

# BUILDING RESILIENT COASTAL COMMUNITIES USING THE PARTNERSHIP APPROACH

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Just as the challenges facing coastal communities are immense and varied, so must be our nation's response.

Diverse public and private organizations are working together to identify needs and develop the suite of resources (data, information, tools, training, etc.) most needed by coastal communities. Some resources are national in scope and have broad applicability; others are very specific in terms of function or geographic focus.

The examples below are collaborations of the National Oceanic and Atmospheric Administration (NOAA), The Nature Conservancy (TNC), and the Association of State Floodplain Managers (ASFPM). They are not intended to be exhaustive but representative of their partnership efforts.

- **Climate Resilience Toolkit** – [toolkit.climate.gov/](http://toolkit.climate.gov/)

This national platform provides tools, case studies, trainings, and suggested steps for people who want to improve business and community resilience. Hosted by NOAA.

- **Digital Coast** – [www.coast.noaa.gov/digitalcoast](http://www.coast.noaa.gov/digitalcoast)

Covering the coastal U.S., this information platform provides hazard-related resources from a variety of organizations. Sponsored by NOAA's Office for Coastal Management.

- **Coastal Resilience Approach and Tool** – [www.coastalresilience.org](http://www.coastalresilience.org)

This domestic and international effort focuses on nature-based solutions for disaster risk reduction and climate adaptation. Led and hosted by TNC.

- **Great Lakes Coastal Resilience Planning Guide** – [www.greatlakesresilience.org](http://www.greatlakesresilience.org)

Great Lakes communities use this resource to learn from others. Case studies and the maps, tools, and data needed to replicate the case studies in other Great Lakes locations are provided. Led and hosted by ASFPM.

To learn more about each of these resources, please see the reverse of this page.



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## Digital Coast

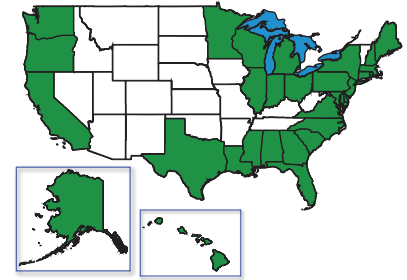
[www.coast.noaa.gov/digitalcoast](http://www.coast.noaa.gov/digitalcoast)

**Purpose:** To deliver not only the data, tools, and training needed by coastal communities but also the examples that show how communities are using these resources to build resilience. Many organizations contribute content.

**Key Feature:** National platform to get data, tools, and training to address key coastal issues.

**Geography:** Coastal U.S. including the Great Lakes.

**Partnership:** Developed in collaboration with the Digital Coast Partnership and hosted by NOAA's Office for Coastal Management.



## Climate Resilience Toolkit

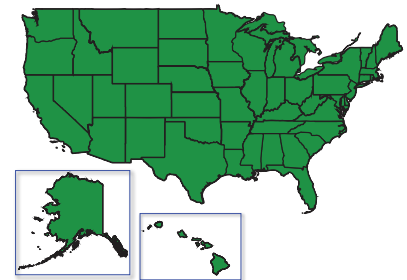
[toolkit.climate.gov](http://toolkit.climate.gov)

**Purpose:** To help people understand and manage climate-related risks and opportunities, and find and use tools, information, and subject-matter expertise to make communities and businesses more resilient to extreme events.

**Key Feature:** National platform providing tools, case studies, trainings, and steps for climate resilience.

**Geography:** National

**Partnership:** Developed in partnership by U.S. federal agencies, in response to the President's Climate Action Plan, to help the nation prepare for climate-related changes and impacts. Hosted by NOAA.



## Coastal Resilience Approach and Tool

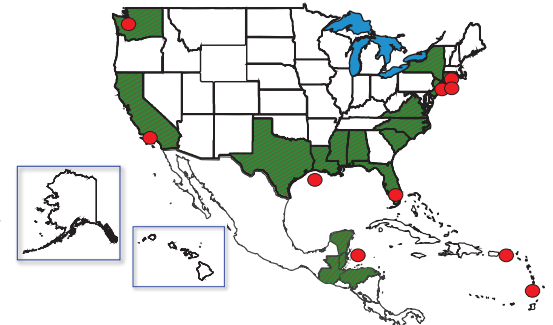
[www.coastalresilience.org](http://www.coastalresilience.org)

**Purpose:** To deliver an approach, web-based mapping tool, and customized apps that incorporate nature-based solutions for disaster risk reduction and climate adaptation.

**Key Feature:** Custom apps integrated into a mapping tool that addresses risk, restoration, and resilience issues.

**Geography:** Local and regional for specific geographies in the U.S. and internationally.

**Partnership:** Led by TNC in partnership with Natural Capital Project, ASFPM, NOAA, University of Southern Mississippi, U.S. Geological Survey, University of California–Santa Cruz, and Azavea.



## Great Lakes Coastal Resilience Planning Guide

[www.greatlakesresilience.org](http://www.greatlakesresilience.org)

**Purpose:** To connect users in the Great Lakes region with case studies that summarize how communities are increasing their resilience to coastal hazards and climate change, and to deliver the maps, tools, and data needed to replicate these actions.

**Key Feature:** Concise, community-authored, and peer-reviewed case studies.

**Geography:** Great Lakes region.

**Partnership:** Led and hosted by ASFPM. Guide development includes NOAA, TNC, Coastal States Organization, National Association of Counties, National States Geographic Information Council, American Planning Association, University of Wisconsin Extension, University of Wisconsin Sea Grant, and NOAA Great Lakes Environmental Research Laboratory.

