

MON JUNE 11

MON01 - Aging Infrastructure Management - Hydraulic Analysis of Criticality and Component Failures in Water Distribution Systems

Half-Day Workshop

Presenters: Sasa Tomic, Eric Scherch

9:00 a.m. - 12:00 p.m. | Mandalay Bay J

MON03 - Condition Assessment of Water Mains

Full-Day Workshop. HDR will demonstrate equipment and techniques used in AWWA Manual M77 Chapter 5 (corrosivity surveys) and Chapter 6 (spot assessments).

Presenter: Dan Ellison

Demonstration: Jeffrey Giddings

9:00 a.m. - 4:00 p.m. | Mandalay Bay L

TUE JUNE 12

TUE15 - Innovative Reuse Projects and How They are Efficiently Overcoming Obstacles

Is DPR the Answer?

Presenter: Steven Friedman

Co-Author: Oscar Khoury

2:00 p.m. | Breakers AB

TUE10 - Creative Approaches to Developing and Implementing Capital Programs and Projects

Dueling Project Delivery Methods: Considerations in Decision Making

Presenter: Phillippe Daniel

Co-Authors: Katherine Oven, Charlene Sun

2:30 p.m. | Lagoon A

UVWL - Understanding the Value of Women Leaders (Not Just for Women!)

Panel Discussion

Presenters: JaNell Cook, Angel Duncan,

Carla Reid, Catrice Jones

3:00 p.m. - 4:30 p.m. | Banyan B

WED JUNE 13

WED13 - Building Utility Resilience and Cybersecurity

Nashville Metro Water's Disinfection Conversion Initiative

Presenter: Brent Tippey

Co-Authors: Michael Bernard, Glen Doss

9:30 a.m. | Lagoon EF

WED08 - Water Policy Changes Re-Shaping Water Utility Business Model

Panel Discussion: Per- and Poly- fluoroalkyl Substances – Responding to Health Advisories

Presenters: Peter D'Adamo, Lisa Daniels, Miranda Brannon
10:00 a.m. | Mandalay Bay Ballroom I

WED15 - Unraveling Watershed Complications

Strategies for Addressing Emerging Per- and Poly-Fluoroalkyl Substances (PFAS)

Presenter: Peter D'Adamo
Co-Author: Samantha Black
10:30 a.m. | Breakers AB

WED17 - Collaborative and Regional Planning

Tacoma Water Integrated Resource Plan and Model

Presenter: Steve Thurin
11:00 a.m. | Lagoon CD

WED40 - Joker's Wild: New Frontier in Groundwater Treatment

Pilot-Scale Demonstration of Combined Ion Exchange and Alternative Regeneration for Softening and Contaminant Removal

Presenter: Jerrine Foster
Co-Author: Treavor Boyer
1:30 p.m. | Breakers AB

Progress in the Development of a Fiber-Based Ion Exchange Material for the Treatment of Arsenic in Drinking Water

Presenter: Philip Brandhuber
Co-Author: Jeff Vercellone
4:00 p.m. | Breakers AB

PST02 - Poster Sessions

1:30 - 4:30 p.m. | Exhibit Hall - Booth 26067

Application of Indirect Condition Assessment Techniques for Electrically Discontinues Buried Water/Wastewater Pipeline: A Case Study

Presenter: Mersedeh Akhoondan
Co-Authors: Graham Bell, Brien Clark

The Proof is in the Pudding: Savings Confirmed in Initial Multibore Membrane Operating Data

Presenter: Karen Pappas
Co-Author: Francois Rodigari

How to Squeeze More Capacity Out of an Existing Water Plant to Keep Up with Demands

Presenter: Richard Stratton
Co-Author: Aaron Sullivan

Not So High and Dry in So Cal

Speaker: Jennifer Duffy
Co-Authors: Amy Omae, Masoud Hosseyni, Fiona Sanchez

Testing the Waters – Lubbock's Experience with Brackish Groundwater

Presenter: Paula Jo Lemonds
Co-Authors: Larry F. Land, Aubrey A. Spear

WED41 - Illustrations of Pilot and Demonstration Testing Helping to Support Reuse Projects

