CONFERENCE PREVIEW

DRINKING
REUSE
WASTEWATER
STORMWATER
The World’s Premier Water Conference

Water professionals will convene in Chicago, Illinois, for AWWA’s 135th Annual Conference & Exposition (ACE), June 19–22! As ACE16 heads to the Windy City, the professional program will focus on major water sector issues such as lead service line management, financing water infrastructure programs, developing robust asset management programs, addressing water loss in distribution systems, responding to harmful algal blooms in surface water, implementing potable reuse solutions, and much more! The professional program will address the changing needs of the global water community with 19 professional tracks, 111 sessions and six Sunday workshops.

This year the world-class exposition will offer an experience to remember, with more than 500 top-notch exhibitors showcasing the water industry products and services to simplify a water professional’s job.

Discover the Top 10 Reasons to Attend ACE16!

1. Share knowledge with your peers at multiple networking events
2. Stay current with water community trends
3. Discover NEW and comprehensive professional tracks
4. Compare water industry products and services from more than 500 companies in one convenient place
5. Learn from more than 1,000 expert speakers
6. Be in-the-know about upcoming regulatory updates and actions
7. Experience priceless professional development only found at ACE
8. Take advantage of expanded education and networking opportunities in the ACE16 Exhibit Hall
9. Earn a maximum of 3.1 CE Credits or 31 contact hours
10. Attend and represent your Section at the OGS

SAVE TIME AND DOWNLOAD THE MOBILE APP BEFORE YOU ARRIVE AT ACE16! FULL AGENDA WILL BE AVAILABLE BY THE END OF MAY.
SCHEDULE

All events will be held at the McCormick Place West Convention Center unless otherwise noted. All information is subject to change. To learn more about ACE16 competitions, public officials programs, students and young professionals events, and to see a full agenda, visit awwa.org/ACE16.

### Sunday, June 19
- 9:00 a.m.–4:15 p.m.: Workshops
- 9:30 a.m.: Pedal With a Purpose
- 10:00 a.m.–noon: Competitions Demo—The Historic Chicago Water Tower
- 1:00–5:00 p.m.: Public Officials—CRT 1
- 1:30 p.m.: Pedal With a Purpose

### Monday, June 20
- 7:30–8:15 a.m.: First-Time Attendee Breakfast
- 8:00–10:00 a.m.: Opening General Session
- 8:00–11:30 a.m.: Public Officials Breakfast & Caucus
- 9:00 a.m.–5:00 p.m.: Professional Sessions
- 9:30 a.m.–5:30 p.m.: Exposition Open
- 10:00 a.m.–11:15 a.m.: World Water Cup
- 10:00 a.m.–12:30 p.m.: Roundtable Solution Sessions in the Exhibit Hall
- 1:00–1:45 p.m.: Monday Keynote Address
- 1:00–5:00 p.m.: Public Officials—CRT 2
- 2:00–5:00 p.m.: Pipe Tapping Competition: Preliminaries
- 2:00–5:00 p.m.: Professional and Poster Sessions
- 5:30–7:00 p.m.: International Reception—Hilton Chicago

### Tuesday, June 21
- 7:30–8:15 a.m.: Facility Tours
- 8:00–8:45 a.m.: Tuesday Keynote Address
- 8:00–11:30 a.m.: Professional Sessions
- 9:00 a.m.–4:30 p.m.: Pipe Tapping Competition: Preliminaries/Coaches Meeting
- 9:30 a.m.–5:30 p.m.: Exposition Open
- 10:00 a.m.–12:30 p.m.: Silent Auction Supporting the One AWWA Operator Scholarship
- 10:00 a.m.–5:00 p.m.: Fresh Ideas Posters
- 11:00 a.m.–4:00 p.m.: Roundtable Solution Sessions in the Exhibit Hall
- 1:00–1:45 p.m.: Monday Keynote Address
- 1:00–5:00 p.m.: Public Officials—CRT 2
- 2:00–5:00 p.m.: Pipe Tapping Competition: Preliminaries
- 2:00–5:00 p.m.: Professional and Poster Sessions
- 3:30–4:30 p.m.: “Best of the Best” Tap Water Taste Test
- 4:00–5:30 p.m.: Networking Happy Hour—Exhibit Hall
- 5:30–7:00 p.m.: Meet the Future Leaders Reception—Hyatt Regency McCormick

