



TURNING
the TIDE
TOWARD
WATER
REUSE

WATERREUSE®
2025 SYMPOSIUM
Celebrating 40 Years

MARCH 16-19
JW MARRIOTT TAMPA
WATER STREET

IN COLLABORATION WITH THE WATER RESEARCH FOUNDATION

2025 WaterReuse Symposium

CALL FOR PRESENTATIONS: TECHNICAL PROGRAM

Deadline: August 16, 2024

YOU ARE INVITED

The WaterReuse Association is accepting presentation proposals for the **40th Annual WaterReuse Symposium in Tampa, Florida, March 16-19, 2025.**

Share water reuse best practices, lessons learned, innovations, and emerging research at the 2025 WaterReuse Symposium. Presentations are meant to spark imagination, inspire constructive dialogue, and drive new solutions for greater adoption of water recycling. Demonstrate your thought leadership and build your professional network with a place on the podium at the 2025 WaterReuse Symposium.

Submit your proposal by **August 16, 2024** on our website: www.watereuse.org/symposium

THE MOST IMPORTANT GLOBAL WATER REUSE EVENT

The Annual WaterReuse Symposium is the premier conference on water recycling — attracting global water professionals and water reuse practitioners for knowledge-sharing, networking, and training. Planned in collaboration with The Water Research Foundation, the WaterReuse Symposium is the most comprehensive water recycling knowledge-sharing opportunity available, covering water reuse policy, technology, operations, communications, research, and more.

THEME: TURNING THE TIDE TOWARD WATER REUSE



The 2025 WaterReuse Symposium marks the 40th anniversary of the WaterReuse Symposium! Planned around the theme, *Turning the Tide Toward Water Reuse*, the 40th Annual WaterReuse Symposium will

explore the latest trends, regional challenges, and forward-thinking ideas that are driving growth in water recycling. We will look at how water recycling systems, practices, and policies are creating

opportunities to bolster water resource reliability, public health, and economic vitality. The 2025 Symposium takes place in Florida, a proud leader in water reuse innovation for nearly 60 years. Join us for tours of cutting-edge local facilities, exciting networking, and presentations on topics from East to West coast and around the world – from regional mega-projects to building-scale and small community reuse solutions.

PROGRAM FOCUS AREAS AND SESSION TOPICS

WateReuse invites technical presentation proposals with a fresh point of view on the essential role of water recycling in the future of water management for communities and businesses. Proposals should address the Symposium theme – *Turning the Tide toward Water Reuse* – and align with one or more of the bolded focus areas listed below. You will be asked to select a primary focus area and will have the option to select a secondary focus area.

Emerging research, innovative technologies, non-potable applications, case studies and international topics will be considered in all focus areas. Other cross-cutting topics include regional planning, funding strategies, regulatory compliance, treatment technologies & water quality standards, creative collaborations, innovative solutions, resiliency planning, and effective communications for local elected officials. *Submissions should indicate if the proposal is related to a Water Research Foundation project or a National Water Reuse Action Plan (WRAP) project and should include the respective project number/action number.*

Agricultural Reuse, Landscape, and Irrigation

- Community resiliency/food security
- Food safety/regulations
- Innovative partnerships & solutions
- Seasonal storage

Climate Resiliency, Environmental Restoration & Adaptation, and Stormwater Capture & Reuse

- Ecological restoration
- Groundwater Depletion and Managed Aquifer Recharge
- Nature-based solutions
- Protection of sensitive waterways and ecosystems
- Saltwater intrusion
- Stormwater and rainwater capture and use systems
- Water reuse and climate change mitigation and adaptation
- Water reuse and flood management
- Water reuse in water abundant regions

Communications, Outreach, and Education

- Building local support among local elected officials and ratepayers for investment in water reuse
- Communication strategies related to public health (e.g., emerging contaminants)
- Education programs, demonstration projects, and learning centers
- External engagement and collaboration strategies (e.g. public health/medical

community partnerships, social media campaigns)

- Stakeholder and interagency communication

Industrial and Commercial Reuse

- ESG goals, corporate water sustainability programs, and ROI
- Private-public partnerships
- Produced Water Reuse
- Reuse for cooling and boiler feed
- Reuse at food processing/manufacturing facilities
- Reuse for process water
- Water-Energy nexus

Onsite Reuse and Decentralized Systems

- Addressing public health and regulatory requirements
- Benefits of integrating decentralized and centralized water and wastewater infrastructure
- Financing and reducing market barriers to deploying onsite reuse systems
- Incorporating resource recovery and nature-based solutions in decentralized treatment systems
- Lessons learned from design, operation, and maintenance
Moving towards potable or near-potable reuse on a decentralized scale

PROGRAM FOCUS AREAS AND SESSION TOPICS *continued*

Planning, Operations, Maintenance, and Management for Water Reuse Systems

- Artificial intelligence/machine learning
- Cyber security risks & approaches
- Identifying treatment strategies to achieve water quality goals
- Integrated water resources / One water planning
- Operations and capacity building
- Planning, design, construction, and project delivery approaches
- Training and certificate requirements
- Workforce development, training, and education

