

# Building Resilience and Adapting to Climate Change: Webinar Training for Drinking Water and Wastewater Utilities

## Bios for Speakers and Course Instructors:

**Name:** Curt Baranowski, Water Security Division, U.S. Environmental Protection Agency (EPA)

**Topics to cover:** *US EPA's Creating Resilient Water Utilities Tools & Resources Overview*

**Bio:** Curt Baranowski leads the EPA's Creating Resilient Water Utilities (CRWU) initiative, which provides resources for drinking water and wastewater utilities to address to climate change by promoting a clear understanding of climate science and adaptation options. Before working on climate-related water issues, Mr. Baranowski managed Agency programs that provided technical assistance and training to small community wastewater utilities. Mr. Baranowski has been with the EPA's Office of Water since 1998. Prior to joining EPA, he worked in the water and air programs of the New Jersey Department of Environmental Protection.

**Name:** Alfredo Lagos, Federal Civilian Division, GDIT

**Topics to cover:** *Co-instructor for CREAT Training*

**Bio:** Alfredo Lagos is an Emergency Management/Response Specialist with GDIT. Mr. Lagos has more than 20 years of emergency management and response experience. His expertise is in the areas of preparedness planning, emergency response and recovery, emergency management, training/instructional design and teaching, exercise design and facilitation. He has provided support to the EPA Water Security Division Creating Resilient Water Utilities (CRWU) initiative during the past four years as a trainer for the long-term planning and resilience workshops. Mr. Lagos also contributes expertise in emergency management to support the EPA Emergency Preparedness, Response and Recovery initiatives. Mr. Lagos assists the EPA Water Security Division Emergency Response (ER) Team with developing guidance documents, online and classroom training classes as well as exercise design and facilitation.

**Name:** Mary Jo Kricorian, Federal Civilian Division, GDIT

**Topics to cover:** *Co-instructor for CREAT Training*

**Bio:** Mary Jo Kricorian is a Senior Environmental Analyst with GDIT. Ms. Kricorian has more than 22 years of experience as an environmental analyst with extensive data management and technical analysis skills. As part of her academic background, both as a student and as a university instructor, Ms. Kricorian has significant experience in the application of scientific research methods, including both field and laboratory work. Ms. Kricorian's experience has included technical data analysis, software testing and support, training in the use of software systems, database management and data importing, technical writing and research and website development. Ms. Kricorian has worked extensively with various EPA application tools that involved EPA's Geoplatform, thus increasing her knowledge and familiarity on the framework. She has also developed GIS and other presentations of technical data for EPA regulatory documents, websites, papers, and conferences. In addition, Ms. Kricorian is an expert in developing Excel spreadsheet and templates involving complicated templates and formatting. Ms. Kricorian has supported efforts related to data analysis and tracking for various programs, including the development of reporting templates and applications to support the management and analysis of complex data.

### Climate Trends and Projections for the Water Sector:

- **Name:** Dr. Christine Shirley, OR Department of Land Conservation and Development
- **Topics to cover:** *Climate Trends and Projections for the Water Sector*
- **Bio:** TBD

*(OLD; here for context only) Dr. Martha Shulski, Nebraska State Climatologist, is the director of the Nebraska State Climate Office and an associate professor at the School of Natural Resources at Nebraska. She has degrees in meteorology, agriculture meteorology, soil science and climatology, and utilizes her degrees to help understand the causes and drivers of climate variability in Nebraska and the world. She speaks on historical climate trends and climate change.*

Utility Resilience Planning: Local Examples and Case Studies:

- **Name:** Christina Davenport, City of Bend Water
- **Topics to cover:** *Utility Resilience Planning: Local Examples and Case Studies*
- **Bio:** Christina Davenport is the Environmental Compliance at City of Bend Water. She is an influential program manager proficient in water, wastewater and environmental compliance. She is an empathic and inclusive leader with a proven ability to build beneficial relationships and collaborative teams. She has over 15 years of experience developing and managing quality, innovative programs in city, county and state government. She is a skilled public speaker who is able to disseminate information effectively to diverse audiences. She is a pioneering strategist, finding creative solutions to problems and/or conflicts.

