

Instructions for Submitting an Abstract or Presentation

2020 Joint Technical Conference & Exhibition

Keystone Water Conference – H₂O₂₀

May 3-6, 2020 ~ Penn Stater Conference Center ~ State College, PA

The Pennsylvania Water Environment Association (PWEA) and the Pennsylvania American Water Works Association (PA AWWA) have issued a Call for Abstracts for its 2020 Joint Technical Conference and Exhibition – **Keystone Water Conference, H₂O₂₀**. Abstracts are being solicited on cutting-edge and hot topics for both drinking water and wastewater in the following categories:

➤ **Biosolids**

- Innovative usage
- WWTP Case Studies
- Process Break-through
- Dewatering
- Disposal

➤ **Wastewater Collection Systems**

- Inflow & infiltration
- Private property issues
- Pump station topics
- Force main topics
- Measurement – tv – laser – sonar
- Pipe or lateral rehab
- Other relevant issues

➤ **Water Distribution Systems**

- Lead and Corrosion
- Replacement Program
- Maintenance and Repair
- Pressure Management
- Booster Pump Station Topics
- Flushing Programs
- Non-Revenue Water
- Meter Replacement Programs
- Storage Tank Topics

➤ **Drinking Water and/or Wastewater Topics**

- Effective Customer Service
- Using Technology to Enhance Productivity
- Working effectively with neighboring utilities and municipalities
- Innovations in treatment technology and/or chemicals
- Water or wastewater system modeling – benefits and applications
- Leak detection case studies
- Asset management
- Use of the EPA Integrated Planning concept for planning expenditures
- GIS System Integration
- SCADA Systems

➤ **Engineering**

- New techniques and equipment for underground utility verification/location
- Improvements related to drinking water safety
- Mitigation of disinfection byproducts

➤ **Construction**

- Alternative Project Delivery methods
- Use of Design-Build for project delivery
- New/innovative construction techniques

➤ **Government/Regulatory Affairs**

- Complying with regulatory requirements
- Case studies about regulatory agency and regulated entity cooperation
- Needed regulatory program changes
- Impact of legislation and/or regulations on facility operations and budgets

➤ **Industrial Waste Pretreatment**

- Case Studies
- Innovative Design
- Municipal Industrial Pretreatment Program Tasks

➤ **Laboratory Practices**

- Catalysts and Reagents
- Ethics
- Equipment
- Innovative Techniques & Methods
- Data Management
- Emerging Contaminants
- PFOS/PFAS
- Water Source Protection

➤ **Professional Water & Wastewater Operations**

- Disinfection
- Job Description
- Case Studies
- Flood Remediation
- Meeting Permit Limits

➤ **Safety**

- Case Studies
- OSHA Updates and Practices
- Employee Safety – office, plant and field

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➤ Stormwater

- Regional approach to stormwater management
- Integrated water resource planning
- Ramping up a stormwater authority
- Water quality at the watershed scale
- Hydrologic modeling
- Stormwater BMPs – Case studies of funding, performance, and maintenance

➤ Water Sustainability and Reuse

- Permit limit case studies
- Nutrient treatment & recovery

➤ Utility Management

Case Studies of Utilities, showing planning and implementation of Utility Management that achieved one or more of the following:

- Leadership Development and Organic Growth for Sustainable Management
- Prolonging asset life and improving decisions about asset rehabilitation, repair, and replacement
- Community Outreach and Meeting consumer demands with a focus on system sustainability
- Setting rates based on sound operational and financial planning
- Budgeting focused on critical activities for sustained performance
- Inter-Agency cooperation: Meeting service expectations and regulatory requirements
- Levels of Service: Improving responses to emergencies and the security and safety of assets
- Business Case Evaluations/Capital Program Optimization: Reducing overall costs for both operations and capital expenditures

Individuals desiring to present at the **Keystone Water Conference** should **submit an abstract by no later than Friday October 28, 2019**. Please read the criteria below to be sure your abstract contains the most relevant information. Presentations will be in blocks of 30 minutes, which includes time for questions and answers. **Abstracts will be accepted only by email and in WORD format. Send completed abstract to: abstracts@pwea.org**. If you are interested in submitting a proposal for an **entire session** (such as panel discussions, a hot topic update, etc.); or are interested in submitting a proposal for an interactive **all-day or half-day workshop**, contact the PWEA Office for more information (cindyrock@pwea.org or 570-549-2204).

