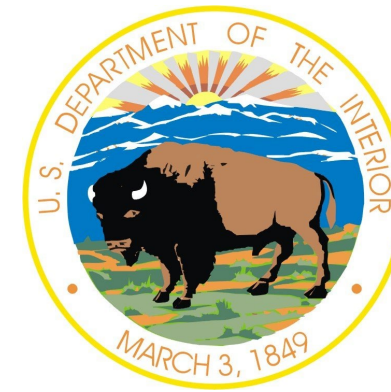


Overview

BIA Tribal Climate Resilience



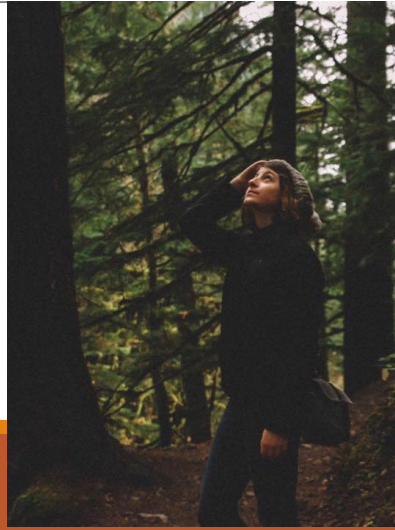
Program Coordinator & Climate Science Coordinator: Rachael Novak

Environmental Protection Specialist: Alexis Wagner

Climate Planning Specialist: Alyssa Samoy

Natural Resources Specialists: Corwin Carroll (*national support*) & Coral Avery (*Northwest Region*)

February 2022

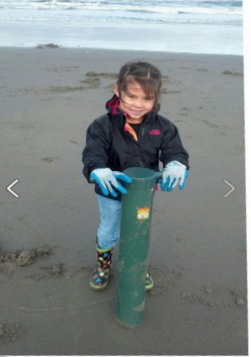


Tribal Resilience Program (TRP) Overview

1. Purpose
2. Training and Events
3. Tribal Liaison Network
4. BIA Regional Support
5. Annual Awards Program
6. Youth Support



Program Purpose



TCR Purpose

To enable *climate preparedness* and *resilience* in all Indian Affairs programs and for all Federally-recognized Tribal Nations and Alaska Native villages:

Technical assistance

- Access to appropriate science
- Educational and training opportunities
- Regional network of liaisons
- Regional BIA support

Financial assistance

- Annual Awards Program
 - Includes dedicated support for ocean & coastal management efforts
- Bipartisan Infrastructure Law funding for relocation-related support

See “About Us” page: <https://www.bia.gov/tcr-about-us>



Training and Events

Trainings and Workshops

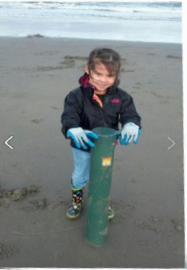
Training Partner

Institute for Tribal Environmental Professionals (ITEP)

- Climate Change 101, Tribal Hazard Mitigation Planning, etc.
- 2020 Virtual National Tribal and Indigenous Climate Conference (NTICC)
- 2022 In-person NTICC! Aug 29th – Sep 1st



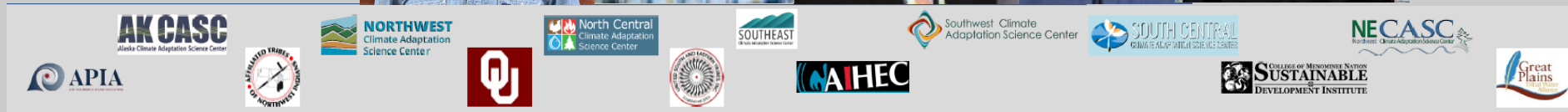
Photos: Feb 2017 training, Institute for Tribal Environmental Professionals



