ACE16: 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 leading-edge exhibitors showcasing the water industry products and services to simplify a water professional’s job.

The Exhibit Hall will feature dedicated networking at the AWWA Pavilion and Bookstore, the Career Center Job Fair, the Expo Café, the “People’s Choice” Tap Water Tasting and “Best of the Best” Tap Water Taste Test. Come watch the excitement of the World Water Cup, Tapping and Meter Madness competitions, and the Hydrant Hysteria demo.

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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.
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.–4:00 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 their 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.
Professional Session Highlights

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.

**MON07 | Innovations in Planning, Procuring and Delivering Water Plant Projects**

This session explores a series of unique water treatment plant projects that convey innovative approaches to project design and construction activities to meet high level outcomes.

**MON21 | Innovative Distribution System Monitoring and Maintenance Programs**

**TUE02 | Benchmarking & Performance Measurement: New Leading Practices & Innovative Industry Experience**

Recent benchmarking innovations by utilities and industry associations are helping our water sector chart a new course. Utility Benchmarking is a widely accepted and applied approach to water utilities, presenting opportunities for continual improvement, assessment of current capabilities and performance, and linkage to strategic planning, leading practices, industry frameworks and tools, and learning opportunities from peers. From a new AWWA metric survey, to advances by utilities in their best practices, to enhancements to Effective Utility Management (EUM), to a new water industry consortium benchmarking project, this session will provide current benchmarking efforts and leading practice advancements.

**TUE13 | Positioning Your Water System to Meet Future Challenges**

Water utilities deal with a wide range of challenges in developing and maintaining supplies. This session will showcase a several case studies and innovative solutions implemented by water utilities in many regions of the United States.

**TUE28 | Managing the Risk of Asset Failure**

This session will provide case studies on risk management frameworks, risk-based decision models, and the more advanced concept of monetizing risk.

**TUE47 | Innovations in Distribution System Optimization**

Disinfectant residual, pressure management, and main breaks are key components of distribution system optimization based on Partnership for Safe Water (PSW) guidelines. Presentations feature innovative solutions for distribution system optimization and an overview of the PSW program.
TUE49 | Being the Utility of the Future—Multi-Generational Customers & Innovative Technologies

Water utilities are faced with unprecedented managerial, financial, and technical challenges. To achieve the ideal of the “utility of the future” and resolve these challenges, it will take transformational leadership. This session will explore the nature of transformational leadership in the context of the “utility of the future.” Specifically, this session will address the transformational leadership required to address multi-generational customer service demands in light of new and innovative technologies.

WED02 | Defragmenting the Water Industry: Connecting Players with Opportunities to Accelerate Innovation, Response and Deployment

The highly fragmented water industry is difficult to navigate in the face of increased water stress. This interactive session overviews resources that simplify how we find expertise, connect with collaborators, identify funding, and tap actionable information on market needs and project opportunities to help accelerate innovation, response, and the deployment of solutions on the front lines.

WED11 | Great Lakes Water Supply Issues

The Great Lakes provide drinking water to 40 million people and support one of the largest inland aquatic ecosystems in the world. This session examines some of the most critical and widespread water quality and quantity issues affecting community water supplies on the Great Lakes.

WED39 | Optimizing Water Treatment Facilities to Meet Future Needs

Advanced treatment technologies and optimization of existing water treatment plants provide a means to meet future capacity, regulatory and sustainability goals.

WED41 | How Hydraulic Models Help With Your Overall Distribution System Improvement Program

This session will cover several recent examples where hydraulic modeling was used as one of many tools used to evaluate the health of distribution systems and to prepare holistic, integrated programs for future management of the systems.

To see the full list of tracks and professional sessions, visit www.awwa.org/ace16program.
Top Products and Services at ACE16

BE SURE TO CHECK OUT THE EXHIBIT HALL AND SUPPORT OUR EXHIBITORS:

- Aerators/Equipment
- Aquifer/Watershed
- Biosolids Handling
- Certification
- Chemicals/Equipment
- Conservation
- Construction/Equipment
- Contractors
- Corrosion
- Distribution System Analysis/Equip.
- Electrical
- Filter Equipment/Material
- Gas Detection/Equipment
- GIS
- Groundwater
- Hazardous Waste
- Hydrants
- Instrumentation
- Laboratory Services/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.
Networking Events and Special Sessions

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.

Canadian Water Forum
Monday, June 20, 2016 5:30-7:30 p.m.
River Roast, 315 N LaSalle Street, Chicago, IL 60654
Organized by the Canadian Affairs Committee and the five Canadian Sections, the Canadian Water Forum is a friendly gathering place where you can reacquaint yourself with old friends and meet new ones. This year, join with fellow attendees to celebrate the 100th Anniversary of the Canada Section, AWWA’s first Section outside of the United States and the predecessor to the current five Canadian Sections. Tickets can be purchased in advance online or at the door for $65. The ticket price includes hors d’oeuvres and two drink tickets.

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!

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 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.
Sponsored by:

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.
ACE16 will take place at McCormick Place West Convention Center
2301 S MARTIN LUTHER KING DR, CHICAGO, IL 60616

Reserve your hotel room through the official AWWA Housing Bureau, Par Avion.

The Hilton Chicago will serve as the headquarter hotel. Hotel reservation deadline is May 20, 2016.

View the full list of hotels and register at www.awwa.org/ACE16.

• Full-conference registration offers the best value for your money! Access to all sessions, the exposition, and two complimentary lunch tickets are included for use on Monday, Tuesday or Wednesday in the Expo Café.

• Utilities—Buy five registrations, get one free! This includes full-conference and one-day registrations.

• Professors and students—Register three students and the professor registration is free!

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