AWWA is accepting abstracts for the 2019 Water Infrastructure Conference and Exposition in St. Louis, Missouri at the Hyatt Regency at the Arch from October 20–23, 2019. Authors are encouraged to submit abstracts for oral presentations, workshops, and panel discussions that address approaches, practices, techniques, research, and case studies on all aspects of water, wastewater, reuse and stormwater infrastructure issues.

Abstracts from the following topics are of interest to the Water Infrastructure Conference Planning committee:

**Assets Management Practices**
- Asset management— Developing, implementing and sustaining programs
- Asset location, inventory, and inspection practices
- Condition assessment methods and tools
- Levels of service goals and performance measures and monitoring
- Life-cycle assessments
- Risk and life-cycle cost reduction measures
- Proactive, risk-based operation and maintenance programs
- Capital needs studies and improvement plans
- Asset management benefits— tracking and reporting
- Asset risk metrics and control failures
- Useful life evaluations
- Innovative technologies for pipeline assessment
- Strategic asset management planning
- Management challenges facing dual water distribution systems

**Water Loss Control**
- Policy, legislation and regulation (federal, state and local levels)
- Water loss control programs

**Financing Infrastructure**
- Public Private Partnerships
- Communicating the value of infrastructure to customers and stakeholders
- Investor perspectives
- Finance strategies— Funding sources, affordability, and flexibility
- Regulatory reinvestment
- Business case evaluations— Triple bottom line, lifecycle benefit and cost analyses, O&M and risk analyses
- Balancing O&M and CIP investments

**Capital Projects**
- Capital project delivery methods
- Alternative project delivery
- Constructability challenges
- Capital needs and improvements planning
- Transforming utility capital planning
Submit your abstract by Thursday, February 21, 2019.

Tools and Technology for Planning, Management and Operations
- Computerized maintenance management systems / work order systems
- Pipeline rehabilitation and replacement technologies
- System modeling—Capacity, hydraulic, process, water quality, and system reliability evaluations
- Smart water, wastewater, and stormwater infrastructure
- Infrastructure protection
- Maintenance access issues

Risk and Resiliency
- Emergency preparedness
- Source Water Protection
- Managing cyber risk for utilities
- WARN activation and deployment lessons learned
- Assessing risk and lessons learned (J100)
- Access control - physical and virtual
- Integrating risk assessments and asset management planning and capital improvement plans
- Managing for climate change and extreme incidents - Black Sky, hurricanes, wildfires and other severe weather
- Continuity planning for utilities

Who Will Attend
- Utility Managers and Decision-makers
- Engineers—Chief/Director of engineering; construction, management and utility engineers; senior engineers; project/program managers
- Operations and Maintenance Managers—water source, treatment, collection systems, and distribution systems
- Emergency Preparedness Managers
- Utility Security Specialists
- Consultants—source, treatment, collection and distribution system planning, design, construction and O&M specialists
- Distributors and Manufacturers
- Product and Service Providers

Treatment Plant Design, Construction, Operation and Maintenance

Small Utility Issues

Regional Projects, Issues, and Collaboration

Sustainable Infrastructure Design and Construction

Research, Advances, and Innovations in Water Infrastructure

Pipeline Design for Extreme Conditions

Lead Service Line Replacement