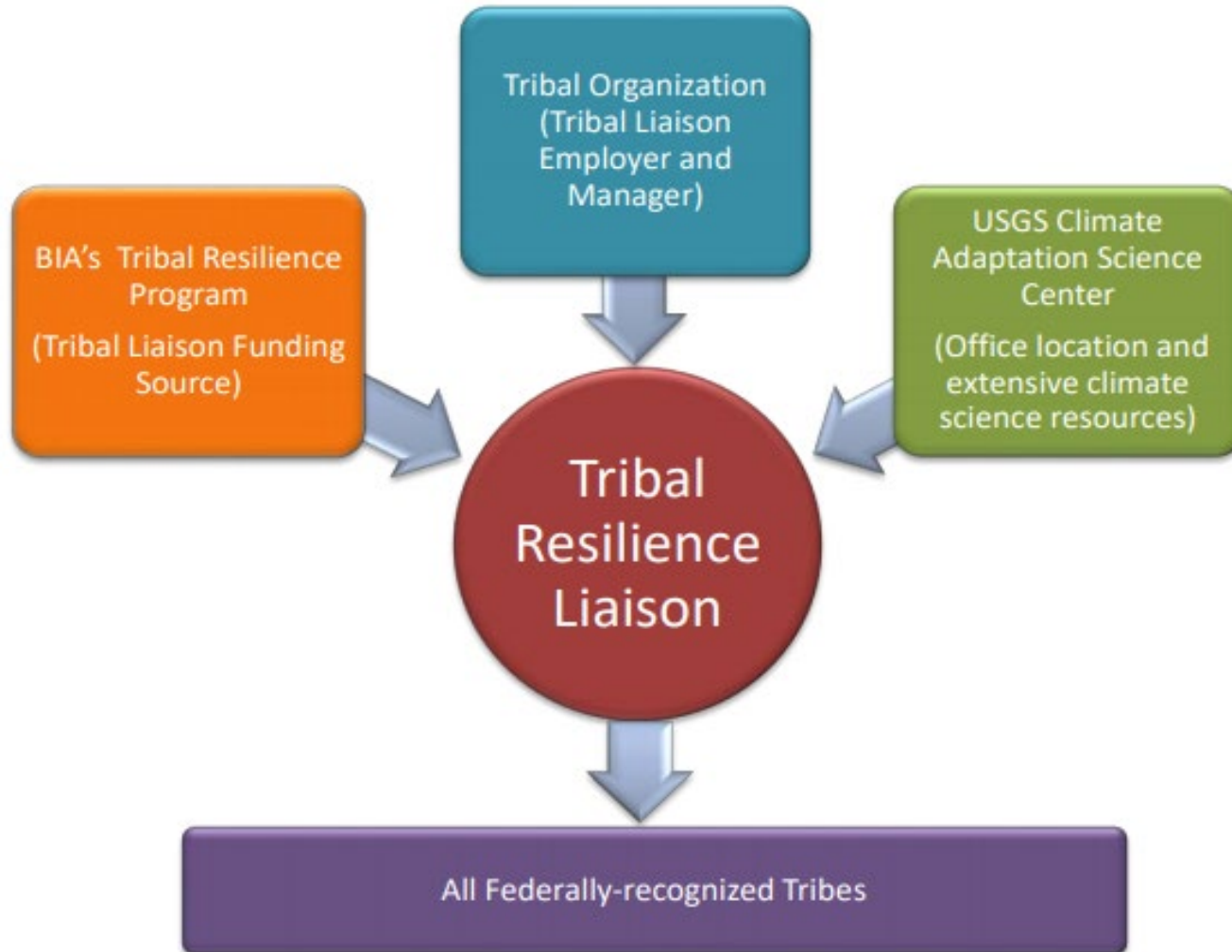
Liaison Network

Liaison Network

- TCR has cooperative agreements with regional non-profit Tribal organizations
- Tribal organizations employ and assist liaisons in providing technical support
- Liaisons are housed at and work with the DOI's Climate Adaptation Science Centers (CASCs)
- Connecting Tribal needs and priorities to information, data, tools and expertise at the CASCs
- Facilitate and support adaptation and resilience planning and implementation



Liaison Network



The network is part of a collaborative partnership to support liaisons' work with Tribal Nations

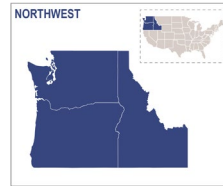
Liaison Network Partners

Tribal organization partnerships:

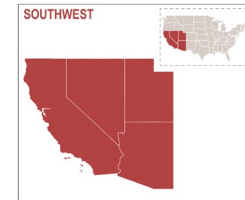
Native American Fish and Wildlife Society



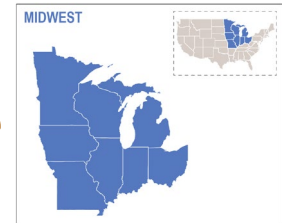
Affiliated Tribes of Northwest Indians



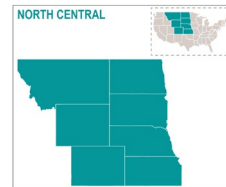
American Indian Higher Education Consortium