### Wednesday, June 22
- 7:30–9:00 a.m.: Fuller Award Breakfast—Hilton Chicago
- 7:30 a.m.–noon: Facility Tours
- 8:30 a.m.–5:00 p.m.: Professional Sessions
- 10:00 a.m.–3:00 p.m.: Poster Sessions
- 10:00 a.m.–5:00 p.m.: Exposition Open
- 10:00 a.m.–1:00 p.m.: Silent Auction Supporting the One AWWA Operator Scholarship
- 10:15 a.m.–1:00 p.m.: Pipe Tapping Competition Finals
- 11:15 a.m.–12:30 p.m.: H2OOpen Forum
- 11:30 a.m.–2:00 p.m.: AAEES/AIDIS/AAWA Luncheon—Hilton Chicago
- 12:30–2:00 p.m.: Sweet Treats Social Networking Event
- 1:00–3:00 p.m.: Hydrant Hysteria Demo
- 1:00–4:00 p.m.: Top Ops: Preliminary, Semifinal, and Final Rounds
- 3:00 p.m.: Professional Networking Power Break
- 5:00–6:30 p.m.: ACE Wrap Party—Lakeside Terrace
RESERVE YOUR SPOT FOR A SUNDAY WORKSHOP!
Reduced pricing is now available for members! Additional registration fee is required. Sign up early, space is limited.

SUN01 | Addressing Algal Activity: Measuring and Responding to Water Quality Impacts
9:00 a.m.–4:15 p.m.
This workshop focuses on methods for measuring the activity of toxin-generating algae/cyanobacteria in source waters and on ways to address the toxins during water treatment.

SUN02 | Water Loss Control—From Audits to Action
9:00 a.m.–4:00 p.m.
Without water loss control practices in place, a utility can be operating inefficiently, which can result in financial loss. This workshop provides the needed tools for reducing water losses by educational training of the participants on standard methods and advanced water loss control techniques.

SUN03 | Water Main Rehabilitation: Materials, Lessons Learned, and Demonstrations
9:00 a.m.–4:00 p.m.
This workshop will provide utility staff and design engineers with information to better select, implement, and monitor water main rehabilitation technologies.

SUN04 | Preparation and Application of Real-Time Distribution System Hydraulic Models
9:00 a.m.–4:00 p.m.
This workshop offers attendees knowledge and hands-on experience on what it takes to bring distribution system hydraulic models to the next level using real-time data. SCADA systems, customer information systems, and field operations for assessing and predicting conditions in water systems will be discussed.

SUN05 | Advanced Pipeline Asset Management: Mining and Collecting the “Right Data”
9:00 a.m.–4:00 p.m.
This workshop describes pipeline rehabilitation and replacement (R&R) planning approaches, focusing on the benefit of using more advanced approaches and the data requirements.

SUN06 | Tools for Understanding and Anticipating Water Quality From Groundwater Wells
1:00–4:00 p.m.
Drinking-water contaminants in groundwater are widespread, but resources for protecting or treating groundwater sources of drinking water are limited. This workshop provides information and tools that indicate which contaminants in an aquifer might reach a public-supply well, when and how they will arrive, and at what concentrations.

SPECIAL PROGRAMS

SMALLER-UTILITIES PROGRAM
Wednesday, June 22
$125 Members | $155 Nonmembers
ACE16 will feature a special day of programming designed just for smaller utilities on Wednesday only! The day will start with morning technical sessions focused on internal utility issues such as asset management, water loss control, cross connection control, rates for small systems, financing opportunities, as well as communicating with your own board members. This specialized day continues with lunch and time to visit the ACE16 exhibit hall, followed by afternoon technical sessions focused on external utility issues including emergency preparedness and response, customer relations, USEPA drinking water regulations update, source water protection as well as how to find free resources for smaller utilities. At the end of the day, you will be able to socialize with peers at the ACE Wrap Party!
Pre-registration is required, space is limited.

