



NOAA BIL and IRA Investments

ADMINISTERED BY THE DEPARTMENT OF COMMERCE'S NATIONAL OCEANIC
AND ATMOSPHERIC ADMINISTRATION

March 2024

NOAA received \$2.96 billion in Bipartisan Infrastructure Law (BIL) and \$3.3 billion in Inflation Reduction Act funding (IRA)



- As of the end fiscal year 2024, NOAA has executed a total \$4.3 billion in BIL and IRA through grants, contracts, and other expenditures
 - \$2.6 billion of IRA funding
 - \$1.7 billion of BIL funding
- Demand for funding to prepare for and adapt to climate change is **high (28:1 in demand for some programs)**.



Inflation Reduction Act (IRA): \$3.3 billion



Climate Ready Coasts & Communities

\$2.6 billion

- Climate Ready Coasts
- Climate Ready Fisheries
- Climate Ready Workforce
- Tribal Priorities
- OMAO & Facilities



Climate Ready Nation - Data & Services

\$200 million

- Phased Array Radar
- Short-term, Seasonal, & Decadal Modeling
- Regional Climate Data and Information
- Industry Proving Grounds



NOAA Facilities & Permitting

\$510 million

- Permitting
- High-Performance Computing
- Facilities: Piers, marine operations, and fisheries labs
- Facilities: National Marine Sanctuaries
- Hurricane Hunter Aircraft

Bipartisan Infrastructure Law (BIL): ~\$3 billion



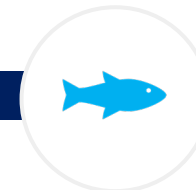
Climate Ready Coasts \$1.467 billion

- National Oceans and Coastal Security Fund
- Habitat Restoration
- Marine Debris (NOS)
- Marine Debris (OAR)
- Coastal Zone Management
- National Estuarine Research Reserve System



Climate Data & Services \$904 million

- Flood and Inundation Mapping and Forecasting
- Soil Moisture and Snowpack Pilot and Study
- Wildfire
- Ocean and Coastal Observing Systems
- Regional Ocean Partnerships
- Research Supercomputing



Fisheries & Protected Resources \$592 million

- Consultations and Permitting
- Fish Passage
- Pacific Coastal Salmon Recovery Fund

IRA: Climate Ready Coasts & Communities

~\$2.6B

Priorities: Support **transformational projects** that will strengthen the resilience of coastal communities and ecosystems, conserve and restore habitats, support climate-ready fisheries, recover endangered species, and build a climate-ready workforce.

Highlights

- \$575M made available through the **Climate Resilience Regional Challenge**, which received 28 times more in demand than available funding
- Support economic development through the \$50M **Climate Ready Workforce** and \$100M **Ocean-Based Climate Resilience Accelerators** programs
- Fill \$555M in **unmet need** through NOAA's BIL programs

National Ocean Service - BIL Funding Opportunities

Competitive Funding Opportunities

- National Coastal Resilience Fund (NCRF)
- Coastal Zone Management (CZM)
- National Estuarine Research Reserves (NERRS)
- Marine Debris Removal and Interception

Highlights

- In the first two years of funding, NOS awarded nearly \$200M to support 186 projects and capacity building through the CZM and NERRS programs, \$335M to advance nature-based solutions through the NCRF, and nearly \$100M to remove millions of pounds of marine debris
- In addition, NOS also supported investments to improve flood inundation mapping and forecasting, ocean observing networks, and Regional Ocean Partnerships



National Marine Fisheries Service - BIL Funding Opportunities

Competitive Funding Opportunities

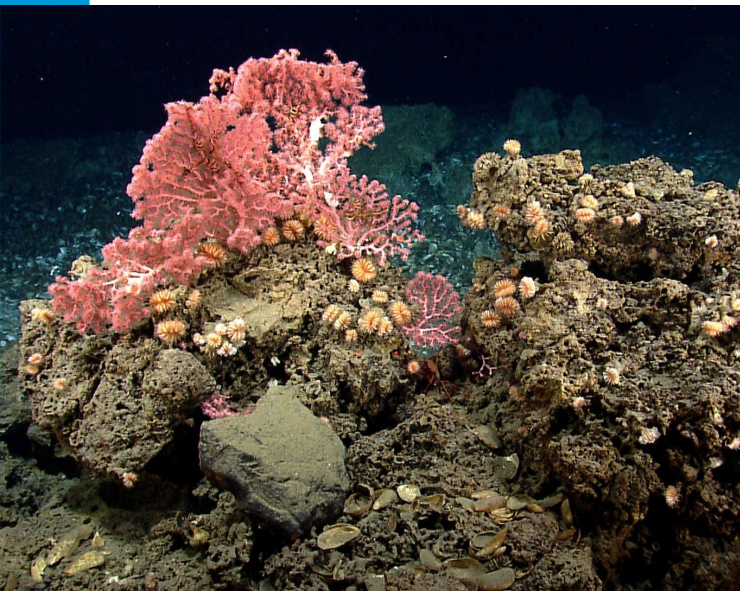
- Transformational Habitat Restoration & Resilience
- Tribal & Underserved Habitat Restoration & Resilience
- National Fish Passage
- Tribal Fish Passage