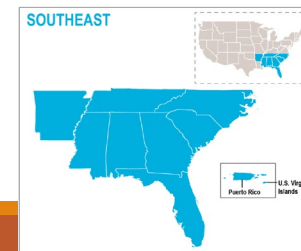
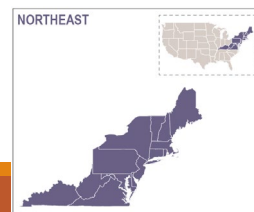
College of Menominee Sustainable Development Institute



Great Plains Tribal Water Alliance



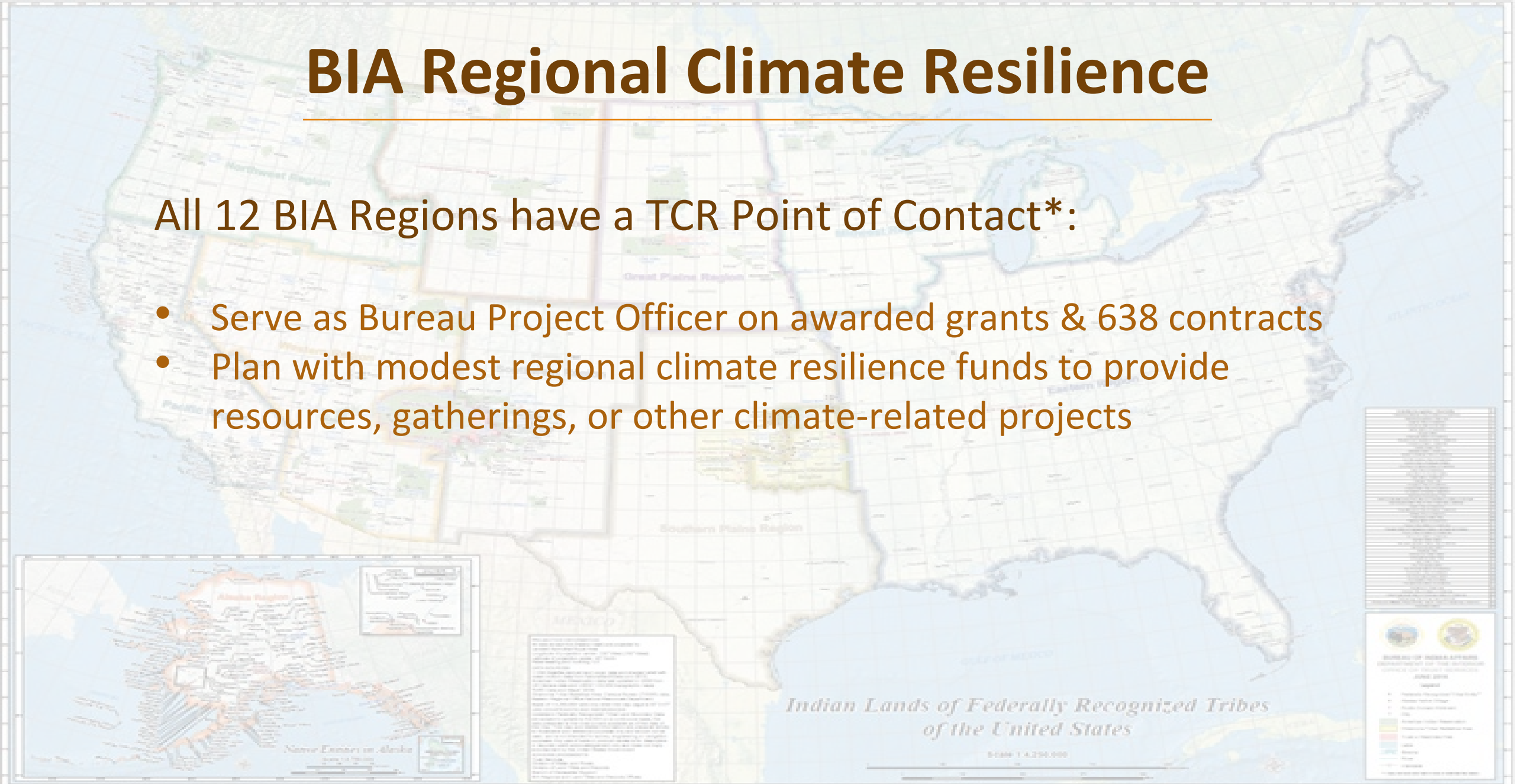
United South and Eastern Tribes, Inc.



