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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>.*

#### **EPA News**

- [EPA Awards More than \\$4 Million for Three Projects to Protect and Restore San Francisco Bay](#)

#### **Federal News**

- [New Section of the CRT Helps Cities and Towns Build Resilience](#)
- [Updated SECURE Water Act Report to Congress](#)
- [NOAA Awards \\$44 Million for Climate Research to Improve Community Resilience](#)
- [Environmental Protection: Information on Federal Agencies' Expenditures and Coordination Related to Harmful Algae Report](#)
- [Nominations Open for Climate Adaptation Leadership Award](#)

#### **Other News**

- [Subdivision Design and Flood Hazard Areas Guide](#)
- [The Cost of Alternative Water Supply and Efficiency Options in California](#)
- [Michigan Office of the Great Lakes Releases Final Part of State Water Strategy](#)
- [Water Hotspots for Agriculture: The Southwest United States](#)

### **EPA News**

#### **EPA Awards More than \$4 Million for Three Projects to Protect and Restore San Francisco Bay**

The EPA announced \$4.2 million in federal grants to local, regional, and national entities for projects to restore wetlands, improve water quality and “green” the urban landscape in and around San Francisco Bay. The bay and its tributary streams, situated in an urban area with more than seven million people, provide crucial fish and wildlife habitat at the heart of the larger Bay-Delta Estuary. The bay’s users and nearby residents are all affected by threats to its ecological health, including legacy pollutants like mercury and PCBs, polluted stormwater, and the challenges of drought and climate change.

[View the Press Release.](#)

## **Federal News**

### **New Section of the CRT Helps Cities and Towns Build Resilience**

The new "Built Environment" section of the U.S. Climate Resilience Toolkit is designed to help people address a wide range of risks facing cities and towns.

[View the Press Release.](#)

[Explore the Built Environment Section.](#)

### **Updated SECURE Water Act Report to Congress**

The Bureau of Reclamation has published an updated SECURE Water Act Report to Congress. The report highlights findings from basin-specific collaborative planning studies to provide a West-wide perspective on anticipated impacts to water resources due to climate change and corresponding adaptation strategies. The report notes that projected changes in temperature, precipitation, and snowpack are likely to impact the timing and quantity of stream flows in all western basins, which could impact water available to farms and cities, hydropower generation, fish and wildlife, and other uses such as recreation. Alongside the report is a companion visualization tool that projects changes in temperature, precipitation, and snowpack across the eight major Reclamation river basins illustrated in the report.

[Read the Full Report.](#)

[Access the Visualization Tool.](#)

### **NOAA Awards \$44 Million for Climate Research to Improve Community Resilience**

The Climate Program Office awarded \$44.34 million for 73 new projects designed to help advance the understanding, modeling, and prediction of Earth's climate system and to foster effective decision making.

[View the Press Release.](#)

[See the Full List of Awards.](#)

### **Environmental Protection: Information on Federal Agencies' Expenditures and Coordination Related to Harmful Algae Report**

The Government Accountability Office release the Environmental Protection: Information on Federal Agencies' Expenditures and Coordination Related to Harmful Algae Report which provides information on 13 federal agencies' HAB-related expenditures from FY 2013 through 2015, plus coordination efforts led by federal agencies, states, international, and academic organizations. It also provides a summary of federal agencies' public websites regarding HABs, what causes them, their human health effects, key research, and more.

[Read the Full Report.](#)

### **Nominations Open for Climate Adaptation Leadership Award**

Do you know people or organizations that have made important gains in safeguarding our nation's natural resources from climate change? Recognize their outstanding efforts by nominating them for a 2017 Climate Adaptation Leadership Award for Natural Resources. Please submit your nomination by 8 p.m. EST on Friday, Nov. 18, 2016.

[Learn More and Nominate.](#)

## **Other News**

### **Subdivision Design and Flood Hazard Areas Guide**

This new American Planning Association publication is a guide to best floodplain planning practices for subdivision design. Readers will find tools to end the build-damage-rebuild cycle, save lives, protect property and lay the foundation for a better, drier future.

[Read the Full Report.](#)

## **The Cost of Alternative Water Supply and Efficiency Options in California**

This new Pacific Institute study is the first comparative analysis of the costs of alternative water supply and efficiency options in drought-stricken California, from seawater desalination to recycled water and efficiency measures. The report will help communities prioritize cost-effective water solutions.

[Learn More.](#)

## **Michigan Office of the Great Lakes Releases Final Part of State Water Strategy**

The Michigan Department of Environmental Quality, Office of the Great Lakes released the final piece of the Michigan Water Strategy. The collaboratively-developed plan features a series of 75 strategic recommendations for the sustainable management, protection and enhancement of Michigan's water resources. The fourth part of the Water Strategy highlights recommendations for developing water monitoring systems and governance tools to improve collaboration, support decision making and promote stewardship of Michigan's water resources.

[Read the Full Strategy.](#)

## **Water Hotspots for Agriculture: The Southwest United States**

As climate change and increased water demand put pressure on the Southwest's limited water supplies, a new report by the Pacific Institute researchers examines projected changes in the region and provides recommendations for reducing future water shortage risks for agriculture.

[Learn More.](#)

## **Upcoming Events**

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

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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](mailto: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>