Highlights

- In the first two years of funding, NMFS awarded nearly \$600M to support habitat restoration and resilience projects, more than \$400M to improve fish passage and \$120M to support recovery of Pacific Coast Salmon
- Supporting resilience planning, feasibility studies, stakeholder engagement and restoration activities from planning, design to construction.



Supporting Nature-Based Solutions



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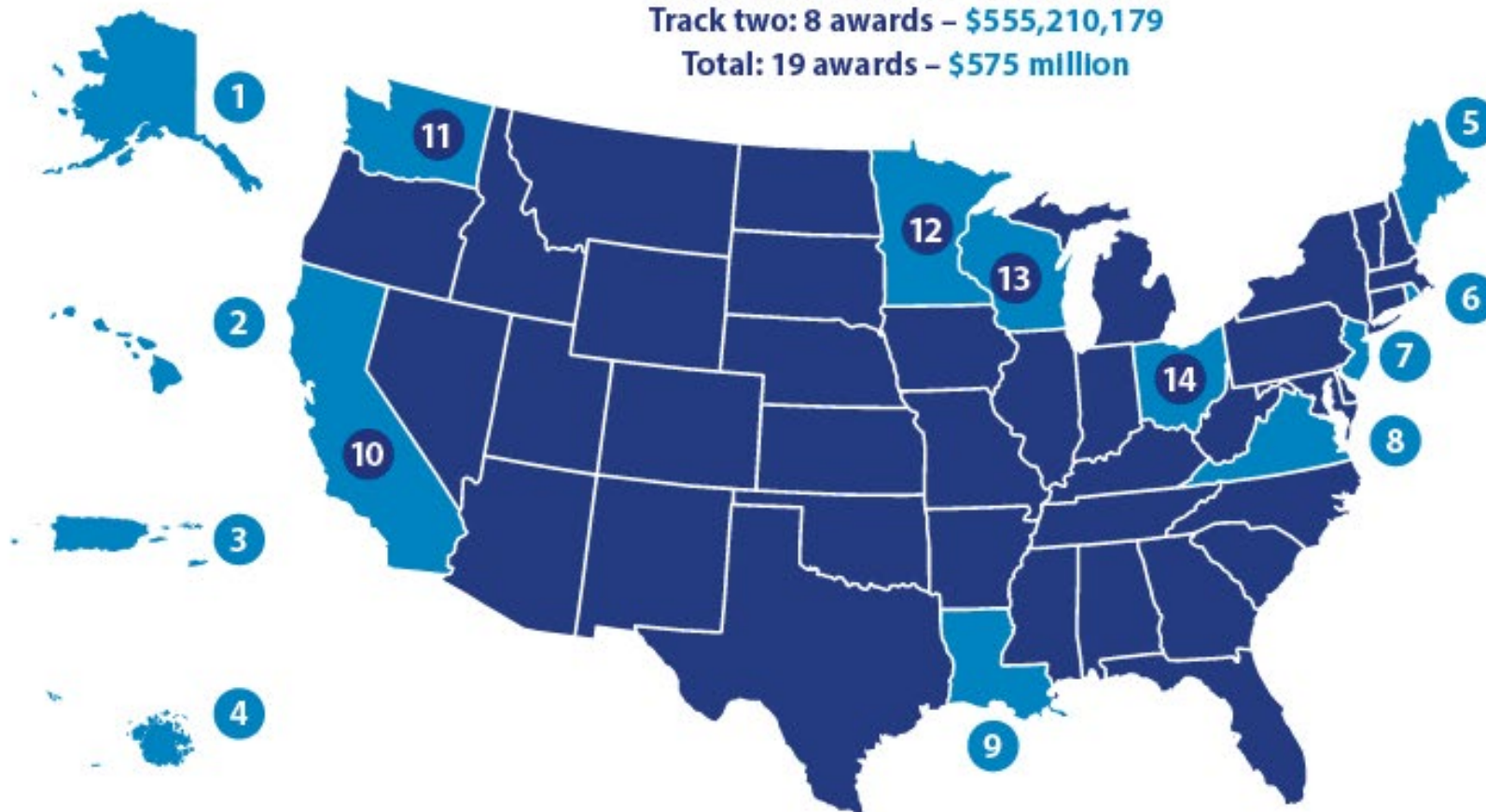
CLIMATE RESILIENCE REGIONAL CHALLENGE

