

# 40TH ANNUAL WATEREUSE SYMPOSIUM PDH REQUEST FORM

Printed Name: \_\_\_\_\_ Email: \_\_\_\_\_

Signature: \_\_\_\_\_ Organization: \_\_\_\_\_

The WaterReuse Association is pleased to offer professional development hours (PDHs) for technical sessions at the 40th Annual WaterReuse Symposium. It is the attendee's responsibility to ensure that these sessions qualify with your state accreditation agency, as well as to submit the completed certificate to your state accreditation agency to request credit.

## Instructions

1. Use this form to record which presentations you attend.
2. Tally up the total hours on right hand corner of each section and on the last page.
3. Enter your contact information on the form.
4. Submit the form to [symposium@watereuse.org](mailto:symposium@watereuse.org)
5. A Certificate of Attendance will be emailed to you within 4 weeks.

**Sunday, March 16, 2025**

### **Session A | 1:30pm – 3:00pm**

#### Communications Intensive Workshop

- What's in a Name? To Brand or not to Brand (.5 PDH) \_\_\_\_
- Effective Outreach in Florida (1 PDH) \_\_\_\_

#### Applications of UV-AOP for Water Reuse

- Diving into the Details: Applying UV-AOP to Meet Reuse Objectives (1 PDH) \_\_\_\_
- Monitoring the Dynamic Water Quality of UV/Cl<sub>2</sub> AOP Systems (.5 PDH) \_\_\_\_

Water Reuse 101 Workshop, Part I: The Nonpotable Water Reuse Journey (1.5 PDHs) \_\_\_\_\_

WRF Workshop: Building Transformative Partnerships and Fostering Successful Interagency Reuse Projects, Part I (1.5 PDHs) \_\_\_\_

### **Session B | 3:30pm – 5:00pm**

Water Reuse 101 Workshop, Part II: Potable Reuse and Protecting Public Health (1.5 PDHs) \_\_\_\_\_

# 40TH ANNUAL WATER REUSE SYMPOSIUM

## PDH REQUEST FORM

WRF Workshop: Building Transformative Partnerships and Fostering Successful Interagency Reuse Projects, Part II (1.5 PDHs) \_\_\_\_\_

Water Reuse Communications, Education, and Outreach

1. Being Sewer Smart: It's Everyone's Responsibility! (.5 PDH) \_\_\_\_\_
2. Flowing Forward: From Mountaintop to Metropolis, Chasing LA's Water Down (1 PDH) \_\_\_\_\_

Water Reuse in Florida

- Reclaimed Waters' Role in Resiliency - Yesterday, Today and Beyond (1 PDH) \_\_\_\_\_
- Lessons in Water Reuse: Tampa's Path to Compliance and Collaboration (.5 PDH) \_\_\_\_\_

Total PDHs for March 16<sup>th</sup>: \_\_\_\_\_

**Monday March 17, 2025**

**Session A | 11:00am – 12:00pm**

Cultivation & Irrigation: Innovative Partnerships

- Two Cities; One Vision: A Successful Beneficial Reuse Project (1 PDH) \_\_\_\_\_

Water Reuse Around the World I

- Global trends in potable reuse: Bringing the map to life! (.5 PDH) \_\_\_\_\_
- UK Moves to Integrate Water Reuse to Overcome Supply Pressures (.5 PDH) \_\_\_\_\_

Onsite & Decentralized Water Reuse Systems I

- Navigating the Waters of Implementing On-site Reuse (.5 PDH) \_\_\_\_\_
- Understanding NSF/ANSI 350 And How It Enables Onsite Reuse (.5 PDH) \_\_\_\_\_

Climate Resiliency & Adaption: Sustainability Planning

- Comparing Carbon Footprints of Reuse Versus Traditional Treatment Plants Nationwide (.5 PDH) \_\_\_\_\_
- Water Positive: Optimizing Membrane Performance to Reuse More, Deplete Less (.5 PDH) \_\_\_\_\_

Water Reuse Planning & Management

- A District's Dynamic, Innovative Approach to Asset Maintenance and Planning (.5 PDH) \_\_\_\_\_
- Navigating NextGen Water Workforce Development: Innovative Training and Recruitment Strategies (.5 PDH) \_\_\_\_\_

Water Reuse Policy: Navigating Permitting Challenges in Florida

- Implementing Florida's Potable Reuse Rule – Maximize Consumptive Use Permit Allocations (1 PDH) \_\_\_\_\_

