

# CIFA SRF WORKSHOP

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## Engage Exchange Excel

### Climate Resiliency

Monday, November 13 • 10:45 am – Noon • Oklahoma Station 3

#### **Keeping Up With the Climate**

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Learn about technical assistance and financial incentives to help utilities build resiliency for a changing climate. Hear about EPA's technical assistance program to help utilities develop adaptation strategies based on a risk assessment of the potential impacts from extreme weather events, from drought to flooding. Find out how SRFs can help utilities access direct payments established by the Inflation Reduction Act for projects to reduce the carbon footprint of utilities, including projects for energy efficiency, biogas reuse, biosolids management and clean cars. Hear the latest on the Leakage Emissions Initiative, an effort to quantify the connection between water loss and its impact on reducing carbon emissions.

**Moderator:** Kiri Anderer, U.S. Environmental Protection Agency

**Presenters:**

- Kaumudi Atapattu, Morgan Stanley
- Steve Cavanaugh, Cavanaugh & Associates
- Steve Fries, U.S. Environmental Protection Agency

#### **Meet the Moderator**

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##### **Kiri Anderer, U.S. Environmental Protection Agency**

Kiri Anderer is the Branch Supervisor of the Water Infrastructure Technical Support Branch (WITSB), which makes up half of the Drinking Water State Revolving Fund Team at EPA Headquarters. WITSB contains the Drinking Water Infrastructure Needs Survey and Assessment; Build America, Buy America and American Iron and Steel requirements; program eligibility; and fiscal integrity and controls. During her over 25-year career in the water sector, Kiri has spent the last 14 years with EPA on the Drinking Water SRF Team working on domestic preference requirements, as well as resiliency and eligibility aspects of the program. Prior to EPA, Kiri spent 11 years working as a consulting engineer in the Baltimore and then Phoenix metropolitan areas, assisting communities with integrated water resource planning. Kiri is a registered Professional Engineer in Maryland. She has a Bachelor of Science in Civil Engineering from Lehigh University, and a Master of Public Policy from The George Washington University.

## Meet the Presenters

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### **Kaumudi Atapattu, Morgan Stanley**

Kaumudi Atapattu is an Executive Director at Morgan Stanley where she works with SRF, municipal water and wastewater, and public power issuers nationally to raise capital for new projects, refinance outstanding debt obligations and develop and execute financing strategies utilizing a suite of long and short-term tax-exempt, taxable or private placement products in the municipal market. She also specializes in structured financings such as municipal securitizations and energy prepayments. Kaumudi started her career as a civil and environmental engineer providing consulting services to municipal clients, developing strategic master plans and comprehensive water/wastewater solutions for clients nationally. Kaumudi has a bachelor of science in engineering from the University of Mississippi and a master of science in engineering and MBA from the University of California, Berkeley.

### **Steve Cavanaugh, Cavanaugh & Associates**

Steve Cavanaugh is President of Cavanaugh & Associates. As President, Steve is a creative visionary with an unshakable dedication to environmental stewardship and preservation, which has led him to work with public and private sectors, both nationally and internationally for over three decades developing innovative solutions to some of today's most challenging issues. Steve has dedicated his career to advancing water efficiency practices and harnessing renewable energy. His next frontier is illuminating the carbon associated with utility leakage and helping chart the course to effective reduction. He serves as the Chair of the International Water Association – Water Loss Specialist Group - Leakage Emissions Initiative. Steve has a BS in Civil Engineering from NC State University, and is a licensed Professional Engineer.

### **J. Stephen Fries, U.S. Environmental Protection Agency**

J. Stephen Fries is the technical assistance project lead for EPA's Creating Resilient Water Utilities initiative (<http://www.epa.gov/crwu>), supporting water utilities in their recognition of climate risks and use of decision support tools for mitigation of potential loss and increased operational resilience. Previously, Steve led the Analytics and Scientific Program Support Group at CSC and was an American Association for the Advancement of Science Science & Technology Policy Fellow with EPA's Global Change and Drinking Water Research Programs. He holds a Ph.D. in Civil & Environmental & Oceanographic Engineering from the Massachusetts Institute of Technology & Woods Hole Oceanographic Institution Joint Program and a Dual B.S. in Civil Engineering and Engineering Public Policy from Carnegie Mellon University.