



TURNING the TIDE TOWARD WATER REUSE

MARCH 16-19
JW MARRIOTT TAMPA
WATER STREET

IN PARTNERSHIP WITH THE WATER RESEARCH FOUNDATION

SYMPOSIUM SCHEDULE



Session aligns with National Water Reuse Action Plan (WRAP) efforts.

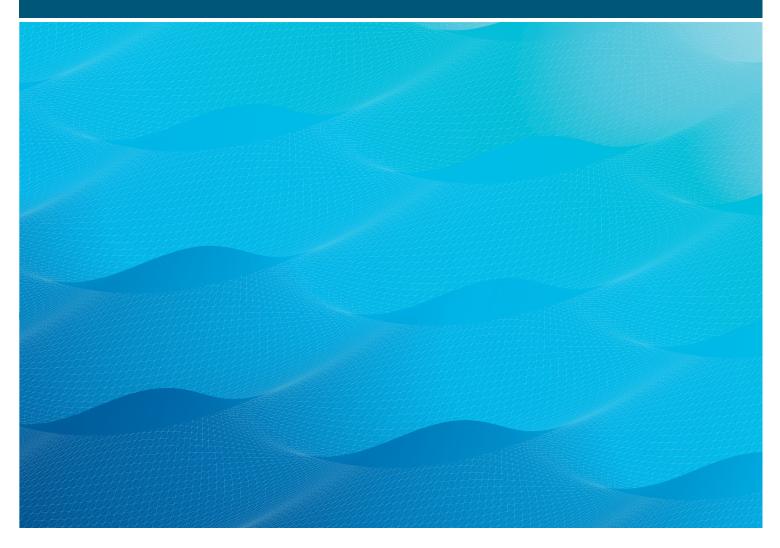


Session aligns with The Water Research Foundation (WRF) efforts.



For full session descriptions and the latest changes, visit our online program at the QR code below or watereuse.org/schedule.





SUNDAY, MARCH 16

SEE SUNDAY SESSION DETAILS >



8:00 AM-12:00 PM

EDUCATOR WORKSHOP: TURNING TIDES TOWARD A SUSTAINABLE WATER FUTURE YBOR I-III

ModeratorShea Dunifon, JEA

PRESENTED BY



Applications of UV-AOP for Water Reuse

YBOR IV

Moderator: Fred Gerringer, Brown and Caldwell WORKSHOP

Communications Intensive

YBOR I-III

WORKSHOP

Water Reuse 101: Part I The Nonpotable Water Reuse Journey

H.B. PLANT A-B

WORKSHOP

Building Transformative
Partnerships & Fostering Successful
Interagency Reuse Projects:
Part I

H.B. PLANT C-D

30 P

Track
Presented by:



Diving into the Details: Applying UV-AOP to Meet Reuse Objectives

> Todd Elliot, Jacobs; Ron Hoffman, University of Toronto; Erin Mackey, Brown and Caldwell

Moderator:

Stephanie Ishii, Hazen and Sawyer

What's in a Name? To Brand or Not to Brand

Brent Eidson, Katz & Associates

Effective Outreach

in Florida

Megan Drummy, Hazen and Sawyer; Robyn Felix, Southwest Florida Water Management District; Shea Dunifon, JEA; Tamara Richardson, Polk County Utilities Sponsored by:



Moderator:

Larry Morris, Kubota

Shelly Ann Aiken,

PepsiCo (invited); Melanie Holmer, Jacobs; Kerry Kates, Orange County, FL; Molly Klinepeter, City of Lakeland; Pranjali Kumar, Carollo; Rich Petrosino, NSU

CONTINUES AFTER BREAK

Presented by:

The Water Research Foundation

Panel

Felicia Marcus, Stanford; Eric Rosenblum, Water Resource Consultant; Shannon Spurlock, Pacific Institute; Rick Warner, Jacobs

CONTINUES AFTER BREAK



2:30 PM

Monitoring the Dynamic Water Quality of UV/CI2 AOP Systems

> Ryan Popko, JEA; Bryan Townsend, Black & Veatch

SUNDAY, MARCH 16

3:00 PIM

P

4:00

4:30 PM

5:00 PM - 6:30 PM

NETWORKING BREAK – TAMPA BAY FOYER, 4TH FLOOR

Water Reuse in Florida

YBOR IV

Moderator: Christine Owen, Hazen and Sawyer

Reclaimed Water's Role in Resiliency – Yesterday, Today & Beyond

Sandra Anderson,
Pasco County Utilities;
Lisa Rhea,
Hillsborough County;
Jeremy Waugh,
Pinellas County;
John Palenchar,
City of St. Petersburg;
Rory Jones,
City of Tampa

Lessons in Water Reuse: Tampa's Path to Compliance & Collaboration

Sarah Burns and Brad Baird, City of Tampa Water Reuse Communications, Education, & Outreach

YBOR I-III

Moderator: Hye (Jay) Kwag, City of Plant City

Being Sewer Smart: It's Everyone's Responsibility!