# 40TH ANNUAL WATER REUSE SYMPOSIUM

## PDH REQUEST FORM

### Water Reuse & Emerging Contaminants I

- High-Impact Chemicals for Human Health Risk Mitigation in Potable Reuse (.5 PDH) \_\_\_\_
- When is 14/12/12 Pathogen LRV Not Enough? (.5 PDH) \_\_\_\_

### Water Reuse Education & Outreach I

- Engaging Medical Professionals in Reuse: A National Priority (1 PDH) \_\_\_\_

### Session B | 2:00pm – 3:00pm

#### Cultivation & Irrigation: Strategies for Nonpotable Reuse I

- A Collaborative Approach to Recycled Water Expansion in French Valley (.5 PDH) \_
- Concentrate Management via Public Access Reuse: Drivers, Regulations, and Sensitivities (.5 PDH) \_\_\_\_

#### Water Reuse Around the World II

- Mutual Benefits of International Collaboration in Water Reuse (1 PDH) \_\_\_\_

#### Onsite & Decentralized Water Reuse Systems II (Concurrent)

- It's Legal, Now What? Challenges for Onsite Reuse in Colorado (1 PDH) \_\_\_\_

#### Climate Resiliency & Adaption: Nature-Based Treatment Strategies

- Piloting Ozone-Treatment Wetlands for Regional Water Reuse in Northeast Florida (.5 PDH) \_\_\_\_
- Seasonal Water Quality Improvements Through a Pilot Infiltration Treatment Wetland (.5 PDH) \_\_\_\_

#### Water Reuse Planning & Management: Regional Solutions

- Fostering Leadership and Collaboration to Scale Regional Water Reuse Solutions (1 PDH) \_\_\_\_

#### Water Reuse Policy: Federal Outlook

- Federal Policy Update (1 PDH) \_\_\_\_

#### Water Reuse & Emerging Contaminants II

- Surfactant Transformation and Fate During Oxidation Processes for Wastewater Reuse (.5 PDH) \_\_\_\_
- Investigating 1,2,3-Trichloropropane Formation in Sequential Disinfection – Fact or Fiction? (.5PDH) \_\_\_\_

#### Water Reuse Education & Outreach II

# 40TH ANNUAL WATER REUSE SYMPOSIUM

## PDH REQUEST FORM

- Does it Matter How My Reuse Water Tastes? (1PDH) \_\_\_\_

### Session B | 3:30pm – 5:00pm

#### Cultivation & Irrigation: Strategies for Nonpotable Reuse II

- Successfully Meeting Irrigation Demand with Limited Supplies (.5 PDH) \_\_\_\_
- Mitigating Antimicrobial Resistance in Irrigated Agriculture Using Biocha (.5 PDH) \_
- Membrane Bioreactors for Agricultural Resource Recovery and Reuse (.5 PDH) \_\_\_\_

#### Potable Reuse Policies & Research (Concurrent)

- Advancing Direct Potable Reuse Worldwide: The Impact of Regulations on Implementation (.5 PDH) \_\_\_\_
- Pathogen Reduction Crediting: It's not what you can remove, it's what you can prove! (.5 PDH) \_\_\_\_
- Risk-Based Treatment Targets for Water Reuse: State of the Science (.5 PDH) \_\_\_\_

#### Onsite & Decentralized Water Reuse Systems III

- Environmental Impact and Cost Implications of a Shifting LRT Landscape (.5 PDH) \_
- Collaborating to Build a Decentralized Water Reuse System in Texas (.5 PDH) \_\_\_\_
- From the Lab to Commercialization: An Onsite Water Recycling System (.5 PDH) \_\_\_\_

#### Climate Resiliency & Adaption: Groundwater Sustainability

- Pinellas County's Reuse Expansion Unlocking the Potential of Underground Injection (.5 PDH) \_\_\_\_
- Nature-Based Reuse and Groundwater Recharge: The 4G Ranch Wetlands (.5 PDH)
- Protecting Florida's Environment: Sarasota County's Bee Ridge WRF AWT Conversion (.5 PDH) \_\_\_\_

#### Water Reuse Planning & Management: Success Stories

- Central Ohio Water Study Informs Planning and Role of Reuse (.5 PDH) \_\_\_\_
- Leveraging Research and Innovation into HRSD's Nansemond SWIFT Facility Procurement (1 PDH) \_\_\_\_

#### Water Reuse Policy: Drivers and Funding

- Discharge Avoidance: Emerging Driver for Potable Reuse in the West (.5 PDH) \_\_\_\_
- Funding for Reuse Projects (.5 PDH) \_\_\_\_
- Key Funding Strategies for Water Reuse Projects (.5 PDH) \_\_\_\_