BIA Regional Climate Resilience

All 12 BIA Regions have a TCR Point of Contact*:

- Serve as Bureau Project Officer on awarded grants & 638 contracts
- Plan with modest regional climate resilience funds to provide resources, gatherings, or other climate-related projects





Annual Awards Program

Annual Awards Program

Since 2011, TCR has funded 700+ awards worth over \$74.6M

- Annual awards budget ~\$8-15 million (Congress appropriated)
- Notice of Funding Opportunity posted on Grants.gov
- 2022 Solicitation TBD (usually sometime b/n Dec. & Mar.)
- FAQ webinar will follow release of NOFO: recorded and posted to TRP website – Presentations site page: <https://www.bia.gov/bia/ots/tribal-climate-resilience-program/reports-presentations>
- 2021 Awards Press Release: <https://www.bia.gov/news/bia-announces-tribal-climate-resilience-grants-totaling-1384-million-awarded-fy-2021>
- Annual Awards Program page: <https://www.bia.gov/bia/ots/annual-awards-program>

2021 Categories of Funding

Adaptation Planning (Categories 1-3 and 6-9)

- Cat 1: Trainings and Workshops (\$150,000 max)
- Cat 2: Adaptation Planning (\$150,000 max)
- Cat 3: Travel Support for Adaptation Planning (\$15,000 max)

Ocean & Coastal Management Planning (Categories 4-5)

- Cat 4: Ocean & Coastal Management Planning (max \$150,000)
- Cat 5: Travel Support for Ocean & Coastal (\$15,000)

Capacity Building

- Cat 6: to develop a Category 2 proposal (max \$65,000)

Relocation, Managed Retreat, & Protect-in-Place Planning

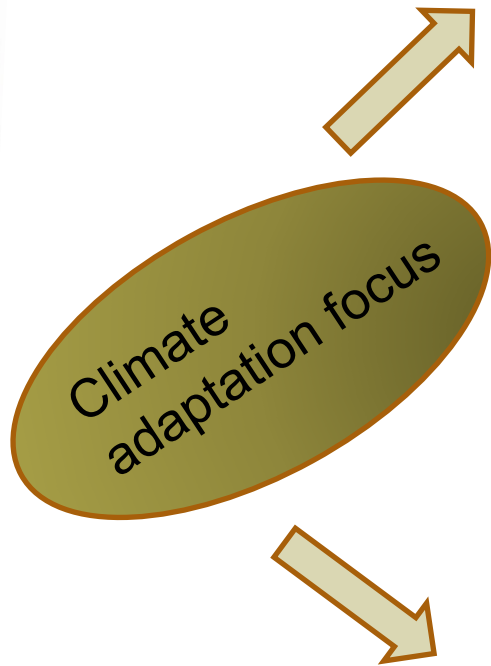
- Cat 7: (max \$150,000)

Internships & Youth Engagement (Categories 8-9)

- Cat 8: Internships (\$50,000)
- Cat 9: Youth Engagement (\$50,000)



2021 Categories of Funding



Adaptation Planning (Categories 1-3 and 6-9)

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2021 Ocean and Coastal Categories

Adaptation Planning (Categories 1-3)

- Cat 1: Trainings and Workshops (\$150,000 max)
- Cat 2: Adaptation Planning (\$150,000 max)
- Cat 3: Travel Support for Adaptation Planning (\$15,000 max)

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Capacity Building to develop a Category 2 proposal
(Category 6- \$65,000)

Relocation, Managed Retreat, & Protect-in-Place Planning
(Category 7- \$150,000)

Internships & Youth Engagement (Categories 8-9)

- Cat 8: Internships (\$50,000)
- Cat 9: Youth Engagement (\$50,000)