Evaluating Biofiltration for Potable Reuse Applications

Presenter: Samantha Black

Co-Authors: Christina Alito, Peter D'Adamo, Chance Lauderdale

2:30 p.m. | Breakers CD

WED36 - Recent Developments Resulting from Studies on the TRWD/DWU IPL Large Diameter Pipe Project

Research of Polyurethane Coatings

Presenter: Jeffry Giddings

Co-Authors: Ed Weaver, Graham Bell, David Tordonato

2:30 p.m. | Lagoon CD

Cathodic Protection

Presenter: Graham Bell

Co-Authors: Jeffry Giddings, Jessica Torrey

3:00 p.m. | Lagoon CD

WED34 - Pipeline Condition Assessment

Water Research Foundation Project #4618: Status and Application of Cathodic Protection in the Water Utility Industry

Presenter: Graham Bell

Co-Author: Merseleh Akhoondan

4:00 p.m. | Mandalay Bay Ballroom J

THU JUNE 14

THU08 - Assessment & Implementation of Alternative Project Delivery Methods to Provide Best Value

Sharing Aqua Ohio's Most Valuable Lessons Learned While Implementing Our First Integrated Delivery Project

Presenters: Richard Atoulikian, Peter Kusky, Jason Lemire, Lee Tourek

8:30 a.m. | Lagoon CD

THU03 - Corrosion Control and Nitrification Prevention in Small Distribution Systems

Addressing Distribution System Water Quality Challenges Arising from Diversified Water Supplies

Presenter: Peter D'Adamo

9:00 a.m. | Mandalay Bay Ballroom B

THU10 - Unexpected Contamination Incidents

How Clean is Clean? Managing Treatment Chemical Hexavalent Chromium Contamination at Denver Water's Planned Northwater Plant

Presenter: Philip Brandhuber

Co-Authors: Jennifer Gelmini, Nathan MacArthur

9:30 a.m. | Lagoon EF

THU30 - Preparing for the Future - Rehabilitation, Renovation and Expansion of our Aging Water Treatment Facilities

KY City of Firsts Finishes a First Class Water Plant

Presenter: Brent Tippet

Co-Author: Earl Coffey

2:00 p.m. | Mandalay Bay Ballroom B

THU34 - The Revolution of Subsurface Water Storage

Moderated Panel Discussion, Small Roundtables with Each Panelist, and Panelists Will Present Key Points From Each Roundtable Discussion

Presenter: John Koreny

2:00 p.m. - 3:30 p.m | Breakers AB

THU37 - Biofiltration Performance

What's Growing in My Biofilter? Practical Uses of Microbial Community Data for Evaluating Biofilter Performance

Presenter: Christina Alito

Co-Authors: Chance Lauderdale, Jen Hooper

3:00 p.m. | Mandalay Bay Ballroom K

THU29 - Quantifying Benefits and Using Business Case Analysis for Optimized Spending

Renovating the Great, Historic and Venerable 8th Avenue Reservoir

Presenter: John Barnett

Co-Author: Brent Tippey

3:30 p.m. | Mandalay Bay Ballroom J

HDR Around the Conference

WE HOPE TO SEE YOU

Understanding the Value of Women Leaders (Not Just for Women!)

Location: Banyan B

We are proud sponsors for this special panel and networking event. Learn from trailblazers in the industry as panelists share lessons learned, joyful and difficult moments as well as provide career advice.

Tuesday, June 12 , from 3:00 p.m. - 4:30 p.m.

Water Industry Luncheon

Location: Mandalay Bay Ballroom G

We'll be presenting the 7th annual HDR/Henry "Bud" Benjes Scholarship to Haley White.

Wednesday, June 13, from 12:00 p.m. - 1:15 p.m.

Career Center Job & Education Fair

Location: Exhibit Hall - Booth 22144

Swing by our recruiting table. We'd love to talk with you about our goal to improve ourselves as well as the world around us.

Wednesday, June 13, from 2:00 p.m. - 5:30 p.m.

Future Leaders Reception

Location: Palm Foyer

We are excited to meet young professionals who are making a difference.

Wednesday, June 13, from 6:00 p.m. - 7:30 p.m.