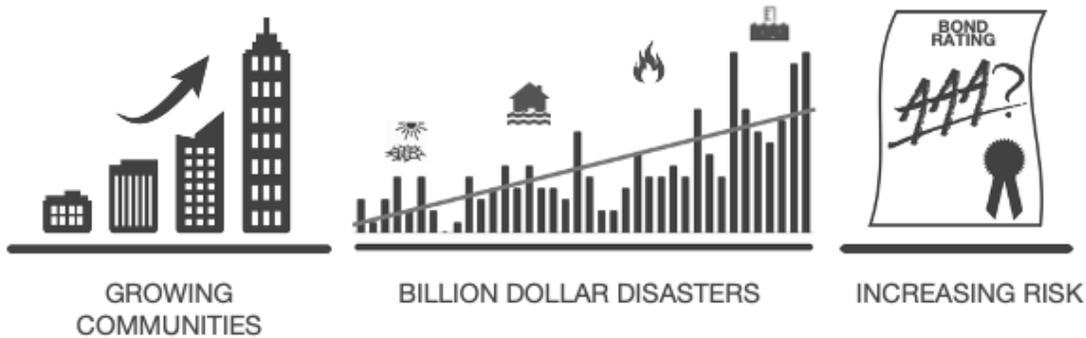


The Road to a Shared, National Strategy for Adaptation



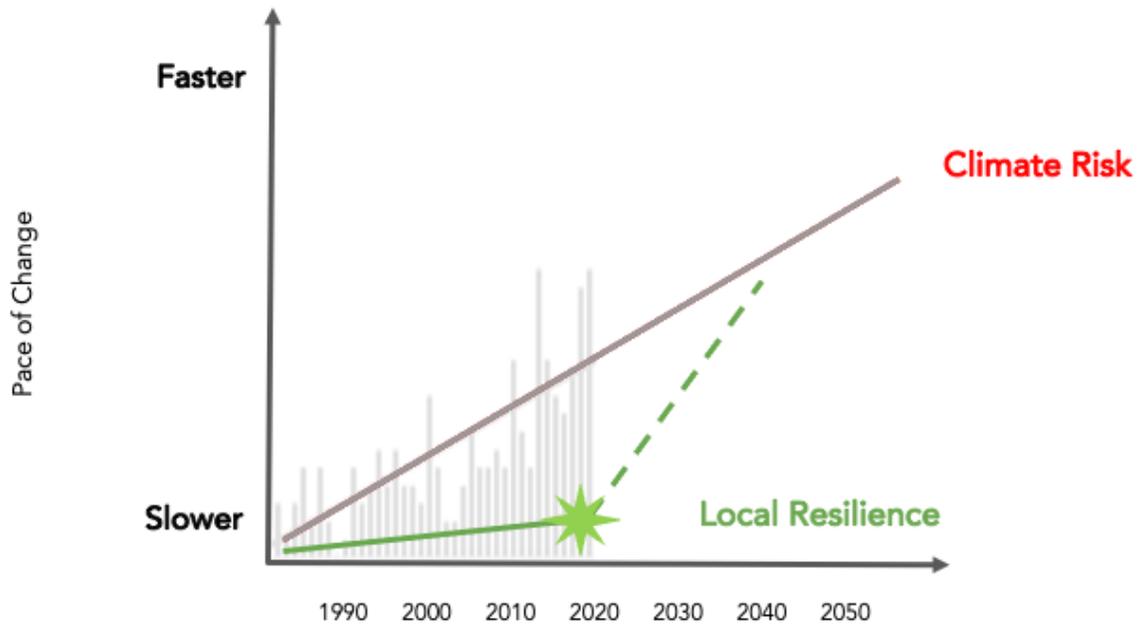
The road to a shared national strategy for climate adaptation is a long one, so it's time for climate adaptation professionals in the public and private sectors to come together.



The growth of communities around the nation is putting more people and property in harm’s way and pushing aside the natural systems that historically buffered human systems.

- Billion-dollar disasters are increasing in number and cost at an accelerating rate.
- Communities are footing the bill, both through direct and indirect financial mechanisms.

Building resilience must accelerate to meet risk



3

From "In Harm's Way..." by John Cleveland and Peter Plastrik, 2021

- We know that building resilience at a local level is the appropriate way forward.
- But we **MUST** greatly accelerate the pace of planning and adapting to climate-related hazards.



The “resilience ecosystem” of climate adaptation professionals has co-produced a theory of change which recognizes core challenges as well as our preferred outcomes.

Over the past three years, we have been working with

- a shared strategy
- and objectives
- toward a common set goals--all aimed at providing climate services to the nation.

National Adaptation Forum Town Hall

2017: perspectives on the
emerging field of adaptation



We reached an important milestone in the fall of 2017 at the National Adaptation Forum where we gathered perspectives from adaptation practitioners.

Resilience Ecosystem Workshop

2018: shared strategies,
tools, and projects



A few months later, we gathered the first “Resilience Ecosystem Workshop” in Silver Spring to identify shared strategies, tools, and project ideas to advance the field rapidly.