FIRST-TIME ATTENDEE BREAKFAST
Monday, June 20 | 7:30–8:15 a.m.
Learn how to maximize your ACE experiences and develop lasting connections. AWWA will help you navigate through the convention center, exposition, and professional program and will offer helpful tips. Free breakfast is provided. This event is complimentary, but registration is required. Use code “T9” when registering for ACE.
KEYNOTE SESSIONS

You will find sessions on key topics to address every aspect of the full spectrum of today’s issues. To view the most up-to-date professional program by date and track, visit www.awwa.org/ACE16.

OPENING GENERAL SESSION
Monday, June 20 | 8:30–10:00 a.m.
Sponsored by: HomeServe

Jim Cantore, On-Camera Meteorologist, The Weather Channel

Jim Cantore is one of the most recognized faces in weather. Known for his live reports from severe weather events, Cantore embodies the passion and knowledge of The Weather Channel that makes him the weather authority viewers turn to when forecasts turn dire. He has covered every major weather event during the past 25 years, including Hurricanes Katrina and Irene and Superstorm Sandy, solidifying his and The Weather Channel’s role as the leading source for severe weather coverage. Cantore is well known for his animated, tenacious style, both in the field and in the studio.

MONDAY KEYNOTE ADDRESS
Monday, June 20 | 1:00–1:45 p.m.

Dr. Michele Prevost from Ecole Polytechnic de Montreal.
A.P. Black Research Award

Dr. Prevost is an internationally renowned expert in the treatment and distribution of drinking water, with a demonstrated ability to produce usable research results and to transfer them to end users. She is the principal Chair holder of the Industrial Chair on Drinking Water of the National Science and Engineering Council of Canada (NSERC) at the Department of Civil Engineering of Ecole Polytechnic since 1992. Her work involves collaboration with leading researchers in Belgium, Brazil, Australia, and the United States and is organized around three main themes: risk characterization and protection of drinking water sources; development and integration of innovative drinking water treatment processes; and quality of drinking water in large buildings and distribution networks.

TUESDAY KEYNOTE ADDRESS: AN EXPLORATION OF WHAT HAPPENED IN FLINT, MICHIGAN
Tuesday, June 21 | 8:00–8:45 a.m.

Kick off your Tuesday with an exploration of the recent water quality crisis in Flint, Michigan. Vaulting the issue of lead in drinking water into the public consciousness and placing new focus on the upcoming revisions to the Lead and Copper Rule, this crisis required a significant investigation into what went wrong. Join Eric Rothstein, member of the Flint Water Advisory Task Force and Principal of the Galardi Rothstein Group, as he discusses findings from the Task Force report submitted to Governor Snyder earlier this year. Conversation topics include details from the report, recent updates, and what the path forward looks like for the water utility and the community.

H2OPEN FORUM: A CONVERSATION WITH PETER GREVATT, DIRECTOR, USEPA OFFICE OF GROUND WATER & DRINKING WATER
Wednesday, June 22
11:15 a.m.–12:30 p.m.

Join Peter Grevatt, Director, USEPA Office of Ground Water & Drinking Water (OGWDW), and Tracy Mehan, AWWA Executive Director of Government Affairs, for a conversation about the upcoming USEPA priorities related to the drinking water sector. This engaging and enlightening conversation will cover a wide variety of topics including the recent events in Flint, Mich., upcoming water quality regulations, the status of the State Revolving Funds, future implementation of WIFIA, and the need for continued funding of training and technical assistance for small water systems. On the final day of ACE16, come with questions and be prepared for a lively discussion during which you will hear straight from the source about upcoming USEPA initiatives.
# TRACKS & MUST-SEE SESSIONS

Learn more online at [www.awwa.org/ACE16](http://www.awwa.org/ACE16). Professional Sessions sponsored by

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Sessions Focusing on Lead Service Line Management

**MON04 | WATER POLICY: HOW THE BIG PICTURE IMPACTS INDIVIDUAL UTILITIES**
Overview of new developments in federal, state, and local policy that are shaping the business environment for water utilities across the US. Perspectives on key issues from federal, state and local points of view.