PROJECT LOCATIONS

Track one: 11 awards – \$19,789,821

Track two: 8 awards – \$555,210,179

Total: 19 awards – \$575 million



- 1. Alaska**
2 track one awards;
1 track two award: \$78,949,515 total
- 2. Hawaii**
1 track two award: \$68,497,799
- 3. U.S. Virgin Islands**
1 track two award: \$69,000,000
- 4. Federated States of Micronesia**
1 track one award: \$2,000,000
- 5. Maine**
1 track two award: \$69,008,683
- 6. Rhode Island**
1 track one award: \$1,999,777
- 7. New Jersey**
1 track two award: \$72,493,449
- 8. Virginia**
1 track one award: \$1,973,267
- 9. Louisiana**
2 track one awards;
1 track two award: \$59,779,974 total
- 10. California**
1 track two award: \$71,100,000
- 11. Washington**
1 track one award;
1 track two award: \$75,587,097 total
- 12. Minnesota**
1 track one award: \$1,849,228
- 13. Wisconsin**
1 track one award: \$1,451,065
- 14. Ohio**
1 track one award: \$1,310,142

CRRC - Track Two

WA State Coastal Zone Management Program



Drone View of the Highway 520 Floating Bridge that Connects Bellevue to Seattle, by adonis_abril

- Award Amount: \$73.6 million
- Project highlight: Statewide intergovernmental collaborative of state agencies, tribes, local governments and other partners
- Impact: A pipeline of resilience projects across three coastal geographies that will restore habitat, reduce climate risk, rebuild sustainable infrastructure and support resilient ecosystems and economies.



CRRC - Track Two

ME Governor's Office

- Award Amount: \$69 million
- Project highlight: Statewide Community Resilience Partnership including state agencies, tribes, local governments, and the University of ME
- Impact: A pipeline of resilience projects in rural and tribal communities and working waterfronts, including implementation of nature-based solutions