Alyson Piguee, Ed Makowski, and Lucia Diaz, Inland Empire Utilities Agency

MOVIE SCREENING

Flowing Forward: From Mountaintop to Metropolis, Chasing LA's Water

Daniel Druhora and Adam Smith, University of Southern California



WORKSHOP

Water Reuse 101: Part II
Potable Reuse &
Protecting Public Health

H.B. PLANT A-B

WORKSHOP

Building Transformative Partnerships & Fostering Successful Interagency Reuse Projects: Part II

H.B. PLANT C-D

CONTINUED

Sponsored by:



Moderator: Larry Morris,

Larry Morris, Kubota

Ufuk Erdal,
Black & Veatch;
Alex Page,
Kennedy Jenks;
John Richardson,
Black & Veatch;
Troy Walker,
Hazen and Sawyer;
John Wuerth,
Eastern Municipal
Water District

CONTINUED

Presented by:

The Water Research Foundation

Panel

Felicia Marcus,
Stanford;
Eric Rosenblum,
Water Resource Consultant;
Shannon Spurlock,
Pacific Institute;
Rick Warner,
Jacobs



WELCOME RECEPTION
TAMPA BAY FOYER, 4TH FLOOR

Eat, drink, and meet water reuse practitioners from around the world.

SPONSORED BY



MONDAY, MARCH 17

SEE MONDAY SESSION DETAILS >



8:00 AM

BREAKFAST AND OPENING GENERAL SESSION – TAMPA BAY 5-9

WELCOME

- Mayor Jane Castor, City of Tampa
- Wilton Simpson, Florida Commissioner of Agriculture

KEYNOTE PRESENTATION

ADVENTURES AT SEA & THE BE WATER POSITIVE MOVEMENT

• Nick Moloney, CEO, Canada Ocean Racing

Nick Moloney is a two times America's Cup sailor. He has raced around the world three times in the world's most iconic yacht races. He is the holder of over fifteen world sailing speed and endurance records, including a Guinness World Record. While Nick's harrowing adventures at sea have included life or death moments, they also have deepened his respect for nature and given him a first-hand look at how the changing climate is impacting oceans around the world. Nick is currently engaged as the Campaign CEO and Performance Manager of the Be Water Positive Sailing Team. Nick's inspirational stories of taming the seas, punctuated with stunning videos and imagery, will illustrate how Earth's water can be both a mighty force and a limited resource.



Moderator

• Guillaume Clairet, Chief Operating Officer, H2O Innovation

Panelists 4 8 1

- Shannon McCarthy, Executive Director-Secretary General, International Desalination and Reuse Association
- Jason Morrison, President, The Pacific Institute
- Scott Shawyer, President, Skipper, Canada Ocean Racing
- Adrian Sym, Chief Executive Officer, Alliance for Water Stewardship

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Mayor Jane Castor



Nick Moloney

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NETWORKING BREAK – TAMPA BAY FOYER, 4TH FLOOR

Enjoy refreshments, connect with attendees, and meet the exhibitors.

POSTER SESSION 1 - YBOR/H.B. PLANT FOYER, 2ND FLOOR

- Breaking the Scale: Large Municipal & Industrial Case Studies in FR-RO Max Finder, ROTEC
- Evaluating MAR Well Performance in a Deep Coastal Plain Aquifer Rebecca Nardacci, Virginia Tech / HRSD SWIFT
- Funding Opportunities for Novel Water Reuse Technologies and Regional Water Studies from NAWI Peter Fiske, NAWI, Lawrence Berkeley National Laboratory
- Toho Water's Journey in Promoting Water Reuse Angela Perez, Toho Water Authority
- Towards a Unified PPCP Test List for Water Reuse Kevin Calcagno, Eurofins Eaton Analytical, LLC

