



## 37th Annual WaterReuse Symposium Technical Program Call for Presentations Submit Online September 9, 2021 – November 1, 2021

The WaterReuse Association invites proposals for presentations at the 37<sup>th</sup> Annual WaterReuse Symposium, in San Antonio, Texas March 5-9, 2022 and on the WaterReuse virtual conference platform.

The Annual WaterReuse Symposium is the nation's premier conference on water recycling -- attracting more than 800 water professionals globally for knowledge-sharing, networking, and intriguing discussions! The event is planned in collaboration with the Water Research Foundation (WRF) and will include engaging sessions on the latest reuse-related research projects.

The 2022 Symposium will offer attendees an in-person experience March 5-9 bringing together the water reuse community to connect and innovate. As a long-time leader in reuse, San Antonio provides an excellent backdrop to envision the future of reuse. To augment the live experience, plenaries and technical sessions will be recorded and posted to the WaterReuse virtual conference platform following the live event. WaterReuse invites water reuse experts, practitioners, researchers, and young professionals to submit presentation proposals. WRA seeks technical sessions that stimulate and provoke discussion, facilitate knowledge transfer and development of competencies, and challenge attendees to think of new and innovative ways to incorporate water recycling into water management strategies.

### Program Theme:

The 37<sup>th</sup> WaterReuse Symposium's theme, **Water Reuse: Shaping Our Past and Charting Our Future**, is a call to action for the water reuse community to tap into innovation to address the urgency of our changing earth (floods, fires, droughts, pandemics). Technical sessions and roundtable discussions with breakout sessions will examine:

- Water recycling projects across life cycle phases.
- Innovation in water reuse to meet future water challenges.
- Project partnerships across industries and geographic regions.
- Resiliency and equity in water reuse.

**An Invitation:** We invite you to participate in the 37<sup>th</sup> Annual WaterReuse Virtual Symposium by submitting your presentation proposal for a technical session before November 1, 2021 via our website:

<http://www.watereuse.org/symposium/>

Electronic submissions of up to 500 words should focus on Symposium themes and address one or more of the topics listed below. WaterReuse encourages submissions from panels which include water and wastewater utility representation (especially small utilities) and young professionals.

**Focus Areas and Potential Session Topics:** WateReuse is looking for fresh proposals emphasizing the future of water reuse globally. Presentation proposals should address one or more of the following focus areas and subtopics and identify what life cycle phase of a reuse project the presentation best supports.

- **Innovative approaches to water recycling**
  - Resource recovery
  - Water-energy nexus in water recycling
  - Decarbonizing water
  - Emerging treatment trends and approaches
  - Corporate water sustainability programs
- **Water recycling research and innovation**
  - Sensors and monitoring
  - Emerging Contaminants
  - Advanced treatment trains
  - Reuse in one water research
  - Applied research
- **Inigorating industrial reuse partnerships**
  - Cross industry partnerships
  - Agriculture reuse
  - Power sector
  - Data centers
  - Food and beverage
  - Oil and gas
- **Integrating alternative water sources**
  - Onsite reuse (commercial, institutional and residential)
  - Stormwater capture and use
  - Regional and integrated planning frameworks
- **Meeting future challenges with data and intelligent systems**

#### Life cycle phases of a project

- Phase 1: Conceptual
- Phase 2: Planning
- Phase 3: Design and construction
- Phase 4: Implementation and operation
  - Operations and capacity building
  - Workforce certification and education
  - Controls automation
  - Data management
  - AI/Machine Learning
  - Cyber security
- **Advancing policy, regulations, and funding**
  - National water reuse policies and programs (ex. WRAP)
  - Regulatory developments
  - Economics of reuse
  - Funding mechanisms
- **Moving Direct Potable Reuse Forward**
  - Onsite systems
  - Private and public financing options
  - Workforce growth
  - Operator certifications
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- **Next generation of water systems public education and communications**
  - Engaging students and young professionals
  - Innovative public engagement
  - Strategic partnerships (e.g., public health professionals)
  - Growing direct potable reuse
  - Pretreatment programs and upstream management
  - Equity, resiliency, and water reuse

**Key Dates:** Presentation proposals will be accepted September 9, 2021 through November 1, 2021. Presenters will be notified of their selection by December 22, 2021. To participate, presenters must be present in San Antonio and agree for WateReuse to record live presentations for the virtual environment. Registration for the event will open in October 2021. All presenters and panelists must register and submit their PowerPoint slides by February 17, 2022. The event will be **March 5-9, 2022 in San Antonio, Texas.**

#### Preparation and Submission Guidelines:

Please submit presentation proposals through the online proposal submittal system on [watereuse.org/symposium](http://watereuse.org/symposium). Please gather all needed information before visiting the presentation proposal submission page. It works well to have a word document to cut and paste to enter the information into watereuse.org.

The 37<sup>th</sup> WateReuse Virtual Symposium invites presentation proposals for two types of technical sessions:

- (1) **60-90-Minute Panel:** An interactive, in-depth discussion of a single topic by multiple presenters. Panel must include at least one utility representative, and young professionals are encouraged.
- (2) **30-min Presentation:** An in-depth presentation by one or more (up to three) presenters.

All submissions must include a title (up to 10 words or 80 characters); a summary (up to 50 words or 400 characters); learning objectives (up to 100 words or 800 characters); the full presentation description (up to 500 words or 4000 characters); and primary contact information. Please note that the WateReuse Association reserves the right to work with presenters to modify the title for communications purposes, and to reorganize submissions from singular 30 minutes submissions to panel groupings.

For a 60 or 90-Minute panel, please indicate the preferred length of 60 or 90 minutes, panel title and primary contact information for each presenter. All presenters will be asked to register for the conference.

**Learning objectives:** To comply with continuing education accreditation requirements, 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.

**Requirements accompanying submission:** All presentations are expected to be presented by the individual(s) listed in the presentation proposal. The official language of the Symposium is English. Presenters will be able to register for the event at reduced rates. Selections and notifications will be made in December 22, 2021. As a speaker, you are eligible for a discount. Once selected, presenters are expected to register early to confirm participation and select the "Speaker" rate when registering.

**Criteria for Evaluation:** Submissions will be evaluated for relevance, appropriateness, and applicability to the Symposium theme and focus areas. Submissions with demonstrated results or conclusions or those illustrating consequences from an action are encouraged. The Symposium Technical Review Committee will assess all submissions for overall clarity and quality.

**Further Information:** Further information is available on [watereuse.org](http://watereuse.org). You may access the online submission platform through our [website](#).

Please direct all inquiries to Aliza Furneaux [AFurneaux@watereuse.org](mailto:AFurneaux@watereuse.org).