Resilience Ecosystem Workshop

- January 2018
- ~75 attendees from academia, business, gov't, & non-profits
- Sponsored & hosted by NOAA, Climate Resilience Fund, and EcoAdapt
- ecoadapt.org/workshops/resilience-ecosystem-workshop

75 representatives from many sectors participated.

Resilience Ecosystem Workshop

Facilitated dialogs to identify needs, gaps & opportunities

- Tools
- Professional Development
- Discoverability, Interoperability, and Extensibility
- Adaptation Services
- Audience Feedback & Defining/Measuring Success

We discussed five topics, each with its own rich array of expertise, practitioners, methods, ways of convening, and requirements.

Resilience Ecosystem Workshop

Springboard into collaborative proposals to joint CRF-NOAA grant opportunity

- **Registry of Service Providers & RFP Aggregators**
- **National Climate Support Services Help Desk**
- **Merge some of the Open-Source Graphing Modules in the CRT's Climate Explorer into PREP Platform**
- **Resilience Financing Bootcamp**
- **Better Integration of Content Aggregators' Websites**
- **Adaptation Training Curriculum for County Jurisdictions**
- **Landscape Assessment & Portrayal of Training Providers**
- **Certificate & Credentialing Program**
- **Understanding & Evaluating Progress Towards Resilience**

Demonstrating a strong desire to collaborate, participants developed nine proposals.

National Meetings

... sharing and socializing results



... and in 2019 it was already time to share results.

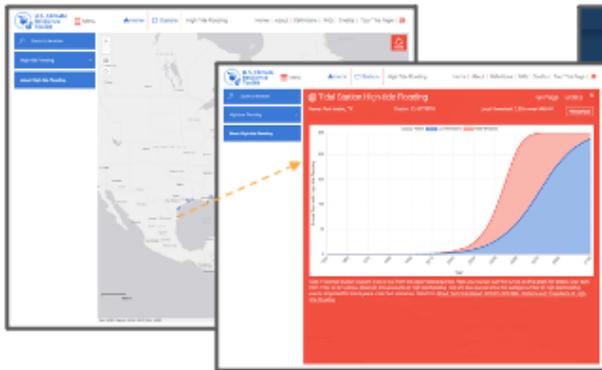


**RESILIENCE
ECOSYSTEM**
National Adaptation Forum - April, 2019

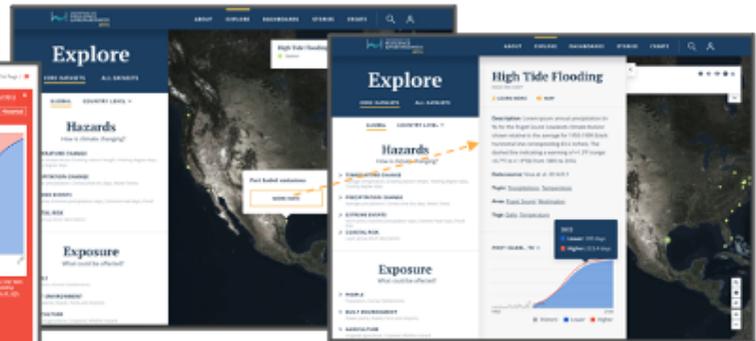
The Resilience Ecosystem had a strong showing at the next National Adaptation Forum.

Broadening use of open source code from Climate Explorer

Integration into Climate Explorer



Integration into PREPdata



One team had integrated the open source code from the Climate Explorer into the PREPdata platform, hosted by the World Resources Institute.

RESILIENT RURAL AMERICA PROJECT

A free online training program to help rural communities become more resilient to extreme weather and changing climate conditions.



The Resilient Rural America Project developed a training and self-guided workbook to help rural planners incorporate climate resilience into comprehensive plans.



Freshwater Future worked with numerous partners to train communities in Flint Michigan and the Sky Islands Archipelago about climate resilience.

A photograph of a person's hands holding a black compass against a blurred background of green mountains. The person is wearing a blue and green plaid shirt. The compass is held in the center, with the needle pointing towards the top of the frame.

The Resilience Navigator

Cara Pike, Climate Access

 RESILIENCE
ECOSYSTEM
National Adaptation Forum - April, 2019

Climate Access and Bellweather Collaboratory developed a “Resilience Navigator” to evaluate strengths, gaps, and opportunities in climate adaptation professional services.

Sample Linkages on CAKE

Sample Linkages on the Adaptation Clearinghouse

Interoperability...

RESILIENCE ECOSYSTEM¹⁷
National Adaptation Forum – April, 2019

A collaborative project led by the American Society of Adaptation Professionals built interoperability into major websites and developed conceptual tools to support climate adaptation communication.

Climate Adaptation and Resilience Registry

- help time-strapped decision-makers quickly find the expertise they need
- promote a common understanding of good practice
- create a system of service provider accountability



EcoAdapt began work on a registry of adaptation professionals.