10:3

MONDAY, MARCH 17

	Onsite & Decentralized Water Reuse Systems I TAMPA BAY 1 Moderator: Paula Kehoe, San Francisco Public Utilities Commission	Climate Resiliency & Adaption: Sustainability Planning TAMPA BAY 2 Moderator: John Kmiec, Tucson Water Department	Water Reuse Planning & Management TAMPA BAY 3 Moderator: Bohdan Bodniewicz, AECOM	Water Reuse Policy: Navigating Permitting Challenges in FL TAMPA BAY 4 Moderator: Pranjali Kumar, Carollo Engineers	Water Reuse & Emerging Contaminants I YBOR I-III Moderator: Greg Wetterau, CDM Smith	Water Reuse Education & Outreach I YBOR IV Moderator: Eric Rosenblum, Water Resource Consultant	Cultivation & Irrigation: Innovative Partnerships H.B. PLANT A-B Moderator: Shea N. Dunifon, JEA	Water Reuse Around the World I H.B. PLANT C-D Moderator: Hossein Ashktorab, Valley Water
11:00 AM	Navigating the Waters of Implementing Onsite Reuse Allison Good, Sherwood Design Engineers; Vincent Gruffat, Natural Systems Utilities	Comparing Carbon Footprints of Reuse Versus Traditional Treatment Plants Nationwide Mikael Amar and Merzak Belkhodja, Veolia North America	A District's Dynamic, Innovative Approach to Asset Maintenance & Planning Jessica Koop and Tom Knoell, Water Replenishment District	Implementing Florida's Potable Reuse Rule – Maximize Consumptive Use Permit Allocations Panel Pranjali Kumar and Mary Thomas, Carollo; Brian Armstrong, Southwest Florida	High-Impact Chemicals for Human Health Risk Mitigation in Potable Reuse Jessica Steigerwald, Southern Nevada Water Authority	Engaging Medical Professionals Panel Hossein Ashktorab, Valley Water; Michael McNutt, Las Virgenes Muncipal Water District; Christina Montoya- Halter,	Two Cities; One Vision: A Successful Beneficial Reuse Project Thomas Nogaj, Stantec; Jeff Pearson, City of Cape Coral	Global Trends in Potable Reuse: Bringing the Map to Life! Danielle Francis, Water Services Association of Australia
11:30 AM	Understanding NSF/ANSI 350 & How It Enables Onsite Reuse Derek DeLand, NSF	Water Positive: Optimize Membrane Performance to Reuse More, Deplete Less Mohannad Malki, American Water Chemicals	Navigating NextGen Water Workforce Development: Innovative Training & Recruitment Strategies Kristan VandenHeuvel, The Water Tower Global Innovation Center	Mater Management District; Mary Ellen Winkler, St. Johns River Water Management District; Mark Elsner, South Florida Water Management District; Lynn Spivey, City of Plant City	When Is 14/12/12 Pathogen LRV Not Enough? Alyssa Massais and David MacNevin, CDM Smith	El Paso Water Utilities; Hector Ocaranza, El Paso City/ EPWater; Bart Weiss, Hillsborough County Public Utilities		UK Moves to Integrate Water Reuse to Overcome Supply Pressures Paul Zuber and Kenneth McGibbon, Mott MacDonald

WATEREUSE ANNUAL MEETING & AWARDS CEREMONY

TAMPA BAY SALON 5-9

Join us at noon for a networking lunch, followed by the program at 12:30.

PRESIDENT'S ADDRESS

Bart Weiss, Chief Officer for Innovation and Resiliency, Hillsborough County Public Utilities; WateReuse Association President

STATE OF THE ASSOCIATION

Patricia L. Sinicropi, Executive Director, WateReuse Association

2025 WATEREUSE AWARDS FOR EXCELLENCE

Beverley Stinson, PhD, Executive Vice President, AECOM; WateReuse Board of Directors Awards Committee Chair

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12:00 PM

MONDAY, MARCH 17

Onsi Decent Water Syste TAMPA Mode Austa I	ralized Reuse ems II A BAY 1 erator: Parker,	Climate Resiliency & Adaption: Nature-Based Treatment Strategies TAMPA BAY 2 Moderator: Amanda Schwerman, Black & Veatch	Water Reuse Planning & Management: Regional Solutions TAMPA BAY 3 Moderator: Shannon Spurlock, Pacific Institute	Water Reuse Policy: Federal Outlook TAMPA BAY 4 Moderator: John Freedman, Veralto	Water Reuse & Emerging Contaminants II YBOR I-III Moderator: Marya Redmond, Carollo Engineers	Water Reuse Education & Outreach II YBOR IV Moderator: Susheera Pochiraju, Hazen and Sawyer	Cultivation & Irrigation: Strategies for Nonpotable Reuse I H.B. PLANT A-B Moderator: Allegra K. da Silva, Brown and Caldwell	Water Reuse Around the World II H.B. PLANT C-D Moderator: Zohreh Movahed, WATEK Engineering Corporation
It's Le Now V Challen Onsite R Color Brandi Ho CDP Damian and Kati Denver	What? nges for Reuse in rado oneycutt, PHE; Higham ie Spahr,	Piloting Ozone-Treatment Wetlands For Regional Water Reuse in Northeast Florida Rafael Vazquez-Burney, Jacobs; Ryan Popko, JEA	Fostering Leadership & Collaboration to Scale Regional Water Reuse Solutions Shannon Spurlock, Pacific Institute; Rick Warner, Jacobs; Bart Weiss, Hillsborough County Public	Federal Policy Update Greg Fogel, WateReuse Association; Nathan Gardner- Andrews, NACWA; Ana D. Schwab, Best Best & Krieger	Surfactant Transformation & Fate During Oxidation Processes for Wastewater Reuse Damien Redder, University of Utah	Does It Matter How My Reuse Water Tastes? Kevin Linder, Aurora Water; Christy Spackman, Arizona State University	A Collaborative Approach to Recycled Water Expansion in French Valley John Wuerth, Eastern Municipal Water District	Mutual Benefits of International Collaboration in Water Reuse Amos Branch, John Rehring, and Andrew Salveson, Carollo; Danielle Francis, Water Services Association of Australia; Yasuhiro Matsui,
Z:30 FW		Seasonal Water Quality Improvements Through a Pilot Infiltration Treatment Wetland Christopher Allen, Plummer	Utilities; Robert Zammataro, JEA		Investigating 1,2,3- Trichloropropane Formation in Sequential Disinfection – Fact or Fiction? Preeti Ghuman, Los Angeles County Sanitation District		Concentrate Management via Public Access Reuse: Drivers, Regulations, & Sensitivities Carlyn Higgins, Hazen and Sawyer	Yokogawa

NETWORKING BREAK – TAMPA BAY FOYER, 4TH FLOOR

Enjoy refreshments, connect with attendees, and meet the exhibitors.

