Puerto Rico Water & Environment Association
2027 ANNUAL CONFERENCE & TECHNICAL EXHIBITION
80 YEARS

CALL FOR ABSTRACTS 2027

April 5–6, 2027 | Puerto Rico Convention Center, San Juan

ABSTRACT SUBMITTAL DEADLINE: December 18, 2026

PRW&EA, a joint section of AWWA and WEF, invites professionals, researchers, utility and industry representatives, government agencies, consultants, students, and community organizations to submit abstracts for our Annual Conference & Technical Exhibition. The two-day program features Drinking Water (Day 1) and Wastewater (Day 2).

Share innovative solutions, applied research, and practical case studies from Puerto Rico, the United States, the Caribbean, Latin America, and beyond. Pharmaceutical and other industries, small and community systems, and organizations addressing water resources and environmental challenges are especially encouraged to participate.

Submission Guidelines

- **Deadline:** December 18, 2026**,**
- **Language:** English or Spanish
- **Length:** 300–350 words.
- **Acceptance notification:** January 29, 2027**.**

Include title, authors, affiliations, email, phone, topic area, and preferred day. Summarize the problem, approach, results or anticipated outcomes, and practical application. Case studies should identify lessons learned and measurable results when available. Evaluation considers technical quality, relevance, originality, practical value, and clarity. Presentations must be educational rather than promotional.

Submit your abstract via: https://forms.gle/67Xqc2MVAmm9Ai8P9

Suggested Topics by Day

Day 1 Drinking Water	Day 2 Wastewater
• **Treatment and public health:** Filtration, oxidation, disinfection, corrosion and manganese control, building water safety. • **Water quality and compliance:** PFAS, microplastics, lead and copper, microbial risks, other emerging contaminants, and drinking water standards. • **Distribution and community systems:** Leak detection, pressure, non-revenue water, aging infrastructure, asset management, and small-system operations.	• **Treatment and recovery:** Nutrient removal, biosolids, biogas, energy recovery, and process optimization. • **Collection and sanitation:** Inflow and infiltration, trenchless rehabilitation, decentralized treatment, and septic systems. • **Industrial and environmental compliance:** Pretreatment, industrial discharges, NPDES permitting, receiving-water contaminants, and environmental surveillance.

Integrated Topics Applicable to Either Day

- **Circular water economy and reuse:** Potable and non-potable reuse; industrial recirculation, cooling water and condensate recovery; local and international case studies.
- **Climate change, drought and water security:** Climate data and forecasting, conservation, rationing, alternative supplies, desalination, and science-based risk communication.
- **Infrastructure and energy resilience:** Hurricane and earthquake preparedness, service continuity, backup power, solar, batteries, microgrids, and energy efficiency.
- **Watersheds, aquifers, rivers and sediment:** Source protection, groundwater management and recharge, reservoir sedimentation, dredging, erosion, and source-to-sea planning.
- **Coastal systems and ecosystem restoration:** Stormwater, flooding, sea-level rise, salinity intrusion, coral reefs, biodiversity, wetlands and mangroves, and nature-based solutions.
- **Digital water and decision support:** AI, SCADA, sensors, smart metering, digital twins, drones, predictive maintenance, and cybersecurity.
- **Finance, governance and people:** Funding, affordability, project delivery, workforce development, environmental justice, community engagement, and water education.

Other relevant topics are welcome. Integrated topics may be assigned to either day.

Questions: seminars@prwea.org