

United States

Compendium of federal nature-based resources



TYPE OF TOOL
*Methodology/
Guidelines/
Requirements*



MAIN SECTORS
All sectors



THEME
*Green;
Resilience*



INFRASTRUCTURE GOVERNANCE PILLARS
Long-term strategic vision

In a nutshell



OBJECTIVE: The compendium of federal nature-based resources for coastal communities, states, tribes, and territories is aimed at supporting evaluation, enabling and investment in nature-based adaptation strategies.



Agency in charge
Coastal Resilience Interagency Working Group



Levels of government
Federal



Year of implementation
2022



Current status
Fully operational

Overview

The impacts of climate change and more frequent and severe extreme weather events, along with sea level rise, erosion, and other stressors, are challenging—and in some cases, devastating—coastal communities, infrastructure, and the resources the economy depends on. The effects of ocean warming and sea level rise are threatening the natural and built environment, requiring strategic investments in mitigation measures that account for changing conditions. The strategic and effective use of nature-based solutions plays an important role in addressing coastal resilience challenges. To aid in the use and implementation of nature-based solutions for coastal resilience, the United States has established the Coastal Resilience Interagency Working Group (IWG), co-led by the White House Council on Environmental Quality (CEQ) and the National Oceanic and Atmospheric Administration (NOAA). It works to co-ordinate and accelerate the Federal Government's efforts to increase resilience in the country's coasts and coastal communities that are impacted by climate change. Nature-based solutions offer significant benefits, monetary and otherwise, often at a lower cost than more traditional infrastructure. To ensure that the advantages of infrastructure investments, including nature-based solutions, are received by historically disadvantaged and marginalised communities, the US established the Justice40 Initiative, a whole-of-government effort that aims to deliver 40 percent of the overall benefit of federal investments in climate to disadvantaged communities. The country has established many programs and funding sources for nature-based solutions that can target coastal resiliency. Notably, the Bipartisan Infrastructure Law (Infrastructure Investment and Jobs Act), investment in the country's infrastructure and competitiveness, includes \$50 billion for climate resiliency programs. The US has developed a compendium that streamlines access to recommended federal resources and guidance on coastal green infrastructure, nature-based solutions, and habitat restoration that are available to assist coastal communities, states, tribes, and territories in evaluating, enabling, and investing in nature-based adaptation strategies.

REFERENCES:

- White House Coastal Resilience Interagency Working Group (2022), *Nature Based Solutions Resources Guide*, <https://www.whitehouse.gov/wp-content/uploads/2022/11/Nature-Based-Solutions-Resource-Guide-2022.pdf>