POSTER SESSION 2 – YBOR/H.B. PLANT FOYER, 2ND FLOOR

- A Phased Approach to Successful DPR Piloting Angel Villarruel-Moore, Carollo Engineers
- Abiotic Nitrogen and Phosphorus Removal in Onsite Water Reuse Systems Robert Bair, University of South Florida; Cynthia Castro, Wade Trim
- Direct Membrane Filtration of Wastewater for Reuse Hsiang-Yang Shyu, University of South Florida
- Evaluation of Adsorption and Biological Degradation Using Powdered Activated Carbon-Ballasted Membrane Bioreactor for Advanced Water Treatment Madison Millspaugh, HRSD
- Machine Learning Model to Predict Biofiltration TOC Removal Yoko Koyama, Carollo Engineers

3:00

M	MONDAY, MARCH 17								
	Onsite & Decentralized Water Reuse Systems III TAMPA BAY 1 Moderator: Rick Petrosino, Natural Systems Utilities	Climate Resiliency & Adaption: Groundwater Sustainability TAMPA BAY 2 Moderator: Adam Corn, Garney	Water Reuse Planning & Management: Success Stories TAMPA BAY 3 Moderator: Wayne Young, JEA	Water Reuse Policy: Drivers & Funding TAMPA BAY 4 Moderator: Felicia Marcus, Stanford University	Water Reuse & Emerging Contaminants: PFAS YBOR I-III Moderator: Ralph Franco, Xylem	Water Reuse Education & Outreach III YBOR IV Moderator: April Coady, Eastern Municipal Water District	Cultivation & Irrigation: Strategies for Nonpotable Reuse II H.B. PLANT A-B Moderator: Jared Kinnear, Clean Water Services	Potable Reuse Policies & Research H.B. PLANT C-D Moderator: Tom Iseman, Veolia Water Technologies & Solutions	
3:30 PM	Environmental Impact & Cost Implications of a Shifting LRT Landscape Sam Arden, ERG	Pinellas County's Reuse Expansion Unlocking the Potential of Underground Injection Pete Larkin, ASRus, LLC; Dave Adams, Pinellas County Utilities	Central Ohio Water Study Informs Planning & Role of Reuse Tiffani Kavalec, Ohio EPA; Kathleen Smith, Hazen and Sawyer	Discharge Avoidance: Emerging Driver for Potable Reuse in the West John Rehring, Carollo Engineers; Megan Kelley, Aurora Water	EPA Update: Applications for Non-Potable Reuse Less Impacted by PFAS Justin Mattingly, U.S. EPA	Good, Bad, & Ugly of Communication for a \$1B Program Sara Katz, Katz & Associates	Successfully Meeting Irrigation Demand with Limited Supplies Danny Nelson, Tetra Tech; Jeff Pearson, City of Cape Coral	Advancing Direct Potable Reuse Worldwide: The Impact of Regulations on Implementation Anya Kaufmann, Trussell Technologies	
4:00 PM	Collaborating to Build a Decentralized Water Reuse System in Texas Laura Meadors, Apple; Miles Ownby and Bob Salvatelli, H20 Innovation	Nature-Based Reuse and Groundwater Recharge: The 4G Ranch Wetlands Allison Lewis, Jacobs	Leveraging Research & Innovation into HRSD's Nansemond SWIFT Facility Procurement Lauren Zuravnsky and Christopher Wilson, HRSD; Tracy Lewis, Tetra Tech;	Funding for Reuse Projects Emily Platt, Carollo Engineers	Managing PFAS Through a Carbon-Based Reuse Facility Tyler Nading, Jacobs	We Know Water Reuse, How Do We Teach Others Yanice Mercado, CDM Smith; Beth Motschenbacher, Palm Beach County Water Utilities Department	Mitigating Antimicrobial Resistance in Irrigated Agriculture Using Biocha r-Based Polishing Technologies Ananda Bhattacharjee, University of South Florida	Pathogen Reduction Crediting: It's Not What You Can Remove, It's What You Can Prove! Matthew Verbyla, San Diego State University	
4:30 PM	From the Lab to Commercialization: An Onsite Water Recycling System Daniel Yeh, University of South Florida	Protecting Florida's Environment: Sarasota County's Bee Ridge WRF AWT Conversion Gregory Rouse, Sarasota County; Brett Carner, Garney Construction	letra lech; Matt McKinnon, Garney Construction; Adam Werner, AECOM	Key Funding Strategies for Water Reuse Projects John Dorman, AECOM	The Art of PFAS-Destruction in Reuse: Not a One-Size- Fits-All Approach Susheera Pochiraju and Conner Murray, Hazen and Sawyer	Using Virtual Reality Experiences to Change Public Perceptions about AWP Claire Lauer and Susan Craig, Arizona State University	Membrane Bioreactors for Agricultural Resource Recovery & Reuse Kelsey Vought, Kennedy Jenks	Risk-Based Treatment Targets for Water Reuse: State of the Science Sharon Nappier and Michael Jahne, U.S. EPA	
5:00 PM - 6:00 PM								HD3	





