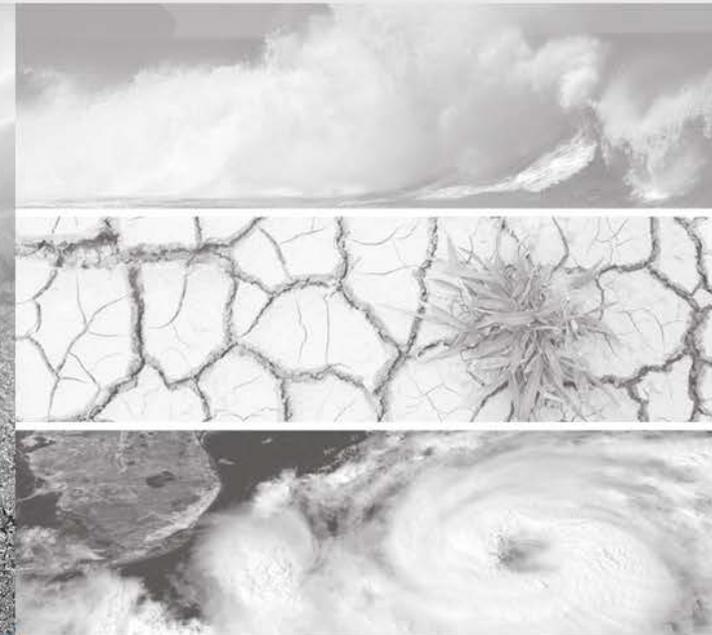
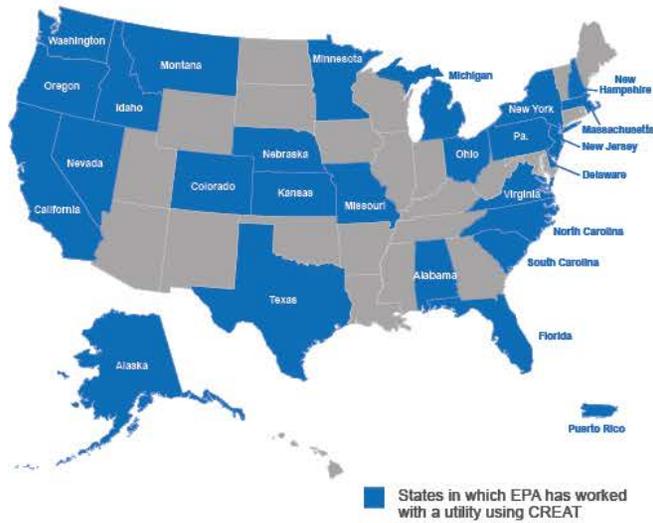


Creating Resilient Water Utilities Initiative



EPA has provided direct technical assistance to drinking water and wastewater utilities across the country to conduct climate change risk assessments using CREAT.

To learn more about how some of these utilities used CREAT to assess their climate change-related risks, develop adaptation plans and encourage climate change planning in their communities, watch the CRWU video series or visit the Adaptation Case Study and Information Exchange map at epa.gov/crwu.

Many opportunities exist for water sector utilities to address climate change challenges while simultaneously meeting the needs of growing communities, sensitive ecosystems, farmers, ranchers, energy producers and manufacturers.

In some areas, increased stormwater runoff, flooding or sea-level rise can impact water quality and utility infrastructure. CRWU tools can help utilities identify adaptation strategies that will protect utility infrastructure and operations, allowing utilities to provide reliable and sustainable service to their customers.

For more information, contact CRWUhelp@epa.gov or visit epa.gov/crwu.

The U.S. Environmental Protection Agency's Creating Resilient Water Utilities (CRWU) initiative provides drinking water, wastewater and stormwater utilities with the practical tools, training and technical assistance needed to increase resilience to current and future climate conditions.

