



# Climate Resilience: What to Expect, How to Prepare, and What You Can Learn from Others

The Watershed Academy



Wednesday, October 29, 2014

Two-hour Webcast

Eastern: 1:00p.m.–3:00p.m.

Central: 12:00p.m.–2:00p.m.

Mountain: 11:00a.m.–1:00p.m.

Pacific: 10:00a.m.–12:00p.m.

Join us for a webcast on climate resilience – the capacity of an individual, community, or institution to dynamically and effectively respond to shifting climate impacts while continuing to function at an acceptable level. This webcast will share findings from the most recent National Climate Assessment report concerning climate change and water resources. It will also discuss a new resource from EPA to help communities prepare for climate change impacts.

The workbook *Being Prepared for Climate Change: A Workbook for Developing*

*Risk-Based Adaptation Plans* ([www2.epa.gov/cre/risk-based-adaptation](http://www2.epa.gov/cre/risk-based-adaptation)) helps users to create a vulnerability assessment and identify adaptation actions to address their vulnerabilities. The webcast will highlight how the workbook has been used in a pilot project with the San Juan Bay Estuary program. Take home messages from the Webcast include: climate impacts on U.S. water resources, risk-based adaptation planning and decision-making tools and lessons learned from the pilot project.



The Webcast presentation will be posted in advance at [www.epa.gov/watershedwebcasts](http://www.epa.gov/watershedwebcasts). Also, webcast participants are eligible to receive a certificate for their attendance.

## Expert Speakers:

**Dr. Paul Fleming, Manager, Climate and Sustainability, Seattle Public Utilities** – Dr. Paul Fleming manages the climate resiliency program for the Seattle Public Utilities (SPU) where he is responsible for leading climate research initiatives, assessing climate risks, developing adaptation and mitigation strategies and establishing collaborative partnerships. Dr. Fleming is also an active participant in several national and international efforts focused on water and climate change. He was appointed to the National Climate Assessment Development Advisory Committee, which oversaw the development of the 2013 U.S. National Climate Assessment (NCA) for the federal government. He was a Convening Lead Author of the Water Resources chapter and a Lead Author of the Adaptation chapter of the NCA.

**Dr. Michael Craghan, Lead, Climate Ready Estuaries, Office of Wetlands, Oceans and Watersheds, U.S. EPA** – Dr. Michael Craghan serves as the lead for EPA's Climate Ready Estuaries program. He has been working in science, education, and public policy regarding the environment and hazards for more than twenty years. Dr. Craghan has taught in both the Geography and the Marine Sciences Departments at Rutgers University, and for the Earth and Atmospheric Science Department at City College of New York. He has also worked on climate change projects for the Committee on the Human Dimensions of Global Change at the National Academy of Sciences. He has worked for the National Flood Insurance Program as an engineer in FEMA's Mitigation Division. He has a B.S. in Civil Engineering and M.S. and Ph.D. degrees in Geography.

**Kasey R. Jacobs, Partnership and Outreach Coordinator for the Caribbean Landscape Conservation Cooperative and San Juan Bay National Estuary Program – Project Coordinator for Climate Ready Estuaries** – Kasey Jacobs is the Partnership & Outreach Coordinator for the Caribbean Landscape Conservation Cooperative and she also serves as the San Juan Bay National Estuary Program – Project Coordinator for Climate Ready Estuaries. Prior to this, Kasey served in the Puerto Rico Coastal Zone Management Program in the Department of Natural and Environmental Resources as a NOAA Coastal Management Fellow. Originally from Long Island, New York and South Florida, Kasey completed her Bachelor of Science in Marine Environmental Science from Southampton College and graduated with a master's degree from the Yale School of Forestry and Environmental Studies.

**Registration:** You must register in advance to attend this webcast. Register at the Watershed Academy Webcast website at [www.epa.gov/watershedwebcasts](http://www.epa.gov/watershedwebcasts).

**Questions?** Please contact Beth Orr at [beth.orr@tetrattech.com](mailto:beth.orr@tetrattech.com).

*The materials in this webcast have been reviewed by U.S. EPA staff for technical accuracy. However, the views of the speakers and the speakers organizations are their own and do not necessarily reflect those of U.S. EPA. Mention of commercial enterprises, products, or publications does not mean that U.S. EPA endorses them.*