TUESDAY, MARCH 18

SEE TUESDAY SESSION DETAILS >



8:00 A

BREAKFAST PLENARY: ENSURING SUCCESS – A CONVERSATION WITH ELECTED OFFICIALS – TAMPA BAY SALON 5-9



Moderator

• Beverley Stinson, Executive Vice President, AECOM

Presenters

California

- Jay Lewitt, Board Vice President & MWD Representative, Las Virgenes Municipal Water District (CA)
- David Pedersen, General Manager, Las Virgenes Municipal Water District (CA)
- Bill McDaniel, City Manager, City of Plant City (FL)
- Lynn Spivey, Director of Utilities, City of Plant City (FL)

Oregon

- Roy Rogers, Commissioner (Retired), Washington County (OR)
- Jack Liang, Chief Business Operations Officer, Clean Water Services (OR)

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	Onsite & Decentralized Water Reuse Systems IV TAMPA BAY 1 Moderator: Zeynep Erdal, Black & Veatch	Water Reuse Operations I TAMPA BAY 3 Moderator: Melanie Holmer, Jacobs	Water Reuse Leadership: Resources for Elected Officials & Senior Management I TAMPA BAY 4 Moderator: Vijay Sundaram, AECOM	Innovations in Potable Reuse I YBOR I-III Moderator: Troy Walker, Hazen and Sawyer	Innovations in Industrial Reuse I YBOR IV Moderator: Matthew Silver, Cambrian	Research, Innovation, & Technology I H.B. PLANT A-B Moderator: George Kajjumba, The Water Research Foundation	Climate Adaptation: Environmental Restoration TAMPA BAY 2	Innovative Approaches to Water Recycling I H.B. PLANT C-D Moderator: Kristan Vanden- Heuvel, The Water Tower
9:30 AM	Accelerating the Implementation of Decentralized Water Systems Jay Garland, U.S. EPA; Paula Kehoe, San Francisco Public Utilities Commission	How Model Codes Need to Change to Promote Water Reuse Lisa Reiheld, International Code Council	Track Sponsored by A=COM Quantifying the Broader Economic Benefits of Recycled Water Projects Panel Vijay Sundaram, AECOM; Janet Clements, One Water Econ; Katie Spahr, Denver Water; Shannon Spurlock, Pacific Institute; Nik Carlson, AECOM	From Concept to Consumption Panel Lynn Spivey, City of Plant City; Ryan Popko, JEA; Mario Bautista, Water Replenishment District of Southern California; Matthew Kennelly, LOTT Clean Water Services	Seriously! Industrial Reuse in Newton County, Georgia? Mike Hopkins, Newton County Water & Sewerage Authority; Burke Murph, Georgia Water & Environmental Services	Implementing a National Research Priority Navigator for Water Reuse Panel Miriam Hacker, Brown and Caldwell; Justin Mattingly, U.S. EPA; Mark Millan, Data Instincts; Eric Rosenblum, Water Resource Consultant	Advanced Water Recycling Technologies: Transforming Urban Infrastructure into Sustainability Engines Peter Tymkiw, Arcadis U.S.	Water Reuse: The Past, Present & Future Kati Bell, Hazen and Sawyer
10:00 AM	Legislation & Implementation, Florida Has Embraced Reuse John Bell, Greyter Water Systems USA; Chris Bogdan, South Ferguson Waterworks	Cape Coral Sets the Standard for Water Reuse Management Mark Martin, Black & Veatch			A District's Dynamic, Innovative Approach to Asset Maintenance & Planning Jessica Koop and Tom Knoell, Water Replenishment District of Southern California		From Waste to OASIS: Transforming Wastewater & Stormwater into a Resilient Water Supply Laura Rocha and Alex Thomas, Moulton Niguel Water District	Perspectives on Reuse Drivers from the West, East, & South Ryan Hejka and Sean Chaparro, Arcadis

NETWORKING BREAK – TAMPA BAY FOYER, 4TH FLOOR

Enjoy refreshments, connect with attendees, and meet the exhibitors.



POSTER SESSION 3 - YBOR/H.B. PLANT FOYER, 2ND FLOOR

- Innovative Counter-Current Foam Fractionation for PFAS Removal and Water Reuse Shahrzad Saffari, Yokogawa Corporation
 of America
- Pathogen Distributions in Southern Nevada Wastewater for Advancing Potable Reuse Katherine Crank, Southern Nevada Water Authority



- Removal of Enteric Viruses, Pharmaceuticals & Personal Care Products During Ozone-Soil Aquifer Treatment (SAT) in Small, Rural, and Decentralized Indirect Potable Reuse Systems Madeline Carine, Southern Nevada Water Authority
- Villain to Hero: Algae Remove Emerging Contaminants at Leon's IPRI Rafael Zarate, Centro de Innovacion en Tecnologia del Agua de Guanajuato AC