**\$2M / year
mandatory crosscut**



2019

- Total Awards: 119
- Total Amount: \$8.7M
- 69 Tribes, 14 Tribal organizations

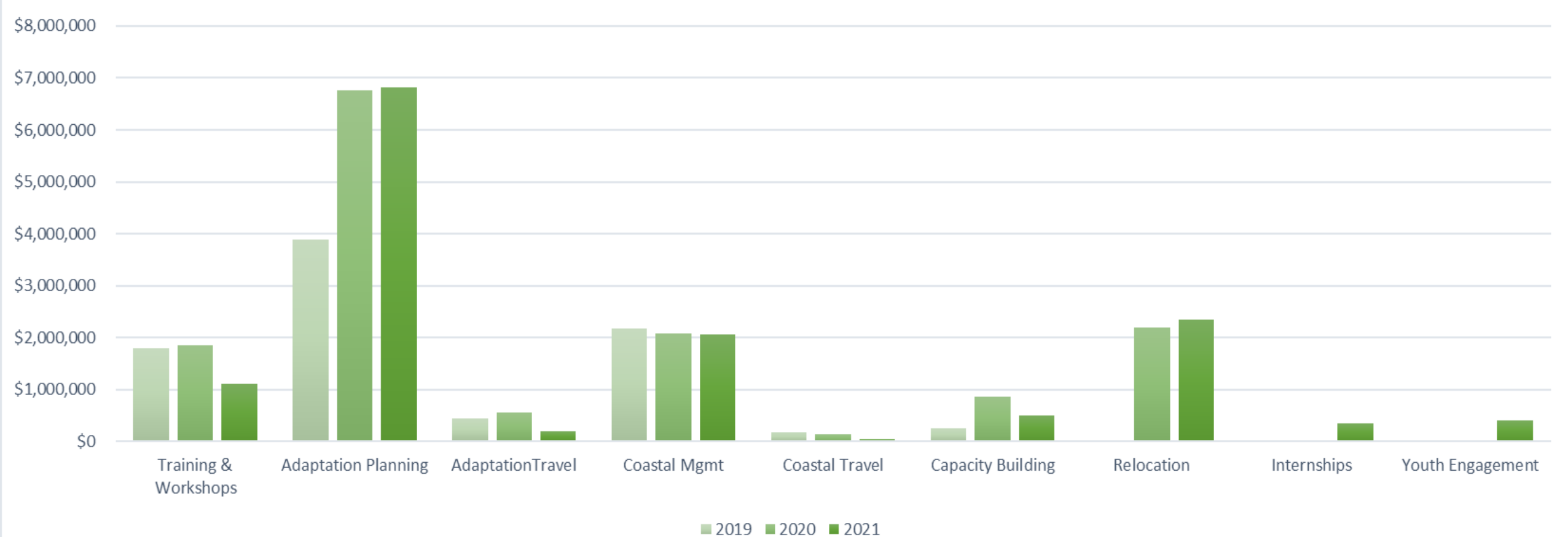
2020

- Total Awards: 159
- Total Amount: \$14.4M
- 101 Tribes, 12 Tribal Organizations

2021

- Total Awards: 134
- Total Amount: \$13.8M
- 79 Tribes, 13 Tribal organizations

TCR Awards by Funding Category 2019-2021



EO 13985 & the Bipartisan Infrastructure Law (BIL)

[*EO 13985 – Advancing Equity and Support for Underserved Communities through the Federal government*]

Focus area on applying for and accessing Tribal discretionary grants.

- Five listening sessions, Oct. 2021
- DOI Equity Plan
- Moving forward: integrating feedback

[**Bipartisan Infrastructure Law**]

Proposed Spend Plan \$216M – From Tribal Consultation Presentation

- \$130M – For Community Relocation
- \$86M – For Tribal climate resilience and adaptation projects

