



# Puerto Rico

Water & Environment Association

A Section of the American Water Works Association  
And the Water Environment Federation

## PRW&EA Annual Conference & Technical Exhibition

27-28 February 2024

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# PRW&EA Annual Conference & Technical Exhibition

**27-28 February 2024**

**Wyndham Grand Rio Mar Golf & Beach Resort  
Rio Grande, Puerto Rico**

**PRW&EA  
2024  
Annual  
Conference  
& Technical  
Exhibition**

**Wyndham Grand  
Rio Mar  
Rainforest  
Beach &  
Golf Resort**

**6000 Rio Mar  
Boulevard  
Rio Grande  
PR 00745-6100**

**(787)-888-6666**

**PRW&EA Contacts:**

**\*Odalis de la Vega  
787-900-9737**

**\* Jorge Reyes  
787-646-8645**

It is time again for the ***Puerto Rico Water & Environment Association Annual Conference and Technical Exhibition.***

PRW&EA Invites you to attend the 2024 PRW&EA Annual Conference and Technical Exhibition on February 27 and 28 at the Wyndham Grand Rio Mar Rainforest Beach & Golf Resort in Rio Grande, Puerto Rico. Join hundreds of water quality professionals from the public and private sector for the best water, wastewater and environmental seminars and technical exhibitions in Puerto Rico. This is an excellent opportunity to stay up-to-date with the latest regulations, upcoming technologies, and research, as well as catching up with water quality professionals.

The program will consist of several workshop and seminars for water, wastewater and environmental professional in the public and private sector as well as concern citizens and other interested groups. It is design to allow you to switch between the concurrent session to maximize your exposure to the topics being covered. The technical exhibitions will help you develop quality business relationships with the key professionals throughout the drinking water, wastewater and environment fields.

Take advantage of this excellent opportunity to be part of the largest environmental services and equipment focused technical exhibition in Puerto Rico. Booths will be assigned on a "first-come, first-served", so do not delay in reserving your space. If you are interested in exhibiting, we will soon be sending all the necessary information and you can reserve the space on time. If you want more information you can contact Jorge Reyes at 787-646-8645.

The Hotel group reservation will also be held at the Wyndham Grand Rio Mar Rainforest Beach & Golf Resort. Hurry and make your reservations on or before January 15, 2024, to get the special rates, by internet at the link .

Also, you can calling directly the resort at (787) 888-6000. Make sure to mention that you will be attending the PR Water & Environment Convention to obtain the special group rate. The special rate applies only to participants of the PRW&EA conference and their companions. The Room rates are **\$299.00 per night, plus taxes and resort fee**. Reservations are subject to availability.

