

# Tri-Con Pre-Conference Workshop

## Cybersecurity

TUESDAY 1:00 pm – 5:00 pm, Room 203 – 204:

Presented by **Kevin M. Morley**, PhD, Manager, Federal Relations for the American Water Works Association (AWWA)

### Course Description:

The water sector has been the subject of increased targeting by cyber threat actors for monetary gain and comprising continuity of operations. This reality requires proactive measures to mitigate vulnerabilities and develop incident response capabilities by all types of water utilities. Cyber threats do not discriminate by utility size or type. This workshop is designed to empower utility owner/operators to understand the threat, assess vulnerabilities, leverage tools to mitigate risks and prepare to respond.

### Learning Objectives:

- *Awareness* – Why is Cybersecurity Important? Preparing for 2<sup>nd</sup> round of AWIA Compliance & Enforcement Threat landscape & targeting of water systems.
- *Assessment* – How to evaluate cyber vulnerabilities - reviewing recommended controls.
- *Action* – Implementing recommendations & Supporting Resources Incident Response and Recovery.

### About the Speaker(s):

Kevin Morley is the Manager, Federal Relations for the American Water Works Association (AWWA). Over the past 20 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 and the Water Sector Coordinating Council. 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.