Finance Speakers:

CREAT Training Session 3

- **Name:** Kristin K'eit, Rural Community Assistance Corporation (RCAC)
- **Topics to cover:** *Overview of funding resources available for resilience and adaptation projects*
- **Bio:** TBD  
*(OLD; here for context only) Nick is a licensed Professional Engineer in the State of Kansas. Mr. Willis graduated from the University of Nebraska-Lincoln with a B.S. in Biological Systems Engineering and from the Norwegian University of Life Sciences with an MSc in Agroecology. He has experience in National Pollutant Discharge Elimination System regulation with the Arkansas Department of Environmental Quality, and water conservation and water, wastewater and stormwater utility management with the City of Hays, KS.*
- **Name:** David Goldbloom-Helzner, Water Security Division, U.S. Environmental Protection Agency (EPA)
- **Topics to cover:** *Overview of funding resources available for resilience and adaptation projects*
- **Bio:** David Goldbloom-Helzner is a Physical Scientist with EPA. He has developed national level expertise in the field of resilience, emergency management, and infrastructure protection related to natural disasters, terrorism, and technological accidents. For the last 7 years, he has worked for the EPA Office of Water (OW) Water Security Division (WSD). He focuses on leadership in resilience and mitigation, management and supervisory activities, and partnerships with stakeholders. He has worked with high ranking EPA officials to develop national policy on implementing emergency preparedness and resilience efforts for the water and wastewater sector. He also represented EPA in high level meetings and workgroups and participated in strategic planning as well as budgeting. In January 2017, he was awarded EPA's Ambassador Award for effective collaborative relationships on emergency management across federal, state, and local organizations and agencies. As a member of the Emergency Response Team in WSD, he responded to emergencies, conducted emergency exercises, conducted incident response training, and developed hazard and resilience tools to address natural disasters.

CREAT Training Session 4

- **Name (Pilot Utility Representative):** Christina Davenport, City of Bend Water
- **Topics to cover:** *Facilitated discussion of how a utility can apply for a specific funding program for its resilience and adaptation projects*
- **Bio:** Christina Davenport is the Environmental Compliance at City of Bend Water. She is an influential program manager proficient in water, wastewater and environmental compliance. She is an empathic and inclusive leader with a proven ability to build beneficial relationships and collaborative teams. She has over 15 years of experience developing and managing quality, innovative programs in city, county and state government. She is a skilled public speaker who is able to disseminate information effectively to diverse audiences. She is a pioneering strategist, finding creative solutions to problems and/or conflicts.
  
- **Name (State Funding Program SME Oregon):** Chris Marko, Oregon Department of Environmental Quality
- **Topics to cover:** *Facilitated discussion of how a utility can apply for a specific funding program for its resilience and adaptation projects*
- **Bio: TBD**  
*(OLD; here for context only) Nick is a licensed Professional Engineer in the State of Kansas. Mr. Willis graduated from the University of Nebraska-Lincoln with a B.S. in Biological Systems Engineering and from the Norwegian University of Life Sciences with an MSc in Agroecology. He has experience in National Pollutant Discharge Elimination System regulation with the Arkansas Department of Environmental Quality, and water conservation and water, wastewater and stormwater utility management with the City of Hays, KS.*
  
- **Name (State Funding Program SME Idaho):** Speaker TBD, Organization TBD
- **Topics to cover:** *Facilitated discussion of how a utility can apply for a specific funding program for its resilience and adaptation projects*
- **Bio: TBD**  
*(OLD; here for context only) Nick is a licensed Professional Engineer in the State of Kansas. Mr. Willis graduated from the University of Nebraska-Lincoln with a B.S. in Biological Systems Engineering and from the Norwegian University of Life Sciences with an MSc in Agroecology. He has experience in National Pollutant Discharge Elimination System regulation with the Arkansas Department of Environmental Quality, and water conservation and water, wastewater and stormwater utility management with the City of Hays, KS.*
  
- **Name (State Funding Program SME Washington):** Speaker TBD, Organization TBD
- **Topics to cover:** *Facilitated discussion of how a utility can apply for a specific funding program for its resilience and adaptation projects*
- **Bio: TBD**  
*(OLD; here for context only) Nick is a licensed Professional Engineer in the State of Kansas. Mr. Willis graduated from the University of Nebraska-Lincoln with a B.S. in Biological Systems Engineering and from the Norwegian University of Life Sciences with an MSc in Agroecology. He has experience in National Pollutant Discharge Elimination System regulation with the Arkansas Department of Environmental Quality, and water conservation and water, wastewater and stormwater utility management with the City of Hays, KS.*

- **Name (Federal Funding Program SME):** Speaker TBD, Organization TBD
- **Topics to cover:** *Facilitated discussion of how a utility can apply for a specific funding program for its resilience and adaptation projects*

- **Bio:** TBD

*(OLD; here for context only) Nick is a licensed Professional Engineer in the State of Kansas. Mr. Willis graduated from the University of Nebraska-Lincoln with a B.S. in Biological Systems Engineering and from the Norwegian University of Life Sciences with an MSc in Agroecology. He has experience in National Pollutant Discharge Elimination System regulation with the Arkansas Department of Environmental Quality, and water conservation and water, wastewater and stormwater utility management with the City of Hays, KS.*