There is no limit to the number of abstracts that may be submitted by an individual, company, organization, or institution. However, in order to provide a valuable educational experience for attendees, the Program Subcommittee will work to limit the number of presentations by a single company or organization during a technical session. Membership in PWEA and/or PA-AWWA is not a requirement to present. Speakers are responsible for all of their own transportation, lodging and travel related expenses. **A discounted registration fee will be offered to a Presenter for day of presentation. A Presenter will also be offered a discounted registration fee should they wish to attend the entire conference**. Please note: only one Primary Presenter per technical session will be published in the **Keystone Water Conference** Registration Brochure and in the On-Site Program.

SUBMISSION FORMAT REQUIREMENTS

Abstracts must be submitted as part of the Abstract Submittal Form posted on www.pwea.org and www.paawwa.org. **Abstracts should be a minimum of one and a maximum of three double-spaced full pages of text, including bibliography**. Up to three additional pages of supporting tables and graphics may be included. The footer of each page should contain the corresponding author's last name, abstract title, and the page number (example: Smith, Regional Approach to XYZ, page 1 of 3). **Abstracts that fail to meet the maximum page requirement will be given consideration after other submissions.**

Abstracts must clearly define the objectives, status, methodology, findings, and significance of the investigation or study. Submissions on hot topics, regulatory issues, and new technologies are especially welcome. **The Primary Presenter indicated on the Abstract Submittal Form will be notified of acceptance or rejection by December 31, 2019.**

CRITERIA FOR ABSTRACT SELECTION

1. **RELEVANCE**: The topic presented in the abstract should appeal to the Joint Conference audience; presenting breakthrough technologies, new concepts, novel applications of concepts, original ideas, new twists, hot topics, or application of fundamental techniques to today's problems. The abstract should present ideas, concepts or lessons learned that are transferable and usable at other facilities and situations.

2. **STATUS OF PROJECT**: The abstract should establish that the project or case study is well-developed and should present data or results to support the hypothesis or principle being demonstrated. Data should have been subjected, at a minimum, to preliminary analysis. Abstracts showing concrete results with practical applications are more likely to be accepted.
3. **TECHNICAL CONTENT**: The objectives and scope of the project should be stated. The conditions under which the data were obtained and the general procedures/methodology used should be presented. The abstract should address the consequences of the issue/project presented. The consequences, both intended and unintended, could include environmental, economic, and social impacts.
4. **BENEFITS AND SIGNIFICANCE**: Actual benefits and applications should be reported. Has the project helped to clean water or has it reduced pollutant discharges? Does the method described save time or money or increase accuracy? Is system management or operations more efficient or effective? Is this a specific finding or of more general application?
5. **CONTENT, CLARITY, AND QUALITY**: Authors should prepare clear, concise abstracts that follow the requirements. The quality and content of the abstract are considered indicative of the final technical presentation for **Keystone Water Conference – H₂O20**.



Abstract Submittal Form
2020 Joint Technical Conference & Exhibition
Keystone Water Conference – H₂O₂₀
May 3-6, 2020 ~ Penn Stater Conference Center ~ State College, PA
SUBMISSION DEADLINE: Friday, October 28, 2019

Save completed, unprotected form in WORD to your computer and email it to abstracts@pwea.org.

1. **Type of Abstract Submission:** ☐ Single Presentation (approx. 30 minutes) ☐ Full or Half Day Session
☐ Drinking water related ☐ Wastewater related

2. **Technical Session Title:** _____

3. **1st Choice Technical Category:** _____
Use only the Technical Categories Listed on the "Instructions for Submitting Abstracts" Document

2nd Choice Technical Category: _____
Use only the Technical Categories Listed on the "Instructions for Submitting Abstracts" Document

4. **Primary Presenter** (all conference-related correspondence will be directed to this individual):

Name: _____
Organization: _____
Address: _____
City/State/Zip: _____
Phone: _____
Email: _____

5. **Will this or a similar paper or session be published or presented before May 3, 2020?**

☐ No ☐ Yes If yes, where: _____

6. **Completion date of this work/project/program:** _____

7. Describe your proposed technical presentation – **Limit text to 50 words or less.**

Should your topic be selected for the **Keystone Water Conference** technical program, the description you provide here (**limited to 50 words**) will be published in the Registration Brochure and Onsite Program.

Insert text here:

FULL ABSTRACT