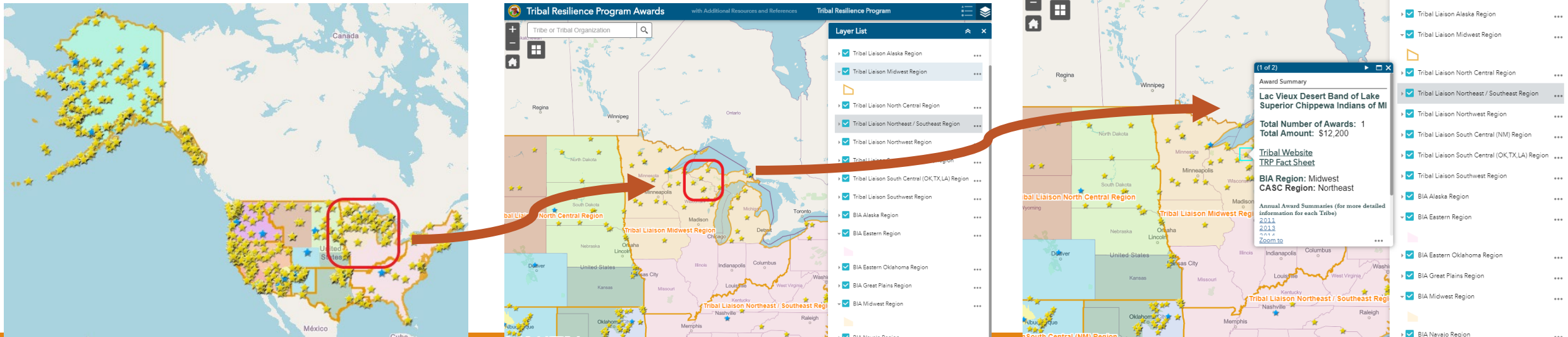


Tools

TCR Geospatial Applications

Interactive Awards Map – data over the past 10 years!

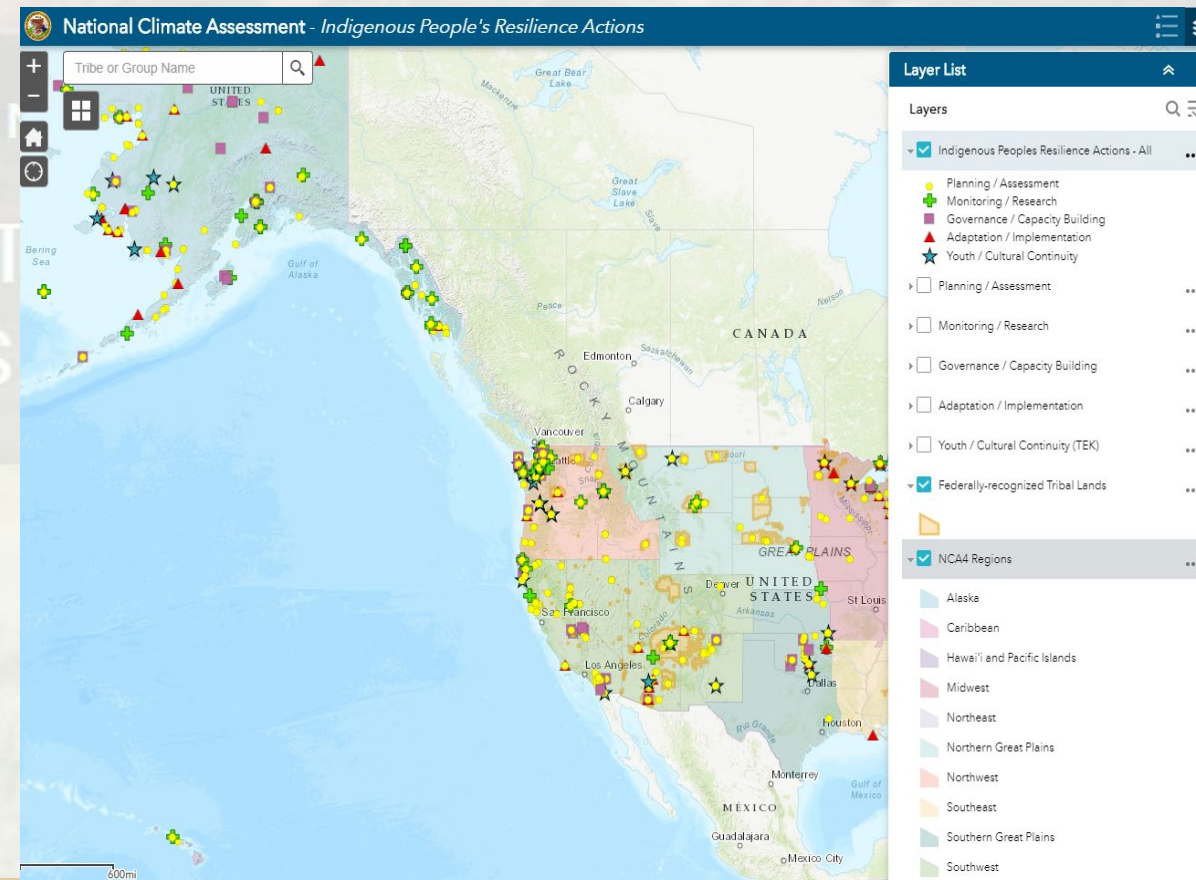
- Counts of past awards and funding totals for each Tribe
- Links to Award Summaries to see tribal award for each year
- Can turn layers on or off to see different BIA Regions, Tribal Liaison Regions, or TRP awards

