



Cybersecurity

August 29, 2023 from 2 to 3 p.m. ET

**Optional Q&A session
from 3 to 3:30 p.m. ET**

A certificate of
attendance will
be offered for
this webinar

Tools and Resources to Help Your Small Systems Build Cyber Resilience

This presentation will provide utilities with information on freely available resources and funding opportunities that utilities can take advantage of to reduce the threat of cyber attacks.

Nushat Thomas, M.S.

EPA's Office of Water



Nushat leads a team of cybersecurity analysts to ensure water and wastewater systems are prepared to respond and recover from cyber incidents. She holds an M.S. in environmental studies from

Virginia Commonwealth University and a B.S. in chemistry from Johnson C. Smith University.

Water Distribution System Operational Technology Cybersecurity Research

This presentation will discuss EPA's first-of-its-scale water security test bed, which replicates a section of a typical municipal drinking water piping system. This EPA-developed test bed evaluates infrastructure and premise plumbing decontamination technologies and mobile emergency water treatment systems. Future research will focus on prevention, mitigation, and quick return-to-service of distribution system operational technology hardware and software compromised by cyber attacks.

Jeff Szabo, Ph.D., P.E.

EPA's Office of Research and Development



Jeff conducts and manages water security research projects at EPA's Test and Evaluation facility and the Water Security Test Bed at the Idaho National Lab. These projects include examining chemical, biological, and radiological

contaminant persistence on drinking water and wastewater infrastructure and evaluation of decontamination and water treatment methods. Jeff holds a Ph.D. and an M.S. in environmental engineering and a B.S. in chemical engineering from the University of Cincinnati.

Registration: us02web.zoom.us/webinar/register/WN_76cEYIzTRmaL6RA7yEHb8g

Who should attend?

The series is designed for state, tribal, and territory personnel responsible for drinking water regulations compliance and treatment technologies permitting. Water system operators, technical assistance providers, local government personnel, and others may benefit from attending.

Looking for more webinars?

EPA's Small Drinking Water Systems Webinar Series is typically held on the last Tuesday of the month from 2 to 3:30 p.m. ET.

epa.gov/water-research/small-drinking-water-systems-webinar-series

