

## Climate Science to Engineering Operations for Watershed Management



ALEXANDRIA, VIRGINIA. U.S. Army Corps of Engineers (USACE) is a member of the Climate Change and Water Working Group (CCAWWG), an informal collaboration across a number of Federal agencies that have mission responsibilities related to water resources at risk from climate change threats.

CCAWWG convened a workshop on August 25-27, 2015 at the University of Washington to discuss using climate science and climate change information in preparing for and responding to climate change threats to water resources. The workshop, "Climate Science to Engineering Operations for Watershed Management," included reviews of the science and engineering applications carried out by CCAWWG agencies using

elements of the CCAWWG-published report, "Addressing Climate Change in Long-Term Water Resources Planning and Management: User Needs for Improving Tools and Information" (2011), as well as discussions of recurring and emerging needs for using climate science in mainstreaming climate change in water resources planning and operations.

In addition to USACE, CCAWWG includes the National Oceanic and Atmospheric Administration (NOAA), Bureau of Reclamation, U.S. Environmental Protection Agency (EPA), U.S. Geological Survey (USGS), Federal Emergency Management Agency (FEMA), U.S. Department of Agriculture (USDA), and National Aeronautics and Space Administration (NASA).

USACE participants included Chanel Mueller (MVP), Kristian Mikelson (NWS), Bryan Baker (ERDC-CRREL), Rhonda Anderson (NAE), and Kate White and Jeff Arnold (IWR). The workshop organizing committee will complete a short summary report of the workshop aims and major themes, which will be made available across the agencies comprising CCAWWG. Presentations and the agenda are available on the [CCAWWG website](#).