**MON06 | AFFORDABILITY ISSUES AND PROGRAM OPTIONS: HISTORY, CURRENT PRACTICES, AND NEW FRONTIERS**
This session will provide insights on new approaches and resources from the 2016 update to the affordability programs chapter of AWWA's M1 Manual, the primary rate guidance in the drinking water industry. The session will also include presentations from speakers who are developing new affordability programs or addressing new affordability challenges, and from speakers who have developed recognized, established affordability programs and related customer outreach efforts.

**MON15 | INTERNAL CORROSION CONTROL IN DISTRIBUTION SYSTEMS**
This session will highlight key points of the M58, *Internal Corrosion Control in Distribution Systems*, manual related to the latest research, tools and monitoring programs that will help water utility managers and operators maintain optimal corrosion control treatment and prepare for the upcoming Long-Term Lead and Copper Rule.

**TUE04 | REGULATORY UPDATE FOR WATER UTILITIES**
Utilities must often respond to regulations after they are on the books. This session is for system managers interested in opportunities to take steps now to reduce future regulatory compliance challenges. Key issues addressed include the Lead and Copper Rule, water loss control, maintaining a disinfectant residual, and DBP control.

**TUE16 | DISINFECTANT RESIDUAL MANAGEMENT: PERSPECTIVES AND PARTICULARS**
This session aims to review the challenges, including monitoring limitations and effectiveness of disinfectant residuals, and examine recent state regulations and guidelines plus address these challenges. Special emphasis will be placed on the RTCR, metals release, and premise plumbing issues.

**WED08 | RISK COMMUNICATION: WHEN IT ALL GOES WRONG**
How do you tell customers about a water quality violation? How do you get, keep, or gain back the public's trust when the water is safe? This session will address creating a communication plan, messaging a water quality violation, when and how to apologize, how to avoid being a media disaster, and communicating after the media goes home.

**WED38 | RESEARCH TO ADDRESS WATER QUALITY CRISIS AND PREMISE PLUMBING CHALLENGES**
This session includes presentations of current cutting-edge research by graduate students.

**WED42 | LOW-LEAD ALLOY OPTIONS FOR CAST-METAL WATER COMPONENTS**
Cast water meters, valves and other components are very different products, each produced in a wide variety of sizes and geometries. The alloy families used in the manufacturing of water meters are different than those used for valves. This presentation will review the various low lead options currently used for cast water works components in the four primary areas that castings serve; hydrants, delivery system components (water main to the meter), water meters, and in-home components (meter to faucet).
Top Products and Services at ACE16

Monday, June 20 | 10:00 a.m.–5:00 p.m.
Tuesday, June 21 | 9:30 a.m.–5:30 p.m.
Wednesday, June 22 | 10:00 a.m.–3:00 p.m.

BE SURE TO CHECK OUT THE EXHIBIT HALL AND SUPPORT OUR EXHIBITORS:
- Aerators/Equipment
- Leak/Backflow Prevention
- Management/Consultant/Services
- Manhole
- Membrane Systems/Equipment
- Meters/Flowmeters
- Modeling
- Monitoring/Equipment
- Parts/Tools
- Pipe/Equipment
- Pumps
- Safety/Equipment
- Sewer Inspection/Equipment
- Software
- Tanks/Equipment
- Trench Systems/Equipment
- Valves/Gates
- Water Supply/Wastewater/Treatment/Equip.
- Well Design/Equipment

For a current list of ACE16 exhibitors, their products and services, and an online floor plan, visit www.awwa.org/ACE16expo

Innovation Lounge

Join us in the Innovation Lounge (Booth 2457) hosted by AWWA and ImagineH2O, and find out how the water industry is being transformed through innovation! In addition to meeting the ImagineH2O winning teams, there are the following sessions to attend:

Monday, June 20
10:00–10:30 a.m. Innovation Lounge Tour
11:00–11:45 a.m. Delivering Value: How Data Startups Are Empowering the Utility of the Future
1:00–1:45 p.m. Data Standards for Utilities—Friend or Foe?

Tuesday, June 21
1:00–1:45 p.m. Building a Startup in the Water Sector: Insight From Entrepreneurs
2:00–2:45 p.m. Greasing the Wheels: Financing Innovation

Wednesday, June 22
11:00–11:45 a.m. Barrier Takedown: How Ontario Is Creating an Innovation-Friendly Market for Water Solutions
EXHIBIT HALL GRAND OPENING
Monday, June 20 | 10:00 a.m.–noon
Join us as the exposition kicks off! Enjoy coffee, tea, or lemonade while you meet and greet new friends and familiar faces.