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Onsite & Decentralized Water Reuse Systems V TAMPA BAY 1 Moderator: Tressa Nicholas, Idaho Department of Environmental Quality	Water Reuse Operations II TAMPA BAY 3 Moderator: Chuck Drake, TetraTech	Water Reuse Leadership: Resources for Elected Officials & Senior Management II TAMPA BAY 4 Moderator: Paul Sciuto, Monterey One Water	Innovations in Potable Reuse II YBOR I-III Moderator: Christopher Hill, AECOM	Innovations in Industrial Reuse II YBOR IV Moderator: Greg Wetterau, CDM Smith	Research, Innovation, & Technology II H.B. PLANT A-B Moderator: Eric Marchand, University of Nevada Reno	Climate Adaptation: Stormwater Capture & Reuse I TAMPA BAY 2 Moderator: Amy Tracy, Dewberry	Innovative Approaches to Water Recycling II H.B. PLANT C-D Moderator: Andrew C. Toth, Burns & McDonnell		
Changing the Paradigm: Waterborne Pathogen Prevention's Impact on Water Reuse Christoph Lohr and Daniel Cole, IAPMO	Developing a Nimble Treatability Investigation Program from the Ground Up Erin Mackey, Brown and Caldwell; Brandon Pechin, City of Boise	Track Sponsored by: A=COM Defining the Foundations: Best Practices to Building Water Reuse Programs Julie Labonte, HDR; Ruwanka Purasinghe, LADWP	Comparing Conventional & LED-Based UV Advanced Oxidation for Water Reuse Ryan McKeown, University of Colorado at Boulder	Triple Bottom Line Framework for Water Resilience Marisa Escobar and Vijay Sundaram, AECOM	Water Reuse Consortium Panel Adam Smith, University of Southern California; Eric Marchand, University of Nevada-Reno; Amanda Wilson, University of Arizona	Capturing Stormwater to Enhance Water Supply: Framework that Addresses Barriers Sybil Sharvelle, Colorado State University	A Circular Water Society: Graywater Recycling Melissa Lubitz, Hydraloop Inc.		
Water Reuse System for Park Irrigation on East Coast Jeff Danner and Rob Kershner, Innovatreat	Quantitative Microbial Risk Assessment for Lake Mead De Facto Reuse Emily Clements and Katherine Crank Southern Nevada Water Authority	Quantifying the Untapped Potential of Water Reuse in the U.S. Bruk Berhanu, Pacific Institute	TDS Reduction without RO? Introducing XBAT a New Paradigm in Advanced Purification Bob Salvatelli, H2O Innovation; Melanie Pickett, Carollo Engineers	Advancements in Accurate Chemistry & System Efficiency for Industrial Water Reuse Michael Skovgaard and Tyler Johnson, Grundfos		Orlo Vista Integrated Water Resource Project Lyudmila Gassaway and Benjamin Yoakum, Orange County Utilities			

TUESDAY, MARCH 18

12:00 PIV

WINNING HEARTS AND MINDS OF RATEPAYERS: EFFECTIVE COMMUNICATIONS IS KEY – TAMPA BAY SALON 5-9

SPONSORED BY



Join us at noon for a networking lunch, followed by a special panel at 12:30.

Moderator

• Wendy Broley, Chief Technical Officer, Brown & Caldwell

Presenters

- Richard Bernard, PhD, Partner, FM3 Research
- Robyn Felix, APR, Communications and Board Services Bureau Chief, Southwest Florida Water Management District
- Sara Katz, Founder and CEO, Katz & Associates
- Christina Montoya-Halter, Communications and Marketing Manager, El Paso Water Utilities
- Leila Rice, APR, Chief Communications Officer, Hampton Roads Sanitation District

Onsite & Decentralized Water Reuse Systems VI TAMPA BAY 1 Moderator: Michael Jahne, U.S. EPA	Water Reuse Operations III TAMPA BAY 3 Moderator: Zaid Chowdhury, Garver	Water Reuse Leadership: Resources for Elected Officials & Senior Management III TAMPA BAY 4 Moderator: Jennifer Swart, Water Replenishment District	Innovations in Potable Reuse III YBOR I-III Moderator: Christine Owen, Hazen and Sawyer	Innovations in Industrial Reuse III YBOR IV Moderator: Rebecca Maco, Brown and Caldwell	Research, Innovation, & Technology III H.B. PLANT A-B Moderator: Christopher Wilson, Hampton Roads Sanitation District	Climate Adaptation: Stormwater Capture & Reuse II TAMPA BAY 2 Moderator: Shannon Spurlock, Pacific Institute
Expanding Water Reuse in Single Family Homes Taylor Nokhoudian, San Francisco Public Utilities Commission; Amanda Wilson, University of Arizona; Sybil Sharvelle, Colorado State University; Robert Rubin, North Carolina State University	Innovation in MBR Biological Design & Impacts on Reuse Programs Stephen Katz, Veolia Water Technologies & Solutions		Potable Reuse Regulations Across the Country: Welcome to the Party! Panel Sydney Cummings, Florida Department of Environmental Protection; Tyson Ingels, Colorado Department of Public Health and Environment; Tiffani Kavalec, Ohio EPA; Karthik	Enabling the Use of Recycled Water Use in Direct Evaporative Cooling Systems Panel Usman Khan, Amazon Web Services; Annette Dwyer, Munters; Micah Vieux, Loudoun Water	Don't Waste a Drop! How Tech Helps Expand Reuse Dawn Taffler, Kennedy Jenks	Realizing the Untapped Potential of Stormwater in the United States Bruk Berhanu, Pacific Institute; Katherine Atteberry, Atlanta Regional Commission; Nathan Campeau, Barr Engineering Co.
25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5	Thinking Abnormally: A New Way to Look at RO Data Yoko Koyama, Carollo Engineers	Listen, Learn, Lead: How Electeds Benefit by Visiting Purification Facilities Mark Millan, Data Instincts	CDM Smith		Treatability Studies of Source Water Blends for Raw Water Augmentation Michael Adelman, Stantec; Gloria Lai-Bluml, Metropolitan Water District of Southern California	

