



Building Community-Level Resilience Through the Infrastructure Investment and Jobs Act

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**GEORGETOWN
CLIMATE CENTER**

Georgetown Climate Center: What We Do

Policy Development



Convening & Staffing Climate Initiatives



Opportunities for Students



Serve as a Resource to States and Communities



www.adaptationclearinghouse.org

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RESOURCES SECTORS NETWORKS MY CLEARINGHOUSE ABOUT ADAPTATION PLANS & PROGRESS

Welcome to the Adaptation Clearinghouse

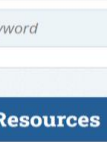
An online database and networking site that serves policymakers and others who are working to help communities adapt to climate change

- Put the Power of the Adaptation Clearinghouse to Work for You
 - Customize the Adaptation Clearinghouse to meet your needs
 - Receive updates about new resources that match your interests
 - Connect with other professionals

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Featured Resources

Resource



Greauxing Resilience at Home: A Regional Vision

June 16, 2022

Greauxing Resilience at Home: A Regional Vision is an innovative legal, planning, and policy resource to promote community resilience through housing and nature-based solutions in places where flooding, extreme weather events, and other factors are driving population changes and transitions. It was developed by Capital Region Planning Commission and Georgetown Climate Center, in collaboration with policymakers, community members, and other stakeholders in Region Seven of the **Louisiana Watershed Initiative** located in southeast Louisiana.

Related Organizations: Georgetown Climate Center, Capital Region Planning Commission
Authors or Affiliated Users: Katie Spidaleri, Rachelle Sanderson, Suhasini Ghosh, Annie Bennett, Katherine McCormick, Jennifer Li
Resource Category: Solutions

SEE RESOURCE LOGIN TO ADD TO MY RESOURCE LIST

Featured Sectors

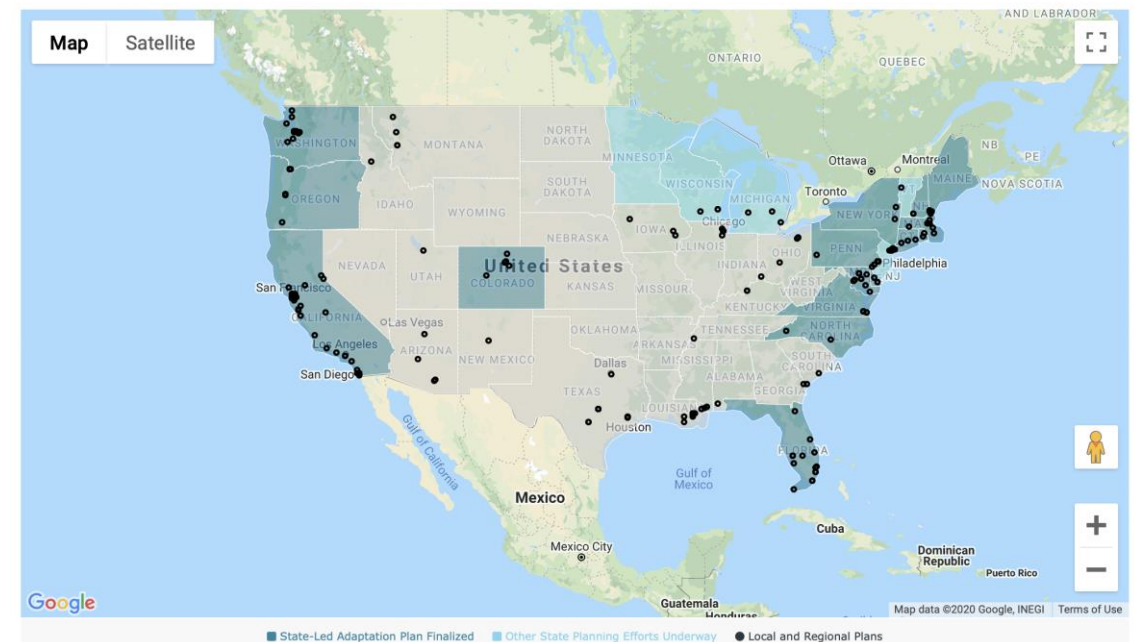
- COASTAL
- ECOSYSTEMS
- ENERGY
- PUBLIC HEALTH
- TRANSPORTATION
- WATER

ADDITIONAL SECTORS

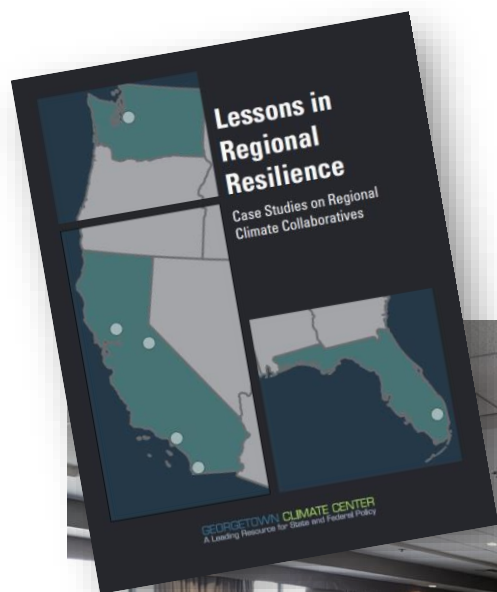
State and Local Adaptation Plans

States and communities around the country have begun to prepare for the climate changes that are already underway. This planning process typically results in a document called an adaptation plan.