TUESDAY NETWORKING HAPPY HOUR
Tuesday, June 21 | 4:00–5:30 p.m.
Catch up with old friends and meet new colleagues in the Exhibit Hall. Check out the many new products and services available in the water industry. One complimentary drink ticket and snacks will be available, all made possible by the generous support of our exhibitors. Admission is by conference badge only. Registered spouses and guests are welcome.

WATER INDUSTRY LUNCHEON WITH JAY MOHR
Tuesday, June 21
11:30 a.m.–1:15 p.m.
Comedian, actor, radio host, and best-selling author, Jay Mohr has been performing stand-up comedy since he was 16 years old. With a career spanning more than three decades, Jay has become an artist who’s very difficult to define. After landing his dream job at Saturday Night Live, it appeared as though Jay had reached the height of comedic success. Little did he know that just three years later, he would be cast in Jerry Maguire and that same year in Picture Perfect.

SWEET TREATS SOCIAL NETWORKING EVENT
Wednesday, June 22 | 12:30–2:00 p.m.
It’s a sweet time inside the ACE16 Exposition! Visit exhibitors during this time only to get your commemorative pin! Wind down your busy day and get ready for the ACE Wrap Party!

PROFESSIONAL NETWORKING POWER BREAK
Wednesday, June 22 | 3:00 p.m.
We’re giving everyone 30 minutes to network and enjoy a light energy snack and refreshments.

ACE16 WRAP PARTY
Wednesday, June 22 | 5:00–6:30 p.m.
Complimentary to all attendees!
Be sure to attend the ACE Wrap Party! All attendees are invited to celebrate and toast the new AWWA President, Jeanne Bennett-Bailey. The Wrap Party is the perfect place to kick back, unwind, and celebrate another successful year at ACE!

Sponsored by

www.awwa.org/ACE16
Full-Conference
Best value for your money! Access to sessions Monday through Wednesday, two complimentary Expo Café lunch tickets to be used Monday, Tuesday or Wednesday, networking events, ACE Wrap Party, online proceedings, and the ACE Online event.
$995 members | $1195 nonmembers

Utilities Offer
Submit five paid full registrations and receive the sixth full registration free!

Tuesday Field Operators’ Day Offer
Earn CEUs and check out the competitions!
$125 members | $155 nonmembers

Professors and Students Offer
Register three students and get a free professor registration!

Public Officials
Encourage your elected official to attend and earn the coveted Public Officials Certificate!

Smaller-Utilities Program
Wednesday, June 22
ACE16 will feature a special day of programming designed to address smaller-utility challenges. Must be pre-registered to attend. Availability is limited.
$125 members | $155 nonmembers.

Hotel rooms are selling fast!
Reserve your hotel room early through the official AWWA Housing Bureau, Par Avion. Registration information and inclusions are listed online.
Hotel Reservation Deadline: May 20, 2016
View the full list of hotels and register today before prices go up! www.awwa.org/ACE16.

Justify your trip to ACE16—Download the toolkit today!
www.awwa.org/ACE16toolkit

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THANK YOU FOR SUPPORTING AWWA!
Dedicated to the world’s most important resource, AWWA sets the standard for water knowledge, management, and informed public policy. AWWA members provide solutions to improve public health, protect the environment, strengthen the economy and enhance our quality of life.

AWWA RESOURCE COMMUNITIES

Get the answers you need on current technical topics.

- Asset Management
- Backflow Prevention and Cross Connection Control
- Climate Change
- Customer Service
- Cyanotoxins
- Desalination
- Drought
- Emergency Preparedness
- Groundwater
- Health Effects
- How Water Works
- Lead
- Membrane Process & Technology
- Reuse
- Small Systems
- Source Water Protection
- Stormwater
- Wastewater
- Wastewater Collection Systems
- Water Conservation
- Water Loss Control

Resource Communities are collaborative groups that share knowledge, tools, and resources. Find out about products, educational opportunities, and technical resources all in one place.

Log on now to discover answers and tools to solve your challenges.

www.awwa.org/community