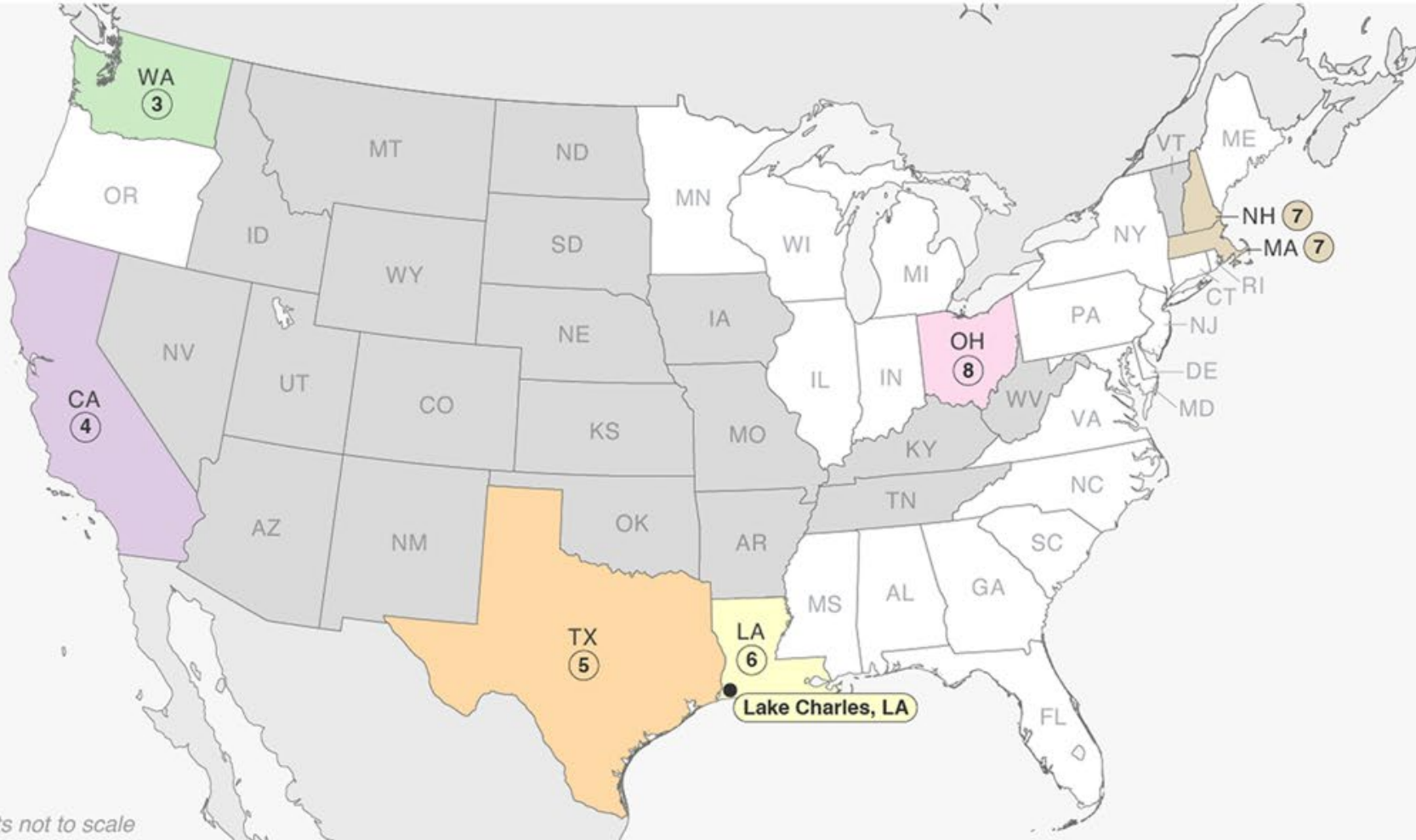


Union Wharf lobster traps on Portland's working waterfront, Maine, by Jo Ann Snover

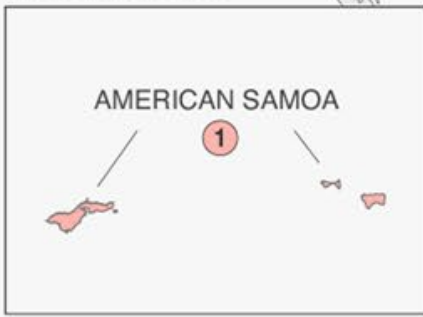


Climate-Ready Workforce Initiative: Project Locations

June 2024



Insets not to scale



- 1 Empowering a Resilient Workforce for American Samoa
 - 2 Expanding and Strengthening an Indigenous Workforce for Climate Resilience in Alaska
 - 3 Tribal Stewards: Cultivating Tribal Leadership and Equity in Natural Resource Stewardship and Climate Resilience (Washington)
 - 4 Los Angeles County Climate Ready Employment Council
 - 5 Texas Green Workforce Collaborative
 - 6 The Climate Resilient Skills Training Program (Louisiana)
 - 7 The Greater Boston Coastal Resilience Jobs Alliance
 - 8 Training a Climate-Ready Workforce to Manage the Impacts of Climate Change on Water Resources in Ohio Coastal Communities
 - 9 Climate Resilience Training to Implement Nature-based Solutions in the Caribbean (Puerto Rico and the U.S. Virgin Islands)
- These states are not eligible for funding under this program

This map indicates states and territories served by each of the 9 projects. Each project will focus on particular communities and not the entire state or territory. [Download here.](#)



Climate Ready Workforce

Protectores de Cuencas Inc.



Credit sea level rise at Virginia Department of Wildlife Resources managed boat ramps by Lathan Goumas | Virginia Sea Grant). [Download here.](#)

- Award Amount: \$3,462,766
- Project Highlights: Project led by a non-profit community-based organization to address climate resilience needs in Puerto Rico and the United States Virgin Islands, which are highly vulnerable to sea level rise, more intense tropical storms, drought, and extreme heat.
- Impact: Develop curricula and train new and current workers to build community capacity to prepare for climate change impacts and increase coastal resilience focusing on nature-based solutions. The training and job opportunities will be focused on historically underrepresented communities.



Additional resources about the programs and community outreach

- Visit www.noaa.gov/infrastructure-law
www.noaa.gov/inflation-reduction-act
- Have constituents engage with NOAA regional contacts
- Please reach out to leg.affairs@noaa.gov if you have questions.
- Attend future NOAA webinars, including program-specific application guidance for applicants