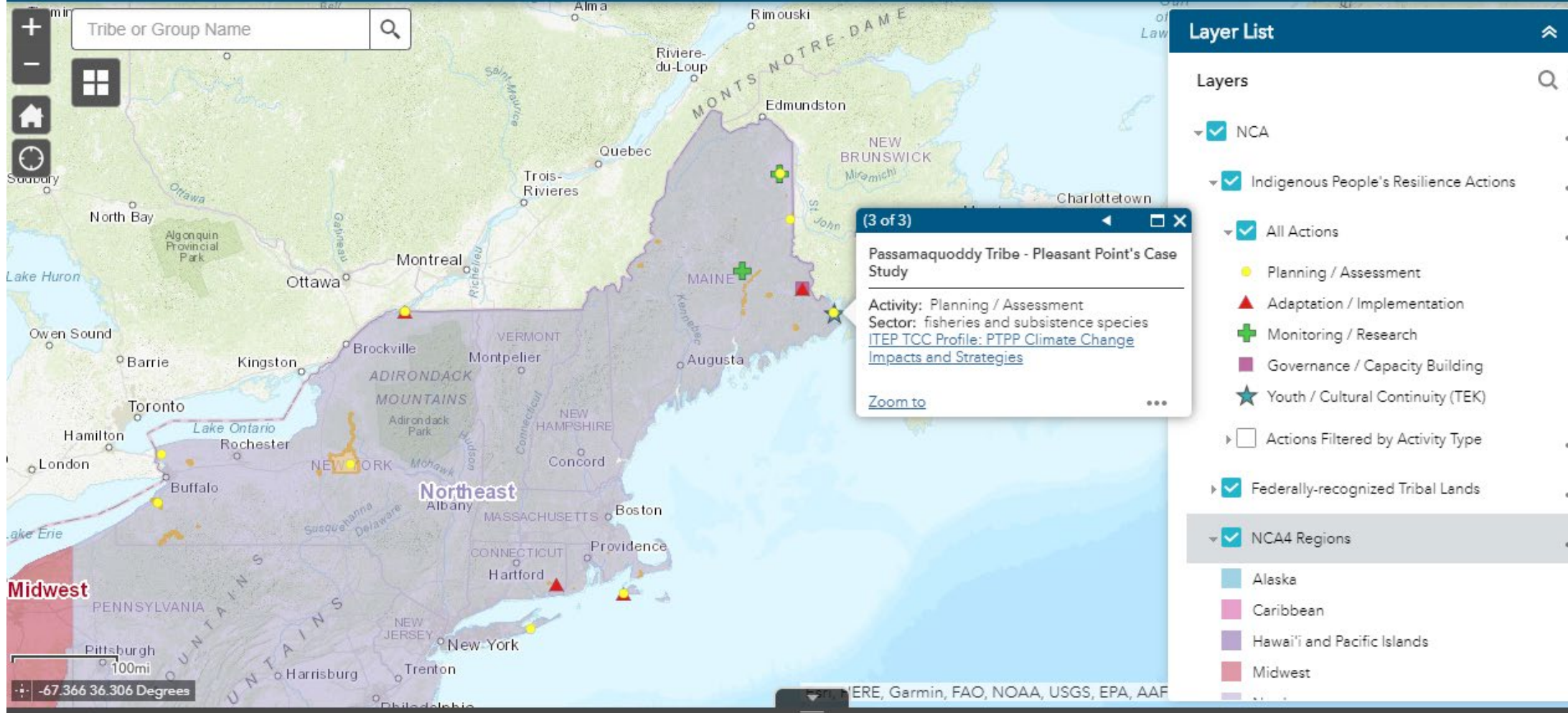


TCR Geospatial Applications

National Climate Assessment (NCA) Interactive Web Map

- Displays locations of Indigenous Peoples' Resilience Actions
- Search by NCA Region
- Search by Activity Type:
 - Planning / Assessment
 - Monitoring / Research
 - Governance / Capacity Building
 - Adaptation / Implementation
 - Youth / Cultural Continuity





All Actions | Federally-recognized Tribal Lands | NCA4 Regions

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Tribe or Group Name	Action Title	Action URL Address	Action Type	Activity	Sector
Passamaquoddy Tribe - Pleasant Point	FY15 Training: Steps in Adapting Maine Wabanaki Culture and Economy to the Changing Climate - Connecting 5 Wabanaki Tribes in a Climate Adaptation Learning Process	https://biomaps.doi.gov/tribalresilienc Project		Planning / Assessment	cultural resources
Passamaquoddy Tribe - Pleasant Point	ITEP TCC Profile: PTPP Climate Change Impacts and Strategies	http://www7.nau.edu/itep/main/tcc/Tr Case Study		Planning / Assessment	fisheries and subsistence species