Policies and Regulations Advancing Water Recycling

- Funding programs
- Incentives and green credits
- Legal challenges & solutions
- National water reuse policies and programs (e.g., WRAP)
- Regulatory development
- State policies and regulations

Potable Reuse

- Enhanced process control optimization and monitoring
- Innovative treatment technologies and trains
- Pathogen and chemical control
- Reverse osmosis (RO) concentrate management

Social & Economic Impacts

- Advancing reuse in underrepresented and underserved communities
- Circular economy
- Environmental and social justice/Equity
- Financing
- Rate structures, costs, & ROI

Water Reuse and Emerging Contaminants

- Antibiotic resistant microorganisms
- Microplastics and Nanoparticles
- PFAS – MCLs +
- Other emerging contaminants of concern (6PPD, etc.)
- Source control

Water Reuse in the State of Florida

- Case Studies
- Policies and Regulations (Senate Bill 64, etc.)

Water Reuse Around the World

- Development projects
- Indigenous water management
- International partnerships and global exchange programs
- Reuse regulations (locally, regionally)
- Trade programs (financing, introduction, etc.)

NEW THIS YEAR! EXPANDED ONSITE WATER REUSE TRACK

The 2025 WaterReuse Symposium will include **two full days of sessions geared towards advancing onsite, decentralized, and distributed water recycling systems**. This track builds on the integration of science, policy, and operation for safe and effective implementation that was discussed at the Onsite Water Reuse Summit held during Water Week, April 2024 in Washington, D.C. Check out the April summit sessions by visiting the [NBRC Resources webpage](#), and scrolling down to the Onsite Water Reuse Summit block.

PREPARATION AND SUBMISSION GUIDELINES

WateReuse encourages proposals that include a diversity of voices, including water and wastewater utilities of all sizes, young professionals, and rural and urban communities. When submitting, please enter your **full organization name**, not only the acronym.

Types of Presentations

WateReuse is accepting proposals for three types of technical presentations at the 2025 WateReuse Symposium:

- **Standard Presentation:** An in-depth technical presentation by one to two presenters (Time: 25 minutes, including Q&A).
- **Panel Discussion:** An interactive, in-depth discussion of a single topic by multiple presenters. Panels consist of three to five panelists, including at least one utility representative, and a moderator. (Time: 55 minutes, including Q&A)
- **Poster Presentation:** A visual presentation of a research project or case study. A 30-minute period is designated for you to stand with your poster and interact with attendees.

Learning objectives

Presentations must clearly define measurable learning objectives for attendees. Learning objectives should describe the information, skills, behaviors, or perspectives participants will acquire or outcomes and actions attendees will be able to demonstrate after attending your presentation.

Examples:

- Attendees will be able to conduct a comprehensive cost-benefit analysis for proposed water reuse projects.
- Attendees will learn new ways to manage salinity.

Preparing a Proposal

Please gather the following information to prepare a presentation proposal:

- Title (up to 10 words)
- Summary (up to 75 words)
- Learning objectives (up to 100 words)
- Full presentation description (up to 500 words)
- Contact information of the primary organizer, and co-presenters.
- List of co-authors (for reference)
 - Co-authors include only colleagues that will NOT be presenting the session. All others that will be presenting should be listed as co-presenters.

Please note that the WateReuse Association reserves the right to work with presenters to refine the title for communications purposes, to reorganize submissions from singular 25-minute submissions to panel groupings, or to offer a 25-minute slot to a panel submission.

Presenter Registration

Presenters are responsible for registering in advance for the Symposium, paying the registration fee, and securing and paying for travel and lodging. All accepted speakers are eligible to register at the discounted speaker rate if registered by the speaker deadline date of **February 1, 2025**.

Presenter Commitment

Presenters must attend in person in Tampa and agree that WateReuse Association can record presentations for on-demand viewing. Presenters will be required to upload their presentations and/or supporting materials and resources prior to the Symposium. These resources will then be posted for attendees to access beyond the session. If your proposal is selected, you will be provided with further instructions on uploading your presentation materials.

CRITERIA FOR EVALUATION

The WateReuse Technical Program Committee will review proposals for panels, presentations, and posters. Proposals will be evaluated based on relevance, appropriateness, and applicability to focus areas and the Symposium theme and overall clarity and quality.

Preferred proposals will include:

- Concepts, tools, approaches that move reuse strategies forward
- Relevance to focus area(s) and the Symposium theme.
- Speakers with valuable insight, both established experts and up and coming thought leaders.
- Partnerships between private entities and utilities.
- Diverse voices, particularly speakers from or who work in small, rural, or underserved communities.
- Audience engagement.

Key Dates

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|-------------------|--|
| August 16, 2024 | Proposals Due via Online Submission Form |
| October 30, 2024 | Speakers Notified |
| February 1, 2025 | Deadline for Speaker Registration Discount |
| February 28, 2025 | PowerPoint Presentations Due |
| March 16-19, 2025 | 2025 WateReuse Symposium |

FURTHER INFORMATION

Further information is available at watereuse.org/symposium. Presentation proposals will be accepted [here](#).

Please direct inquiries regarding this Call for Presentation to Monika Merk, Technical Program Manager, at mmerk@watereuse.org.