TUESDAY, MARCH 18

3:00 PIV

NETWORKING BREAK – TAMPA BAY FOYER, 4TH FLOOR

Enjoy refreshments, connect with attendees, and meet the exhibitors.

POSTER SESSION 4 – YBOR/H.B. PLANT FOYER, 2ND FLOOR

- Effects of Electron Donor Selection on Denitrification and Trihalomethane Formation Bruno Fulco Mancini, University of South Florida
- Exploring Feasibility and Cost of Modernizing Microbial Monitoring Programs Julio Polanco, Orange County Water District
- Optimizing Membrane Backwashing with Novel Colloidal Particle Measurement Charlie Liu, Kennedy Jenks Consultants

	Onsite &	Water Reuse	General Manager	Innovations in	Innovations in	Research,	Wetlands &	Water Reuse
	Decentralized Water Reuse Systems VII TAMPA BAY 1 Moderator: Scott Alpert, Hazen and Sawyer	Mater Reuse Operations IV TAMPA BAY 3 Moderator: Jacquelin Mutter, HDR	& Public Official Roundtable (Invitation Only) H.B. PLANT F	Potable Reuse IV YBOR I-III Moderator: Ufuk Erdal, Black & Veatch	Industrial Reuse IV YBOR IV Moderator: Greta Zornes, CDM Smith	Innovation, & Technology IV H.B. PLANT A-B Moderator: Laura Black, Trojan Technologies	Water Reuse TAMPA BAY 2 Moderator: Ken Broome, Stantec	Social & Economic Impacts H.B. PLANT C-D Moderator: Julie Minton, The Water Research Foundation
3:30 PM	Pilot-scale Membrane Bioreactor – Membrane Distillation for Potable Water Reuse Eric Marchand, University of Nevado-Reno	Getting Every Last "Drop" of Data Optimizing MAR Geochemical Characterization Kelly Donahue, Brown and Caldwell	General Manager & Public Official Roundtable— Leveraging One Water Investments to Accomplish More INVITATION ONLY	Innovative Brine Management for Sustainable Inland Potable Reuse Yamrot Amha and Tyler Hadacek, Stantec	Municipal Wastewater for Power Generation: Lessons Learned from Current Users Katie VanderEspt, Electric Power Research Institute	Innovative Counter Current Foam Fractionation for PFAS Removal Shahrzad Saffari, Yokogawa Corporation of America	Research Supporting Urban Wetland Restoration as a New Beneficial Use Scott Mansell and Jared Kinnear, Clean Water Services	Harnessing Collective Action to Advance Thriving Communities through Water Reuse Panel Shannon Spurlock, Pacific Institute;
4:00 PM	Guillaume Clairet, H20 Innovation; Frank Cuellar, Carrefour de l'eau; Alexandre Guindon, 2 Degrés; Édith Laflamme, CTEAU Serguei Leclerc, H20 Innovation; Alexis Morissette, H20 Innovation; Karine Souffrez, INRS	Membrane System Operation Challenges from Off-Spec Influent Water Quality Arnaud Jeglot, Veolia North America	Moderator Vijay Sundaram, AECOM; Mark Millan, Data Instincts	Direct Potable Reuse in San Diego: From Planning to Implementation Mitch Bartolo, Trussell Technologies; Doug Campbell, City of San Diego Public Utilities Department	Water Reuse at RJ Reynolds in NC Bob Salvatelli, H20 Innovation	Real-Time Detection of Volatile Organic Compounds in RO-Based Potable Reuse Eric Dickenson, Southern Nevada Water Authority; Aurelie Marcotte, Entanglement Technologies	Envisioning the Fairfield-Suisun Community Treatment Wetland Project Amelia Luna, Sherwood Design Engineers	Susheera Pochiraju, Hazen and Sawyer; Rick Warner, Jacobs Solutions; Marisa Escobar, AECOM
4:30 PM		San Diego Successfully Demonstrates 95% Recovery with 3-Stage Reverse Osmosis Aleks Pisarenko, Trussell Technologies		Potable Reuse: The Future We Made Kevin Linder and Todd Brewer, Aurora Water	Real-Time Controls for Water Reuse at Allianz Field Soccer Stadium Dayton Marchese, OptiRTC; Shawn Crawford Rainwater Management Solutions	Exploring Byproduct Formation During UV-Chlorine & UV-Hydrogen Peroxide for Potable Reuse Nathan Moore, Brown and Caldwell	10-Years Running: Florida's Largest Reclaimed Water to Wetlands Program Michael Bomar, Tetra Tech	Rising to the Occasion: Preparing Your Workforce for Potable Reuse Nathan Boyle, Hazen and Sawyer