Through a comprehensive planning process, CRWU assists water sector utilities by promoting a clear understanding of potential long-term adaptation options.

epa.gov/crwu

Adaptation Strategies Guide

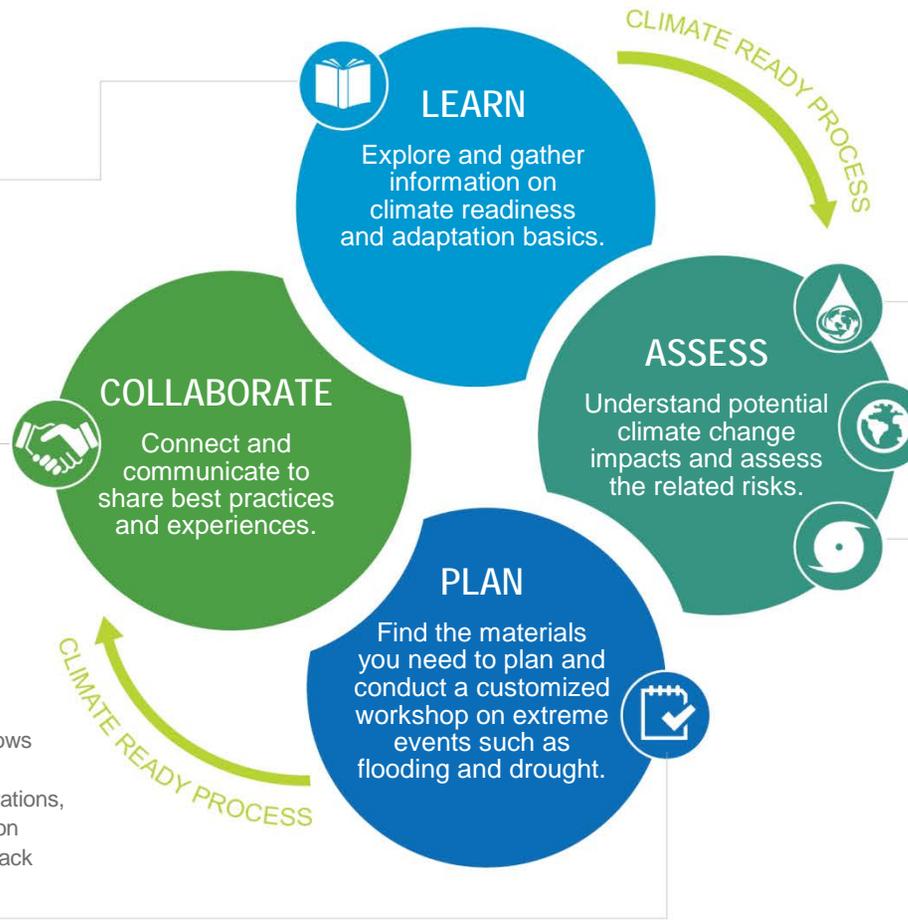
Review climate impacts and adaptation options by geographic location and utility type. The guide provides an introduction to climate change as well as adaptation planning, and highlights utility examples that demonstrate how climate challenges are being managed across the country.

Adaptation Case Study and Information Exchange

Explore real-world case studies of utilities addressing climate challenges. Review and submit potential adaptation strategies identified by utilities of similar type, location or climate challenge.

Workshop Planner for Climate Change and Extreme Events Adaptation

Design and facilitate an adaptation planning workshop that explores how more intense and frequent extreme weather events can affect water resources. This tool allows users to pick a climate scenario and customize materials to conduct a workshop, including invitations, agendas and presentations. A built-in registration management system allows you to invite and track participants.



Climate Resilience Evaluation and Awareness Tool (CREAT)

CREAT assists users with understanding potential climate change threats and assessing related risks. The tool guides users through a threat identification process and the design of adaptation plans based on their considered threats. CREAT features a series of simple modules, a user-friendly interface, updated climate data projections and improved monetized risk results.

CREAT Climate Scenarios Projection Map

Quickly access your location's potential climate future, including projected changes in annual total precipitation, annual average temperature, annual number of days over 100°F, 100-year storm intensity and sea-level rise.

Storm Surge Inundation Map

Explore worst-case coastal storm surge scenarios, the Federal Emergency Management Agency's 100- and 500-year flood maps, and historical hurricane strike data for your location on the East or Gulf coasts.