#### Water Reuse & Emerging Contaminants: PFAS (Concurrent)

- **CANCELLED:** EPA Update: Applications for Non-Potable Reuse Less Impacted by PFAS
- Managing PFAS Through a Carbon-Based Reuse Facility (.5 PDH) \_\_\_\_
- The Art of PFAS-Destruction in Reuse: Not a One-Size-Fits-All Approach (.5 PDH) \_

# 40TH ANNUAL WATER REUSE SYMPOSIUM

## PDH REQUEST FORM

### Water Reuse Education & Outreach III

- Good, Bad, and Ugly of Comms (.5 PDH) \_\_\_\_
- We Know Water Reuse, How Do We Teach Others (.5 PDH) \_\_\_\_
- Using VR Experiences to Change Public Perceptions About AWP (.5 PDH) \_\_\_\_

Total PDHs for March 17<sup>th</sup> : \_\_\_\_

### **Tuesday, March 18, 2025**

#### **Session A | 9:30am – 10:30am**

##### Research, Innovation, & Technology I

- Implementing a National Research Priority Navigator for Water Reuse (1 PDH) \_\_\_\_

##### Innovative Approaches to Water Recycling I (Concurrent)

- Water Reuse: The Past, Present and Future (.5 PDH) \_\_\_\_
- Perspectives on Reuse Drivers from the West, East, and South (.5 PDH) \_\_\_\_

##### Onsite & Decentralized Water Reuse Systems IV (Concurrent)

- Accelerating the Implementation of Decentralized Water Systems (.5 PDH) \_\_\_\_
- Legislation and Implementation, Florida has embraced Reuse (.5 PDH) \_\_\_\_

##### Climate Adaptation: Environmental Restoration

- Advanced Water Recycling Technologies - Transforming Urban Infrastructure into Sustainability Engines (.5 PDH) \_\_\_\_
- OASIS Water Resource Center (.5 PDH) \_\_\_\_

##### Water Reuse Leadership: Resources for Elected Officials & Senior Management I

- Quantifying the Broader Economic Benefits of Recycled Water Projects (1 PDH) \_\_\_\_

##### Water Reuse Operations I

- How Model Codes Need to Change to Promote Water Reuse (.5 PDH) \_\_\_\_
- Cape Coral Sets the Standard for Water Reuse Management (.5 PDH) \_\_\_\_

##### Innovations in Potable Reuse I (Concurrent)

- From Concept to Consumption: Piloting Pathways for Potable Reuse (1PDH) \_\_\_\_

##### Innovations in Industrial Reuse I (Concurrent)

- Seriously! Industrial Reuse in Newton County, Georgia? (.5 PDH) \_\_\_\_
- Balancing Industrial Reuse in Marysville: How TDS Can Govern Supply (.5 PDH)

# 40TH ANNUAL WATER REUSE SYMPOSIUM

## PDH REQUEST FORM

### Session A | 11:00am – 12:00pm

#### Research, Innovation, & Technology II

- Water Reuse Consortium (1 PDH) \_\_\_\_

#### Innovative Approaches to Water Recycling II)

- A Circular Water Society: Graywater Recycling (.5 PDH) \_\_\_\_

#### Onsite & Decentralized Water Reuse Systems V

- Changing the Paradigm: Waterborne Pathogen Prevention's Impact on Water Reuse (.5 PDH) \_\_\_\_
- Water Reuse System for Park Irrigation on East Coast (.5 PDH) \_\_\_\_

#### Climate Adaptation: Stormwater Capture & Reuse I

- Capturing Stormwater to Enhance Water Supply: Framework that Addresses Barriers (.5 PDH) \_\_\_\_
- Orlo Vista Integrated Water Resource Project (.5 PDH) \_\_\_\_

#### Water Reuse Operations II (Concurrent)

- Developing a Nimble Treatability Investigation Program from the Ground Up (.5 PDH) \_\_\_\_
- Quantitative Microbial Risk Assessment for Lake Mead De Facto Reuse (.5 PDH) \_\_\_\_

#### Innovations in Potable Reuse II

- Comparing Conventional and LED-Based UV Advanced Oxidation for Water Reuse (.5 PDH) \_\_\_\_
- TDS Reduction without RO? Introducing XBAT a new Paradigm in Advanced Purification (.5 PDH) \_\_\_\_

#### Water Reuse Leadership: Resources for Elected Officials & Senior Management II

- Defining the Foundations: Best Practices to Building Water Reuse Programs (.5 PDH) \_\_\_\_
- Quantifying the Untapped Potential of Water Reuse in the U.S. (.5 PDH) \_\_\_\_

