Who is Really in Charge? Maintaining Human Control in an Automated World</i> Heath Jeppson, Stanley	<i>Bridging Expectations for Better Projects and Lasting Relationships</i> Barbara Shuck, Everest Marketing Services	<i>Utility Forum Committee Meeting</i>	Stormwater: <i>Stormwater Training for Operators</i> Kevin Boesch, SWCA	Energy: <i>Energy Management Plan</i> Paul Schuitt
<i>Plant of the Future? How about the Plant of Today?</i> Mark Reski, Quantum		<i>Customer Service Committee Meeting</i>		
<i>A Comprehensive Approach to SCADA Upgrade and Enterprise Data Analytics Integration</i> Craig Yokopenic, EMA				
TRACK 6 UTILITY MANAGEMENT	TRACK 7 LEARNING EXCHANGE	TRACK 8 COMMITTEES	TRACK 9 OPERATOR TRAINING	TRACK 10 OPERATOR TRAINING
156-157	150-151	152	153	154
Rebecca Sydnor	Crissey Cameron			
<i>Dashboards in Action: Tucson Water's Journey to Enterprise-Wide Dashboards</i> Daniela Panfil, Hazen	<i>Reflecting for the Future: Collaborative Discussions to Inspire the Next Generation</i> Lara Van Lith, Phoenix Water Services	<i>Wastewater Treatment Committee Meeting</i>	Pretreatment: <i>Rountable Discussion</i> Aaron Dougherty, Josh Balentine, Jolene Montoya, Matthew Pulido, Tony Cole, Chelsey Mc Cluskey, Richard Dalton, Josh Pfaff	Security: <i>2025 Gila Bend flooding and Emergency Response efforts</i> Carl Melford <i>The Emergency Manager Role and How to Become a Certified EM</i> Ericka Huston <i>Why Emergency Planning is Important to Operators</i> Christine Nuñez
<i>Turning Data into Trust – Building Water Sector Data Governance Framework for Digital Future</i> Janis Lusco, Arcadis				
<i>Water & Sewer System Planning and Funding Strategies</i> Adam Miller, City of Phoenix				
TRACK 6 ASSET MANAGEMENT	TRACK 7 LEARNING EXCHANGE	TRACK 8 COMMITTEES	TRACK 9 OPERATOR TRAINING	TRACK 10 OPERATOR TRAINING
156-157	150-151	152	153	154
Kristi Ross	Dakota Ball/Sarah Rogowski			
<i>Still Leaking After All These Years: What's Next for Leak Inspection Tech?</i> Eric Toffin, Pure Technologies	<i>Ahead of the Curve: Upcoming CIP Highlights</i> City of Buckeye City of Goodyear City of Mesa EPCOR Town of Florence Town of Gilbert		Biosolids: <i>Back to the Basics of Biosolids: What Every Operator Should Know</i> Murthy Kasi and Raj Chavan	Lab Practices: <i>Water Sampling Techniques</i> Marci Payne, Legend Analytical
<i>Understanding the Five Key Features of Good Mechanical Seal Design and Its Impact on Reliability</i> Paul Keough, AW Chesterton				
<i>How to Develop a Pipeline Prioritization Framework to Improve Inspection and Asset Management?</i> Sunakshi Hada, Black & Veatch				
<i>Condition Assessment of SROG Siphons and the Downstream WRSS Pipelines Serving the APS Power Plant</i> Britt Klein, Xylem				

CURRENT TO APRIL 2, 2026