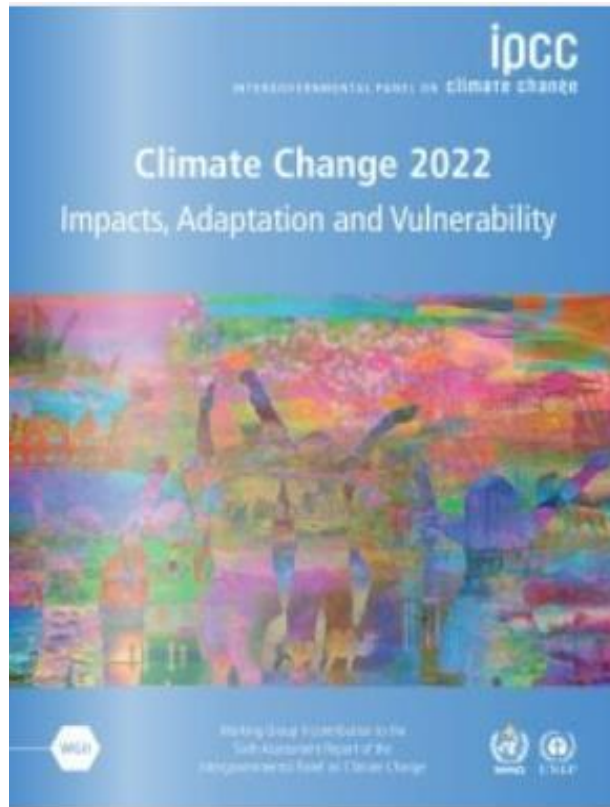
Below is a map that highlights the status of state adaptation efforts. Click on a state to view a summary of its progress to date and to access its full profile page. State profile pages include a detailed breakdown of each state's adaptation work and links to local adaptation plans and resources. Please move the map to view Alaska and Hawaii.



Amplify Regional Collaboration for Climate Adaptation



Intergovernmental Panel on Climate Change



Transformational adaptation. *Continuing and expanding current adaptation efforts can reduce some climate risks. But even with emission reductions sufficient to meet the Paris Agreement goals, transformational adaptation will be necessary.*

Governance. *Actors at many scales and in many sectors, including individuals and households, communities, governments at all levels, private sector businesses, non-governmental organizations and religious groups and social movements.*

Background on Infrastructure Investment and Jobs Act



November 15, 2021

Signed into law.



Total: \$1.2 Trillion

\$550 billion in new spending over five years and \$650 billion for existing programs.



Adaptation/Resilience

Funding for programs that address extreme weather, flooding, storms, droughts, heat waves, and wildfires.



IJA Includes a Legal Definition of Resilience for a Project

...the ability to anticipate, prepare for, or adapt to conditions or withstand, respond to, or recover rapidly from disruptions, including the ability to

- resist hazards or withstand impacts from weather events and natural disasters; or
- reduce the magnitude or duration of impacts of a disruptive weather event or natural disaster on a project; and
- have the absorptive capacity, adaptive capacity, and recoverability to decrease project vulnerability to weather events or other natural disasters.

IIJA Funding Opportunities Across Sectors

Transportation

Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT)
Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
Healthy Streets Program

Coastal

Flood mitigation through Army Corps of Engineers, NOAA, and FEMA

Energy & Buildings

Resilience and reliability of the electric grid
Low Income Home Energy Assistance Program (LIHEAP)

IIJA Funding Opportunities Across Sectors (cont.)

Natural Resources, Ecosystems & Agriculture

Regional ecosystems (e.g., watershed regions)

Coastal Zone Management Program

Wildfire management activities across multiple federal agencies

Water Infrastructure

Safe Drinking Water Act and Clean Water Act State Revolving Loan Fund programs

Preparedness & Emergency Response

Building Resilient Infrastructure and Communities (BRIC) Program

Safeguarding Tomorrow through Ongoing Risk Mitigation (STORM Act) Revolving Loan Fund

Transportation Resilience and Adaptation Centers of Excellence

IIJA directs the Secretary to designate **10 regional Centers of Excellence** for Resilience and Adaptation and **1 national Center** of Excellence for Resilience and Adaptation to **advance research and development that improves the resilience** to natural disasters, extreme weather, and the effects of climate change on surface transportation infrastructure and infrastructure dependent on surface transportation.