#### Innovations in Industrial Reuse II (Concurrent)

- Admin Controls: Edit Proposal Navigating ESG Reporting and the TBL Framework for Water Resilience (.5 PDH) \_\_\_\_
- Advancements in Accurate Chemistry and System Efficiency for Industrial Water Reuse (.5 PDH) \_\_\_\_

### Session B | 2:00pm – 3:00pm

#### Research, Innovation, & Technology III

# 40TH ANNUAL WATER REUSE SYMPOSIUM

## PDH REQUEST FORM

- Don't Waste a Drop! How Tech Helps Expand Reuse (.5 PDH) \_\_\_\_
- Treatability Studies of Source Water Blends for Raw Water Augmentation (.5 PDH) \_\_\_\_

### Onsite & Decentralized Water Reuse Systems VI

- Expanding Water Reuse in Single Family Homes (1 PDH) \_\_\_\_

### Climate Adaptation: Stormwater Capture & Reuse II

- Realizing the Untapped Potential of Stormwater (1 PDH) \_\_\_\_

### Water Reuse Operations III

- Innovation in MBR Biological Design and Impacts on Reuse Programs (.5 PDH)
- Thinking Abnormally: A New Way to Look at RO Data (.5 PDH)

### Innovations in Potable Reuse III

- Potable Reuse Regulations Across the Country: Welcome to the Party! (1PDH) \_\_\_\_

### Innovations in Industrial Reuse III

- Enabling the Use of Recycled Water Use in Direct Evaporative Cooling Systems (1 PDH) \_\_\_\_

### Water Reuse Leadership: Resources for Elected Officials & Senior Management III

- Embrace Innovation, Empower Progress: Communication Strategies to Inspire Technological Advancement PDH
- Listen, Learn, Lead - How Elected Benefit by Visiting Purification Facilities PDH \_

### **Session B | 3:30pm – 5:00pm (1.5 hrs)**

### Research, Innovation, & Technology IV

- Innovative Counter-Current Foam Fractionation for PFAS Removal and Water Reuse (.5 PDH) \_\_\_\_
- Real-Time Detection of Volatile Organic Compounds in RO-Based Potable Reuse (.5 PDH) \_\_\_\_
- Toxic Byproducts During UV-Chlorine and UV-Hydrogen Peroxide for Potable Reuse (.5 PDH) \_\_\_\_

### Water Reuse Social & Economic Impacts

- Harnessing Collective Action to Advance Social Equity in Water Reuse (1 PDH)
- Rising to the Occasion: Preparing Your Workforce for Potable Reuse (.5 PDH)

### Onsite & Decentralized Water Reuse Systems VII (Concurrent)

- Pilot-scale Membrane Bioreactor – Membrane Distillation for Potable Water Reuse (.5 PDH) \_\_\_\_
- Carrefour de l'eau - Integrated Water Hub (1 PDH)

# 40TH ANNUAL WATEREUSE SYMPOSIUM PDH REQUEST FORM

## Wetlands and Water Reuse

- Research Supporting Urban Wetland Restoration as a New Beneficial Use (.5 PDH) \_\_\_\_
- Envisioning the Fairfield-Suisun Community Treatment Wetland Project (.5 PDH) \_\_\_\_
- 10-Years Running: Florida's Largest Reclaimed Water to Wetlands Program (.5 PDH) \_\_\_\_

## Water Reuse Operations IV

- Getting Every Last "Drop" of Data Optimizing MAR Geochemical Characterization (.5 PDH) \_\_\_\_
- Membrane System Operation Challenges from Off-Spec Influent Water Quality (.5 PDH) \_\_\_\_
- San Diego Successfully Demonstrates 95% Recovery with 3-Stage Reverse Osmosis (.5 PDH) \_\_\_\_

## Innovations in Potable Reuse IV

- Innovative Brine Management (.5 PDH) \_\_\_\_
- DPR in San Diego (.5 PDH) \_\_\_\_
- Potable Reuse: The Future that We Made (.5 PDH) \_\_\_\_

## Innovations in Industrial Reuse IV (Concurrent)

- Municipal Wastewater for Power Generation: Lessons Learned from Current Users (.5 PDH)
- Water Reuse at RJ Reynolds in NC (.5 PDH) \_\_\_\_
- Real-Time Controls for Water Reuse at Allianz Field Soccer Stadium (.5 PDH) \_\_\_\_

Total PDHs for March 18<sup>th</sup> : \_\_\_\_\_

---

**Total PDH hours for Symposium:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Thank you for attending the 40th Annual WaterReuse Symposium!**

(In case of any inquiries, please contact Lucí Gutiérrez at [lgutierrez@watereuse.org](mailto:lgutierrez@watereuse.org))

