



June 2023 CCRP Update

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The Climate Re:sp^onse

Climate Change Response Program
National Park Service
U.S. Department of the Interior



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What do YOU picture when you think of COASTAL CHANGE?



What's the likelihood of coastal change the U.S. Northeast?

Coastal communities, ecosystems, habitats, and cultural resources can be threatened by hazards associated with coastal change. Understanding where this change is most likely to occur and which types of hazards are more likely to affect a specific location is essential to planning for future vulnerabilities to people and resources.

A new [Coastal Change Likelihood Assessment](#) for the U.S. northeast coast helps identify where change may be most likely in the next decade. The tool was developed by USGS in cooperation with the NPS Northeast Archeological Resources Program and funded through the NPS Natural Resource Preservation Program. The new assessment represents a significant evolution of the earlier USGS Coastal Vulnerability Index (CVI) method.

The full methods report and all data can be accessed on the [USGS Coastal Change Likelihood website](#).

Upcoming Training

Upcoming Regional Courses from Earth to Sky



The [Earth to Sky Partnership](#) nurtures and supports a growing community of interpreters, educators and scientists learning and sharing science and communication techniques, with a particular focus on climate change. ETS will offer two courses in New Mexico this year, including:

- [Los Alamos \(July 18-20, 2023\)](#)
- [Albuquerque \(October 25-27, 2023\)](#)

Earth to Sky is a partnership between NASA, the U.S. Fish and Wildlife Service and the National Park Service.

New and Notable



NPS.gov / Home / Climate Change

How Monitoring Informs Park Conservation in a Changing Climate

When coupled with climate trends, long-term monitoring can help us understand what to expect over the next few decades and provide park managers with time and tools to plan for a range of scenarios. With the information we have right now, the NPS Inventory & Monitoring Division can describe how sensitive and vulnerable ecosystems and species are to climate factors such as warming temperatures, drought, and the shift in seasons. We can model and forecast trends into the future to help park managers explore climate change scenarios. Managing parks within the context of a changing climate is where we are—now—and we can provide park managers the specifically tailored information and tools they need for decision making.



Climate Adaptation Planning

How long-term monitoring helps inform park-based climate adaptation planning



Climate Trends and Models

Climate information from an extensive network of weather stations is the basis for understanding climate trends and extreme events.



Vulnerability Assessments

Species and ecosystems respond differently to climate change. Long-term monitoring helps identify where and when they are most vulnerable.

This month, the Inventory and Monitoring Division (IMD) published [a series of excellent web pages on NPS.gov](#) highlighting relevant climate change topics. The pages help underscore the importance of IMD efforts in meeting park management challenges posed by the climate crisis.

Does your park or program host relevant climate change information? [A recent analysis](#) revealed BIG opportunities for doing so across NPS.gov!

Would you like assistance creating climate-related content for your park website this year? We can help! Contact larry_perez@nps.gov for more information.

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National Park Service Climate Change Response Program
1201 Oak Ridge Drive, Suite 200, Fort Collins, CO 80525
climate_change@nps.gov

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