**For more information please call at: 787-962-8788 / 787-708-6464 or  
registro.ootbs@gmail.com**

**For seminars registration, please click in the link below:**

**<https://forms.gle/fSqYCLV51yDCtRoe9>**

**Martes, 27 de Febrero de 2024**

Hours		Room # 1	Room # 2	Room # 3	Room # 4
8:30 AM	9:15 AM	<b>PLENARIA</b> <b>Ing. Doriel Pagán - AAA</b>			
9:15 AM	10:00 AM	One year without PFAS: Lessons Learned from Operation of a 44 MGD Advanced Treatment System <b>ADAM FEFFER</b> <b>B&amp;V</b>	Technical, Managerial, and Financial Assessment of Non-PRASA Community Aqueducts: Project Overview 2022-2023, <b>CRISTINA MALDONADO</b> <b>EPA</b>	Carraízo Reservoir Sediment Management Study: Securing Water Supply Reliability for the San Juan Metropolitan System, <b>PHOEBE ARON</b> <b>HAZEN AND SAWYER</b>	Water Balance Methodology, <b>ARNALDO COLÓN</b> <b>AAA</b>
10:00 AM	10:30 AM	<b>BREAK AT THE EXPO</b>			
10:30 AM	11:15 AM	De plásticos y microplásticos en el océano y su litoral: Origen, impactos y algunas soluciones DR. <b>JORGE BAUZA</b> <b>SAN JUAN BAY NATIONAL ESTUARY PROGRAM</b>	Funding to Mitigate Disasters with “FedFunds” <b>GENIE HERNANDEZ</b> <b>EPA</b>	Planning the Puerto Rico Water Infrastructure Facing the Climate Changes <b>PULLY TORRES</b> <b>TORRES-ROSA CONSULTING ENGINEERS</b>	Virtual DMA, <b>ARNALDO COLÓN</b> <b>AAA</b>
11:15 AM	12:00 PM	Poly-and perfluoroalkyl substances (PFAS) in wastewater: from sources to remediation <b>DR. RAFAEL A. RÍOS</b> <b>UPR - RIO PIEDRAS</b>	Programa de Fondo Rotatorio Estatal de Agua Limpia: Nuevas Oportunidades de Financiamiento, <b>JAVIER VERARDI</b> <b>DRNA</b>	The development of La Plata Watershed - A solution to water shortage in the Puerto Rico Metropolitan Area, <b>PULLY TORRES</b> <b>TORRES-ROSA CONSULTING ENGINEERS</b>	Automatic Meter Infrastructure, <b>ARNALDO JIMENEZ</b> <b>AAA</b>
12:00 PM	2:00 PM	<b>ALMUERZO Y PREMIACIONES - AWWA</b>			
2:00 PM	2:45 PM	Potential Implications of PFAS Regulations and Management on Drinking Water Treatment in Puerto Rico, <b>ERIC ROSENFELDT</b> <b>HAZEN AND SAWYER</b>	Asistencia a Sistemas Privados de Agua Potable y Aguas Usadas: Atendiendo una Área Crítica, y Típica en Sistemas Rurales y Comunitarios, <b>CARLOS VELÁZQUEZ</b> <b>RCAP Solutions</b>	Case Study: Dorado/Vega Alta Water System Optimization, <b>LEIDY COLLAZOS</b> <b>JACOBS</b>	Rebuilding from Hurricane María, <b>JOEL LUGO</b> <b>AAA</b>
2:45 PM	3:00 PM	<b>BREAK AT THE EXPO</b>			
3:00 PM	3:45 PM	Seven Habits of Highly Effective PFAS Source-Trackers, <b>DR. LAURA RODRIGUEZ</b> <b>CAROLLO ENGINEERS</b>	A Data Pipeline for Pipeline Data: LCRR Data Management Solutions, <b>VISHAKHA KAUSHIK</b> <b>ARCADIS</b>	The Trouble with Safe Yield: Embracing Uncertainty with Risk-Based Water Supply Planning, <b>DR. W. JOSHUA WEISS</b> <b>HAZEN AND SAWYER</b>	Hidráulica Avanzada, <b>ARNALDO COLÓN</b> <b>AAA</b>
3:45 PM	4:30 PM	Scenarios for PFAS Destruction at Municipal Scale Water Treatment Facilities, <b>BRENT ALSPACH</b> <b>ARCADIS</b>	Horizontal Directional Drilling of 7 miles of Large Diameter Forcemain Through Downtown Fort Lauderdale, <b>ORLANDO CASTRO</b> <b>HAZEN AND SAWYER</b>	Rehabilitation of the Santa Isabel WWTP, a model for PRASA’s Future in Infrastructure Sustainability and Resilience, <b>HANS X. FIGUEROA</b> <b>CSA GROUP</b>	Uncapped Heroes, <b>TOMÁS DIAZ</b> <b>AAA</b>
4:30 PM	6:30 PM	<b>SOCIAL RETREAT</b>			

