

## WORKSHOP

## Jumpstarting Your Water Utility's Cybersecurity Maturity

**Speaker:** Kevin Morley, PhD, AWWA

**Workshop Description:** The workshop provides step by step instruction on AWWA's newly updated Water Sector Cybersecurity Risk Management Guidance and Assessment Tool, which provides utility leadership with (1) A method to examine potential cyber vulnerabilities based on how a system implements technology to support operations, (2) Generates a risk-informed prioritization of actionable recommendations for cybersecurity controls to inform executive risk management decisions, (3) Demonstration of due diligence based on standards from NIST and others that create a foundation for a Cybersecurity Risk Management Plan. Collectively these actions also inform credit ratings, insurance underwriting and inspections by USEPA related to compliance with §1433. The AWWA resources provide an accessible and logical starting point for systems to quickly improve their cybersecurity posture through the implementation of the cybersecurity controls and capabilities that enhance resilience to cyberattacks. Attendees will be provided with a progressive cybersecurity maturity approach to support compliance with §1433 (AWIA §2013) as well as potential state level obligations, insurance underwriter and rating agency evaluations.

**Speaker Bio:** Kevin M. Morley, PhD is the Manager, Federal Relations for the American Water Works Association (AWWA). Over 20 plus years he has worked closely with multiple organizations to advance security and preparedness in the water sector. This includes establishing the Water/Wastewater Agency Response Network (WARN) and guiding the development of several ANSI/AWWA standards that represent minimum best practice for water sector risk and resilience management, including cybersecurity. He is a leading expert on §2013 of America's Water Infrastructure Act (AWIA) of 2018 and multiple resources that enable water systems to implement an all-hazards approach to security and preparedness. Dr. Morley has supported the national discourse on risk and resilience as a Disaster Resilience Fellow for the National Institute of Standards and Technology, a member of the President's National Infrastructure Advisory Council, advisor to the Water Sector Coordinating Council and providing Congressional testimony. Dr. Morley received a PhD from George Mason University for research developing the Utility Resilience Index (URI). He holds a MS from the State University of New York College of Environmental Science and Forestry and a BA from Syracuse University.

### Agenda

- |             |   |
|-------------|---|
| 8:30-9:15   | Introduction, Background and Threat Landscape                                 |
| 9:15-10:15  | Getting Started on "The First Mile" - Cybersecurity Fundamentals              |
| 1015-1030   | Break   |
| 10:30-11:30 | Assessing Vulnerabilities and Developing a Cybersecurity Risk Management Plan |
| 11:30-12:00 | Discussion  |