



NFWF

Coastal Resilience Assessments

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ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) protects and restores our nation's fish and wildlife and their habitats. Created by Congress in 1984, NFWF directs public conservation dollars to the most pressing environmental needs and matches those investments with private funds. Learn more at www.nfwf.org

NATIONAL HEADQUARTERS

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Diamond Head State Park Aerial, Honolulu, Hawaii

BACKGROUND

The National Fish and Wildlife Foundation (NFWF) is committed to supporting programs and projects that improve resilience by reducing communities' vulnerability to coastal storms, sea level rise, and flooding events by strengthening natural ecosystems and the fish and wildlife habitat they provide.

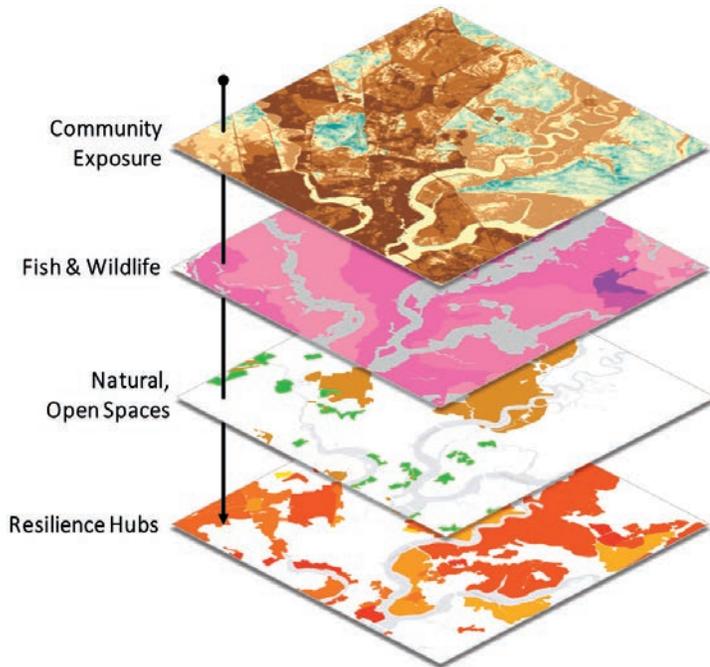
COASTAL RESILIENCE ASSESSMENTS

In partnership with the National Oceanic and Atmospheric Administration (NOAA) and the University of North Carolina Asheville's National Environmental Modeling and Analysis Center (NEMAC), the assessments seek to evaluate regional resilience for all U.S. coastlines. Already complete for the U.S. Atlantic, Gulf of Mexico, and Pacific coastlines, additional assessments are underway in Hawaii, Alaska, Puerto Rico, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands. Assessments for Guam, American Samoa, and the Great Lakes will begin in the summer of 2020.

OBJECTIVES

1. Identify areas for restoration, installation of natural and nature-based features, and other projects that achieve dual benefit for human community resilience and fish and wildlife habitat.
2. Analyze the impacts of potential coastal and inland storm events.
3. Create contiguous and standardized data sets for U.S. coastlines to support coastal resilience assessment and planning.

(continued)



ASSESSMENT PRODUCTS

The assessment includes the following mapping products:

- **Community Exposure Index**, which provides fine-scale data on where communities, people, and infrastructure are at the highest risk of coastal flooding and other flood-related hazards.
- **Fish and Wildlife Index**, which identifies important habitat types and the species they support.
- **Resilience Hubs**, which identify large swaths of connected habitat that have potential to protect coastal communities from the effects of storms while also supporting fish and wildlife habitat.
- **Coastal Resilience Evaluation and Siting Tool (CREST)**, which is an online platform where users can view, share, and download data and modeling results from the assessment (available at resilientcoasts.org).

These resources can be used by community planners, conservation organizations, and others to make informed decisions about the potential of restoration, conservation, or other resilience-related projects to achieve dual benefits for people and wildlife.

RESILIENCE WORKSHOPS

Join NFWF for a stakeholder engagement workshop on coastal resilience in Hawaii. The workshop will be hosted as part of the Pacific Risk Management 'Ohana (PRiMO) 2020 Conference. Participants do not need to register for PRiMO in order to participate in the workshop.

**When: Tuesday, March 10, 2020,
from 1:00 p.m. to 5:00 p.m.**

**Where: Room 318, Hawaii Convention Center,
1801 Kalakaua Ave., Honolulu, Hawaii**



Humpback whale, Hawaii Island

STAKEHOLDER ENGAGEMENT

In order to engage local stakeholders and build on complementary efforts in the region, NFWF is hosting a stakeholder workshop in Honolulu, Oahu, as part of the Pacific Risk Management 'Ohana (PRiMO) 2020 Conference. The workshop will provide a brief overview of the assessment and a demonstration of CREST, in addition to allowing

participants to provide input and suggest data sources that can contribute to the Community Exposure and Fish and Wildlife Indices. Participants will be asked to comment on draft map products, suggest different or additional data sources to improve accuracy and applicability, and contribute to a discussion of how the assessment results can be used regionally to support local coastal resilience planning efforts.