

How ISA Supports Automation Professionals in the Water and Wastewater Sector

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SUBMISSION TYPE

15 minute presentation

KEYWORDS

ISA, Resources, Water & Wastewater Automation Professionals, Training, Standards, Certifications, Publications, Symposia

ABSTRACT

Tom will give a brief presentation outlining tools and resources available from ISA for automation professionals working in the water and wastewater sector. The talk will highlight current, ongoing ISA initiatives relevant to the Water and Wastewater industry. His discussion will center around ISA benefits; including applicable standards, certifications, education and training offerings, publications and conferences & exhibits. He will also discuss how opportunities to participate (such as authoring a paper, presenting at a symposium, or pursuing a volunteer leadership position) in ISA can enhance and advance your career.

ABOUT THE AUTHOR

Thomas Devine, CEM, CAP, LEED AP from GHD Consulting Engineering Services Inc. has more than 25 years of consulting engineering experience; specializing in the evaluation, planning, design, construction, and startup of power distribution, control and instrumentation systems for municipal, industrial, and commercial facilities. He has also managed the firm's Energy Service activities and has been responsible for over 45 energy audits and renewable energy projects at municipal water and wastewater facilities. He was the subject matter expert on the team that developed the Energy Benchmark Index for water and wastewater treatment facilities for the Water Research Foundation that is used by the U.S. EPA's Energy Star program, and he holds a patent for PumpCheckr; a real-time pump efficiency meter system that uses a set of algorithms to calculate the efficiency of pumps operating within pumping systems so that infrastructure managers within the water, energy and resource sectors can identify pumps operating at sub-optimal levels and rectify them in a timely manner.

He has held many volunteer leadership positions within ISA at both the local Section and Society level. He is currently serving in his second term as ISA Society Treasurer and serves on the boards of Automation.com, the Automation Federation and the Automation Standards Compliance Institute.