

## Training Objectives

- Share information about how environmental conditions and extreme weather events (e.g., drought and flooding) could impact drinking water, wastewater, and stormwater utilities in the southwestern U.S.
- Introduce EPA's Creating Resilient Water Utility (CRWU) resources and tools.
- Begin the process of conducting a risk assessment using the Climate Resilience Evaluation and Awareness Tool (CREAT).
- Identify and share information on adaptation strategies to build utility long-term resilience.
- Share information on available resources for financing resilience and adaptation.

## Agenda

Duration	Item
8:00 a.m.	<b>Registration</b>
8:30 a.m.	<b>Welcome, Agenda Review and Participant Introductions</b> Brie Thompson, Washington County Water Conservancy District
9:00 a.m.	<b>Presentation: Regional Extreme Weather Projections and Water Sector Impacts</b> Brian McInerney, National Weather Service <i>Presentation on observed and projected regional extreme weather variability and the potential impacts on water, wastewater and stormwater utilities, as well as relevant data resources.</i>
9:20 a.m.	<b>Presentation: Adaptation Utility Case Study</b> Ashley Nay, Weber Basin Water Conservancy District (WBWCD) <i>Presentation on how WBWCD has implemented adaptation measures as part of a Drought Contingency Plan looking at climate variability. WBWCD has examined actions to be better prepared for future drought events as well as other emergency events.</i>
9:40 a.m.	<b>Presentation: CRWU Overview</b> <i>Introduction to the CRWU resources and tools.</i>
10:00 a.m.	<b>Presentation: CREAT Overview</b> <i>Introduction to the CREAT process and outputs to understand how to approach a CREAT assessment and apply the results.</i>
10:10 a.m.	<b>CREAT Module 1: Climate Awareness</b> <i>Learn about basic functionality of CREAT, start entering basic information about utility location and current concerns, and review the module summary report.</i>
10:30 a.m.	<b>Break</b>

# Resilience Planning and Adaptation Training for Water and Wastewater Utilities

Duration	Item
10:45 a.m.	<b>CREAT Module 2: Scenario Development</b> <i>Learn how to design scenarios of future climate conditions using climate data projections and review the module summary report.</i>
11:30 a.m.	<b>CREAT Module 3: Consequences &amp; Assets</b> <i>Think critically about potential consequences from extreme weather and other environmental threats, characterize assets that are vulnerable to those threats and review the module summary report.</i>
12:00 p.m.	<b>Lunch (will be provided on-site)</b>
12:50 p.m.	<b>Jeopardy</b>
1:00 p.m.	<b>CREAT Module 4: Adaptation Planning, Part 1</b> <i>Learn how to identify existing adaptation measures that address extreme weather and other environmental threats.</i>
1:20 p.m.	<b>Small Groups: Identifying Potential Adaptation Measures</b> <i>Discuss the strengths and weaknesses of potential adaptation measures that can reduce consequences from extreme weather and other environmental threats, and identify priority measures for implementation.</i>
1:50 p.m.	<b>Discussion: Prioritization of Potential Adaptation Measures</b> <i>Report on the outcomes of the small group discussions. Discuss how individual utility experiences informed the prioritization of the measures selected by the group.</i>
2:15 p.m.	<b>Break</b>
2:30 p.m.	<b>CREAT Module 4: Adaptation Planning, Part 2</b> <i>Enter priority potential adaptation measures identified in the small groups into CREAT, build adaptation plans and review the module summary report.</i>
3:00 p.m.	<b>CREAT Module 5: Risk Assessment</b> <i>Assess the risks of extreme weather and other environmental condition threats to priority assets and review the assessment results and summary report.</i>
3:45 p.m.	<b>Presentation: Financing Resilience and Adaptation</b> Michael Grange, Utah Department of Environmental Quality Brad Bartholomew, Utah Division of Emergency Management <i>Review financial resources utilities can apply for to fund adaptation measures.</i>
4:15 p.m.	<b>Workshop Wrap-Up</b> <i>Review workshop themes and identify next steps.</i>
4:30 p.m.	<b>Adjourn</b>