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EPA Climate Change and Water News is a bi-weekly newsletter from the U.S. Environmental Protection Agency (EPA) Office of Water that covers climate change and water-related news from EPA, other U.S. Federal agencies, and partners. To learn more about climate change impacts on water resources, visit our website at: <http://www2.epa.gov/climate-change-water-sector>.

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EPA News

EPA Releases Updated Federal Interagency Report on Freshwater Resources in a Changing Climate

An updated report addressing ways to build resilience to climate change for water resources has been released by the federal Water Resources and Climate Change Workgroup. “Looking Forward: Priorities for Managing Freshwater Resources in a Changing Climate” updates a 2011 National Action Plan and outlines priority actions to make progress in three key areas: data and research; planning and decision support; and training and outreach. Fourteen federal agencies were involved in developing this report and are undertaking efforts to build the nation’s preparedness to extreme events.

[Read the Full Report.](#)

Climate and Health Assessment Kits Now Available from EPA

EPA has developed eight communication kits that summarize key points from *The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment* for the different populations that are disproportionately affected by climate-change impacts. The agency is providing these materials for use and modification by anyone seeking to communicate the health impacts of climate change to a range of audiences.

[Read the Full Report.](#)

[Access the Kits.](#)

EPA Launches Water Progress Storymap

EPA has launched an interactive, multimedia storymap to highlight the progress made to protect America's waters since 2009. The storymap features the most prominent accomplishments within the following areas: clean water protection; drinking water safety; water infrastructure; community assistance; climate change resilience; and science and innovation. The storymap is a snapshot of EPA's ongoing efforts toward clean and reliable water.

[Learn More.](#)

Federal News

White House Announces Actions to Protect Natural and Cultural Resources in Alaskan Arctic Ocean

The Administration is taking steps to enhance the resilience of the Alaskan Arctic environment and the sustainability of Alaska Native communities. Through an Executive Order, President Obama recognizes the 112,300 square mile Northern Bering Sea Climate Resilience Area, and establishes a Task Force charged with coordinating federal activities in this area to enhance ecosystem and community resilience, conserve natural resources, and protect the cultural and subsistence values they provide.

[Read the Fact Sheet.](#)

A New Interactive Education Module on Climate Change Responses

The Climate Change Resource Center at the U.S. Forest Service has released an interactive online education module on climate change adaptation responses. The module, "Responses to Climate Change: What You Need to Know", provides a brief overview of adaptation options for resistance, resilience, and transition, and how to incorporate these ideas into natural resource planning and activities.

[Access the Module.](#)

Landscape Conservation Cooperative Network Story Map

Check out the Landscape Conservation Cooperative (LCC) Network's Story Map, which debuted this fall and showcases stories from across the 22 LCCs. These stories feature projects that demonstrate the breadth and depth of the LCCs' work with the Climate Science Centers and other partners.

[Learn More.](#)

Other News

How Transit Agencies Are Prepping for the Next Big Storm

Of all the safety risks that could threaten public transportation, a survey of transit officials found that after collisions, extreme weather events were their second-highest concern. The survey asked respondents about the most common types of extreme weather their agencies experience, their perception of future risk, and how their organizations are preparing for and responding to threats.

[Learn More.](#)

2017 National Environmental Justice Conference and Training Program

The 2017 National Environmental Justice Conference and Training Program (NEJC) is seeking abstracts for their upcoming conference on "Enhancing Communities Through Capacity Building and Technical

Assistance." The conference planners are interested in panel presentations, workshops, training modules, case studies, best practices, and success stories in all environmental justice related areas. Deadline to submit abstracts: December 16, 2016.

[Learn More and Submit an Abstract.](#)

Climate Change, Hydrology, and Fish Morphology

In this recently published study, biologists use the relationship between genetic traits and specific species habitat to predict species ability to genetically adapt to future habitats under climate change. Specifically, the authors examined this method of evaluating climate change impact on biodiversity using the relationship between fish body shape and stream flow as a case study. Results show some fish populations successfully altering their body shape at the rate that their habitat will change, while others were categorized as vulnerable species.

[Read the Full Article.](#)

Upcoming Events

[See a calendar of climate change and water-related training, conferences, and webinars.](#)

This newsletter is produced by the U.S. Environmental Protection Agency, Office of Water (EPA). For questions related to the newsletter, or to submit an item, email the editor at water_climate_change@epa.gov.

For past issues of EPA Climate Change and Water News, as well as further information on climate change impacts on water resources, visit: <http://www2.epa.gov/climate-change-water-sector>