

IWPC 2019

— TOGETHER FOR CLEAN WATER —

February 11-13, 2019

CALL FOR ABSTRACTS

The Illinois Association of Water Pollution Control Operators and the Illinois Water Environment Association are seeking individuals interested in presenting a paper at the 2019 Illinois Wastewater Professionals Conference must submit an abstract describing their presentation in sufficient detail to allow the evaluation of the proposed topic.

The technical program will cover key aspects of the water environment including agency/utility management, regulations/permits, planning, engineering, construction, and operation in the areas of wastewater collection and conveyance, wastewater treatment, water quality, laboratory operation and management, watershed management, wet weather management, water resource management, and biosolids management. The Program Committee is especially interested in abstracts on the following topics:

- Topics suitable for entry level personnel: operations fundamentals, safety basics, plant maintenance tips, microbiology or other topic simplified for personnel just starting out in the Wastewater industry
- Sustainable Biosolids Management, focusing on Nutrient Removal and Energy
- Planning, Design and Construction Case Studies
- Wastewater Treatment Plant Operations issues including Certification, Process Control and management, preventive maintenance, biosolids handling, operator challenges/experiences
- Collection Systems Design, Modeling, CMOM, Infiltration/Inflow Issues, Condition assessments/Rehabilitation, and Operation
- Wastewater Energy – Energy Efficiency Improvements; Net-zero plants; Energy/Resource Recovery; Aeration Control/Optimization, Power Monitoring, Energy Audits/Demand Reduction, and Co-Generation
- Green Infrastructure and Sustainable Design Practices Applied to Wastewater Facilities
- Laboratory Operations including methods and research, analysis, accreditation and instrumentation
- Liquid Treatment Processes
- Nutrient Removal and Reuse including Planning, Permitting, Design, Technology and Operational Considerations
- Pretreatment including Ordinances, Technologies and Compliance
- Technology information such as GIS or SCADA applications and uses
- Management Issues such as Utility Management and leadership, industry innovation, and employment and training, safety and maintenance programs
- Safety
- Solids Treatment Processes
- Storm Water and Wet Weather management
- Watershed Management
- Regulatory Issues including NPDES Permitting and Nutrient Requirements
- Innovative and Creative Technical Research Related to the Wastewater Industry
- Presentations Prepared and Presented by Young Professionals
- Other Subjects that are of Keen Interest to the Wastewater Industry

Selection of papers is based on an evaluation of abstracts by the IWPC Program Committee, considering quality, originality of subject, technical content, and significance to understanding and improving the water. Presentations that are overtly marketing products or promote a single or proprietary technology will not be accepted for the Technical Program. Thank you in advance for your abstract submission!

Selection process, important dates:

Abstracts due	August 17, 2018
Presenters notified prior to	November 1, 2018
Presentations due	January 18, 2019

No travel or assistance funds are available for speakers. Speakers will be responsible for all their transportation, lodging, and registration fees.

Please assure all information submitted is complete and correct, as it will be used in promotional materials.

For questions, you may also contact our Conference Program Chairs Mike Lutz (309) 689-9888 (mlutz@f-w.com) or Doug Armstrong (630) 279-2140 x2344 (darmstrong@algonquin.org).