WATEREUSE 40TH ANNUAL CELEBRATION

AT THE FLORIDA AQUARIUM

TUESDAY, MARCH 18 6:00 PM - 9:00 PM 701 CHANNELSIDE DR



2025 marks the 40th anniversary of the WateReuse Symposium! Join us to celebrate in style with food, drinks, and open aquarium exhibits. The aquarium is just a ten-minute walk along the water from the conference hotel.

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WEDNESDAY, MARCH 19

SEE WEDNESDAY
SESSION
DETAILS >



8:00 AI

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BREAKFAST PLENARY: INTEGRATING ONSITE AND CENTRALIZED WATER REUSE SYSTEMS TO MEET COMMUNITY WATER MANAGEMENT GOALS – TAMPA BAY SALON 5-9

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Moderator

• Sybil Sharvelle, Colorado State University

Panelists

- Alan Cohn, Senior Policy & Science Advisor, New York City Department of Environmental Protection
- Zach Gallagher, CEO, Natural Systems Utilities
- Damian Higham, Recycled Water Program Lead, Denver Water
- Paula Kehoe, San Francisco Public Utilities Commission
- Matthew Silver, CEO, Cambrian Innovation

ACCELERATING WATER REUSE – TAMPA BAY SALON 5-9

HOT TOPICS IN WATER REUSE RESEARCH

• Kenan Ozekin, Chief Research Officer, The Water Research Foundation

CELEBRATING 5 SUCCESSFUL YEARS OF THE NATIONAL WATER REUSE ACTION PLAN

- Sharon Nappier, National Program Leader for Water Reuse, U.S. EPA
- Patricia Sinicropi, Executive Director, WateReuse Association

ADVANCING POLICIES TO FACILITATE WATER RECYCLING GROWTH STATE BY STATE

Moderator

• Kevin Hardy, National Water Research Institute

Panelists

- Robert Beltran, Dewberry
- Tricia Kilgore, Beaufort Jasper Water & Sewer Authority
- John Rehring, Carollo Engineers

- Paul Sciuto, General Manager, Monterey One Water
- David Sloan, Freese and Nichols, Inc.
- Troy Walker, Hazen and Sawyer

2ND ANNUAL TECHNOLOGY SHOWCASE - TAMPA BAY SALON 5-9

Discover new and disruptive technologies that could significantly transform water recycling, and engage directly with the researchers.

Moderator

Peter Fiske, Executive Director, National Alliance for Water Innovation

FEATURED TECHNOLOGIES

- Switchable Solvent ZLD Process for Solving the Inland Desalination Brine Problem
- Mobile Test Bed for Marginal Water Filtration
- Salt-Free Electrodialysis Metathesis (EDM) For High Recovery Concentrate Management
- UHP-CCRO with Virtual Curtain to Achieve Minimal Liquid Discharge
- Mobile Demonstration DPR: Comparison of RO and non-RO DPR for Aerobic and Anaerobic Effluents
- Piloting an Electrical, Modular, and Distributed ZLD Arsenic-Removal Technology
- Reciprocating Piston Batch Reverse Osmosis: Pushing the Limits of Efficiency and Fouling Resistance
- Wastewater Pretreatment for Potable Reuse
- 222 nm KrCl* Driven Advanced Oxidation for Reverse Osmosis Pretreatment: Fouling Control and Chemical/Pathogen Abatement
- Data-Driven Fault Detection and Process Control for Potable Reuse with Reverse Osmosis
- Electrically Conductive Reverse Osmosis (ECRO) Membranes for High Mineral Content Brackish Groundwater Desalination
- Dynamic Characterization of Reverse Osmosis Membrane Fouling and Demonstration of Innovative Control Strategies
- Concentrate Treatment and Chemical Production Using Innovative Electrodialysis Processes for Near Zero-Waste Discharge

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Eastern Municipal Water District, El Paso Water, Irvine Ranch Water District, Metropolitan Water District, and Water Replenishment District

10:45 AM





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SAVE BDATE MARCH 8-11, 2026

INTERCONTINENTAL DOWNTOWN LOS ANGELES



WATEREUSE SECTION EVENTS



MAY 5, 2025
WATEREUSE COLORADO
CONFERENCE, DENVER, CO



MAY 18-24, 2025 FLORIDA WATER REUSE WEEK & SUMMIT



JULY 20-22, 2025 WATEREUSE ARIZONA SYMPOSIUM FLAGSTAFF, AZ



SEPTEMBER 14-17, 2025 WATER REUSE TRACK @ PNCWA PORTLAND, OR



SEPTEMBER 16-18, 2025 WATEREUSE TEXAS CONFERENCE, HOUSTON, TX



SEPTEMBER 21-23, 2025 WATEREUSE CALIFORNIA CONFERENCE, SAN DIEGO, CA