Program subject to change. Submitted for CIAPR continuing education hours

**Miércoles, 28 de Febrero de 2024**

Hours		Room # 1	Room # 2	Room # 3	Room # 4
8:30 AM	9:15 AM	<b>PLENARIA</b> Kishia Powell - WSSC Water			
9:15 AM	10:00 AM	Removal of atrazine by adsorption processes and water quality analysis of surface water bodies in the western region of Puerto Rico <b>DR. PEDRO TARAFÁ</b> UPR-Mayaguez	Integrating Green and Gray Infrastructure Solutions to Combat Compound Flood Hazards in Urban Islands, <b>DR. FELIX L. SANTIAGO COLLAZO</b> UNIVERSITY OF GEORGIA	Goal Zero: How A Smart Meter Can Autonomously Find Leaks in your Distribution Network, <b>JOSE MENA</b> KAMSTRUP	Modelaje Hidráulico, <b>ARNALDO COLÓN</b> AAA
10:00 AM	10:30 AM	<b>BREAK AT THE EXPO</b>			
10:30 AM	11:15 AM	Lead and Copper Rule Improvements, <b>ZAHIRA TIESO TOSADO</b> ARCADIS	Assessment of River Geomorphologic for Infrastructure Resilience, <b>EMANUEL MORENO</b> UPPR	How Headworks Screening Effectiveness Can be Improved for Plant Efficiency Gains, <b>JAMES WILLSON</b> SAVECO	Delta Squad, <b>ARNALDO JIMENEZ</b> AAA
11:15 AM	12:00 PM	Considerations for Preparing / Achieving Low Nutrient Removal Levels in WWTPs, <b>LUCAS BOTERO</b> B&V	Integrating Green and Gray Infrastructure for Stormwater Management and Flood Risk Reduction, <b>ANNA BRAS</b> ARCADIS	Soluciones en el Mercado Municipal de Aguas alineadas con el Enfoque de los Cuatro (4) Pilares del AWWA al Control de Perdidas Reales de Agua, <b>LUIS J. CUERDA</b> TOMAS CUERDA	Internet de las Cosas IOT, <b>ARNALDO COLÓN</b> AAA
12:00 PM	2:00 PM	<b>ALMUERZO Y PREMIACIONES - WEF</b>			
2:00 PM	2:45 PM	La Regla de Plomo y Cobre (LCRR): Los Conceptos Básicos, Las Revisiones, El Inventario de las Líneas de Servicio & Las Mejoras Propuestas, <b>ARIEL ROSA</b> RCAP Solutions	Stormwater Management in Construction Projects, <b>JANICE ADORNO</b> CPM	Designing a successful Chemical Feed system, <b>CHAD KLOFT</b> ENDRESS AND HAUSER	Balancing the Equation, <b>TOMÁS DIAZ</b> AAA
2:45 PM	3:00 PM	<b>BREAK AT THE EXPO</b>			
3:00 PM	3:45 PM	The Science of Mixing and Improving Water Quality in Water Storage Tanks, <b>JEFFREY KELLY</b> RED VALVE	Effective Removal of Solids from Fats/Oils/Grease to Increase Beneficial Reuse, <b>JAMES WILLSON</b> ENVIRO CARE	Minimal liquid discharge (MLD) processes, <b>KELLE ZEIHNER</b> GARRAT CALLAHAN	I'm not a dumpster, <b>TOMÁS DIAZ</b> AAA
3:45 PM	4:30 PM	Maintenance Free Operations for Waste Sludge Processing, <b>JEFFREY KELL</b> RED VALVE	Chlorine: Monitoring Tools for Better Disinfection, <b>EMMA ROGER</b> TRINOVA	THM, NTU, Mn, CRYPTO, WATER REUSE, AUTOMATION CONTROL ON A SINGLE PLATFORM, <b>CARLOS GONZALEZ</b> GIT	ROC Hidráulico, <b>ARNALDO COLÓN</b> AAA
4:30 PM	6:30 PM	<b>SOCIAL RETREAT</b>			

Program subject to change. Submitted for CIAPR continuing education hours

# Exhibit Details:

## Exhibit Space Reservation Information

### Exhibit Space Details:

Each regular (8' x 8') space will be provided with the following:

- Eight feet (8'-0') high backdrop drapery and 36" side rail drapery. (often referred to as "pipe and drape")
- One (1) table, two (2) chairs
- Exhibition area free admission

Each premium (8' x 10') space will be provided with the following:

- Eight feet (8'-0') high backdrop drapery and 36" side rail drapery. (often referred to as "pipe and drape")
- One (1) table, two (2) chairs
- Exhibition area free admission

### Shipping and Logistic:

Contact Person: Rebecca Castro  
Phone: 787-888-6000 ext. 6611  
Cell Phone: 787-585-0979  
email: [Rebecca.castro@wyndhamriomar.com](mailto:Rebecca.castro@wyndhamriomar.com)  
Address: Wyndham Grand Rio Mar Rainforest Beach and Golf Resort  
6000 Rio Mar Boulevard  
Rio Grande PR 00745

### Exhibition Hours:

Tuesday, February 27, 2024: 8:00 am – 5:00 pm  
Wednesday, February 28, 2024: 8:00 am – 5:00 pm

### Move-In / Set - Up Hours:

Monday, February 26, 2024: 1:00 pm – 9:00 pm  
Exhibit space must be set up.

### Move-Out / Teardown Hours:

Wednesday, February 28, 2024: 5:00 pm – 9:00 pm.  
Teardown can begin at close of the exhibition.



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## **2024 CONFERENCE EXHIBITOR LIST**

**\* ORENCO WATER \* BADRENA & PEREZ \*  
ANDRITZ \* AQUA MECHANICS \* BOERGER, LLC \*  
CORTES INDUSTRIAL ORGANIZATION \* ETAG  
CORPORATION \* PHOENIX INDUSTRIAL \* SHERWIN  
WILLIAMS \* ENGINEERED PARTS AND SERVICES \*  
AQUA PAK \* UNIVERSAL STEEL \* PSD \* INECO \*  
TONKA \* ELJEN \* VENTOR \* ECR ENGINEERING \*  
AMERICAN IRON \* ENDRESS & HAUSSER \*  
PROMINENT \* ALLIED TRENCHLESS \* ARCADIS \*  
TOMAS CUERDA INC. \* CARATINI AND SONS \*  
PRIME CONTROLS \* SANI PLANT \* EXCELLENT  
ENGINEERING \* AQUATECH \* JP INDUSTRIAL \* CLASSIC  
CONTROLS \* US ENV. PROTECTION AGENCY (USEPA) \*  
\* PR AQUEDUCT SEWER AUTHORITY**