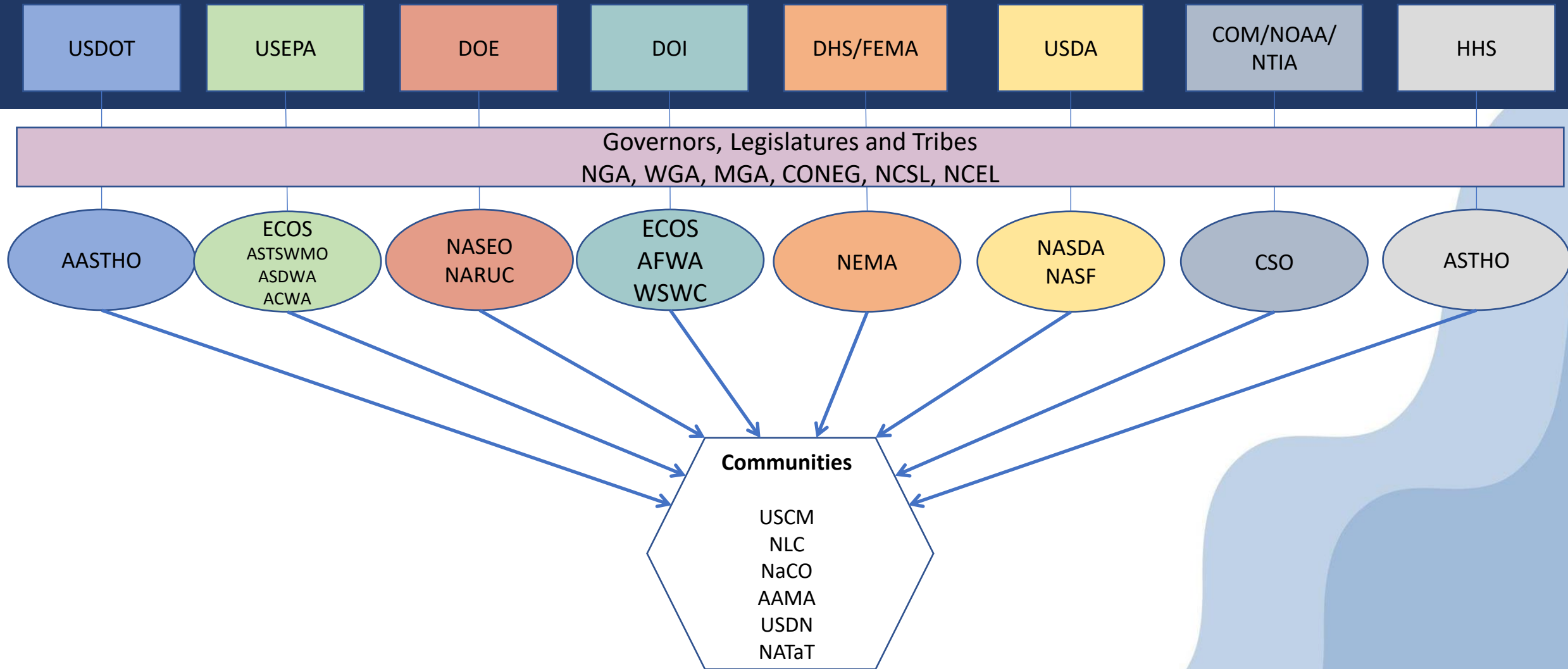
Eligibility: A university, individually or in partnership with a consortium of nonprofit organizations

Grants: No less than \$5M/year for 10 years

Activities: R&D, workforce development, education & outreach, technology transfer and more



Leveraging IJA Resources for Communities



State Governance for IJA Implementation

Arkansas. [Executive Order](#) establishing the Governor's Infrastructure Planning Advisory Committee.

Maryland. [Executive Order](#) establishing the Governor's Subcabinet on Infrastructure with an Infrastructure Director.

Michigan. Chief Infrastructure Officer in a newly formed Michigan Infrastructure Office.

New Jersey. Infrastructure Coordinator.

New Mexico. Director of Infrastructure and Implementation with three Infrastructure Advisors.

Oregon. Infrastructure Director in the Governor's Office. The Director to convene a State Infrastructure Cabinet to coordinate efforts of agencies receiving Federal Funds.

Wyoming. IJA Implementation Coordinator in the Governor's Office.

GCC Questions for Exploration

Which programs in IIJA support:

- Technical Assistance?
- No or reduced state and local match requirements?
- Regional collaboration?
- Environmental Justice and Justice40?

GEORGETOWN CLIMATE CENTER

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