Poster session at American Geophysical Union highlighted these projects.



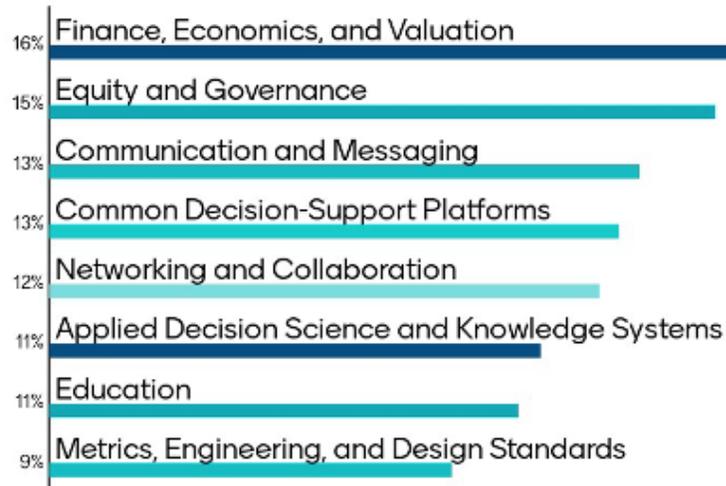
Participants presented their work at an American Geophysical Union poster session.

Second Resilience Ecosystem Workshop



Clearly, this is a motivated group of collaborators. We came together a year ago in the second Resilience Ecosystem Workshop.

Allocate 100 points across the focus areas identified in plenary.



Participants identified and ranked 8 Focus Areas where they would like to allocate collective effort to meet shared goals.



[PRIORITIES](#) [ABOUT US](#) [RESOURCES](#)

Coordination & Collaboration

Improving the utility and availability of climate services and adaptation resources

PRESS RELEASE

October 22, 2020

CRF Announces New Awards to Accelerate U.S. Climate Resilience-Building, in Partnership with NOAA

A few months later, the Climate Resilience Fund announced a competition.

The seven new awardees include:

Local Government Commission - \$50,000

For a partnership with the Alliance of Regional Collaboratives for Climate Adaptation (ARCCA) to set in motion an accelerated cycle of learning, implementing, and institutionalizing equity awareness, expertise, and best practices in local resilience projects.

Institute for Tribal Environmental Professionals (ITEP) - \$37,898

To redesign a set of freely accessible online learning modules created by the Swinomish Tribe that included a climate change community health assessment founded on Indigenous values, which centers on the health of the people and the health of the homelands. This project will expand these valuable learning modules to better engage, communicate with, and support resilience in a diversity of Indigenous communities across the U.S. that are often on the frontlines of climate change impacts.

Earth Economics - \$45,091

To quantify the economic, social, and environmental value created by the natural and built infrastructure on National Forest lands – these are values at risk of being lost to fire and pests, which can be protected by restoring forests to a more resilient state – by adding a Values at Risk layer to the U.S. Forest Service's Conservation Finance Opportunities Mapping Tool.

American Forests - \$50,000

For implementing the Tree Equity Score and Mapping Tool for every urbanized neighborhood in the State of Rhode Island, which measures how well the benefits of urban tree canopy are reaching low-income communities, populations of color, and populations that are particularly vulnerable to extreme heat.

The GEOS Institute - \$50,000

To build out a freely available Climate Resilience Strategy Database that will increase access to current information regarding the effectiveness and tradeoffs of possible climate adaptation and resilience tools and resources for various climate vulnerabilities, including the effectiveness of specific strategies on social equity and ecological systems. [More information.](#)

Bonneville Environmental Foundation - \$50,000

To build a regional network of non-profit, Tribal, and public agency restoration practitioners and partners in order to share and scale up strategic nature-based solutions to climate impacts in riparian corridors across the Pacific Northwest. [More information.](#)

Headwaters Economics - \$40,000

For creating and distributing training resources that improve the accessibility and applicability of the existing [Neighborhoods at Risk](#) tool and help to scale up its use.

They announced seven new projects which are now underway.

Advisory Session for the CCRE

April 14, 2021



On April 14, 2021, the Climate Resilience Fund and NOAA's Climate Program Office will host a working session to define criteria for this year's grant competition.

2021 Advisory Session for CCRE

- Integrating Justice, Equity, Diversity and Inclusion into the Steps to Resilience
- Integrating Nature-Based Solutions into the Steps to Resilience
- Defining Structures for Finance-Ready Resilience Plans
- Tracking Performance & Results of Community Resilience Planning Efforts

We will focus on four themes: justice, equity, diversity, and inclusion; nature-based solutions; criteria for finance-ready resilience plans; and measuring success in building resilience.

The Road Ahead



See you down the road...

We've reached impressive milestones, but we haven't lost sight of the road ahead.

We are building on a shared vision, cooperation, and a commitment to nationwide adaptation.

We're learning how to do this work together. See you down the road.