Climate Tool: Tribal Resilience Resource Guide



TRAINING



PLANNING



FUNDING



TKS/TEK



AGENCIES



YOUTH



REGIONS



TRIBES

Links to Fact Sheets for resources to:

- Planning
- Traditional Knowledges
- Youth
- Tribes and Tribal organizations lists
- Quick links to Agency resources
- Funding
- Training

Passamaquoddy Tribe - Pleasant Point Fact Sheet

Names (Federal Register): *Passamaquoddy Tribe - Pleasant Point*

Federal Links: Select the Agency Acronym (blue link) for an Agency Fact Sheet and the orange link to its right for regional contacts or homepage. For more information, hover over a link for agency or program details before making a selection.

Tribal: [Official Website \(or group site\)](#)

[CSC: Northeast](#)
[USDA CLIMATE HUB: Northeast](#)
[EPA: R1](#) [FEMA: R1](#)

[BIA Region: Eastern Regional Fact Sheet](#)
Eastern Regional Office
[LCC: North Atlantic](#)
[USDA NRCS:Locator](#) [USDA USFS: Eastern](#)
[DOT/FWHA: Eastern](#)

[DOE: ME](#)
[FWS: Northeast](#)
[NOAA: Region](#) [RISA: None](#)
[HUD: Eastern/Woodlands](#)

▶ Awards

- FY15 Training & Workshops
- FY15 Youth Engagement
- BIA TCRP FY11-16 Awards Map
- More Climate Funding Options

▶ Groups

- United South and Eastern Tribes
- NE Indigenous Resilience Network

▶ Documents

▶ Tools

- CRT Tool: Guidelines for Considering Traditional Knowledges in Climate Change Initiatives
- CRT Tool: Tribal Climate Change Guide
- CRT Tool: Tribal Climate Change Adaptation Planning Toolkit
- Other Tribal Nations Examples

▶ Examples

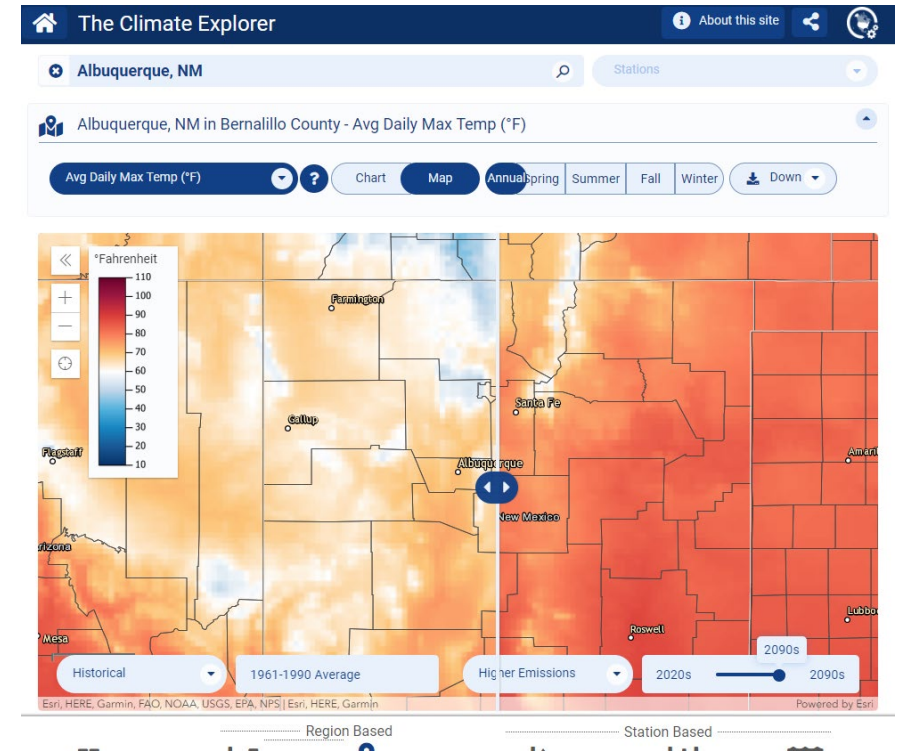
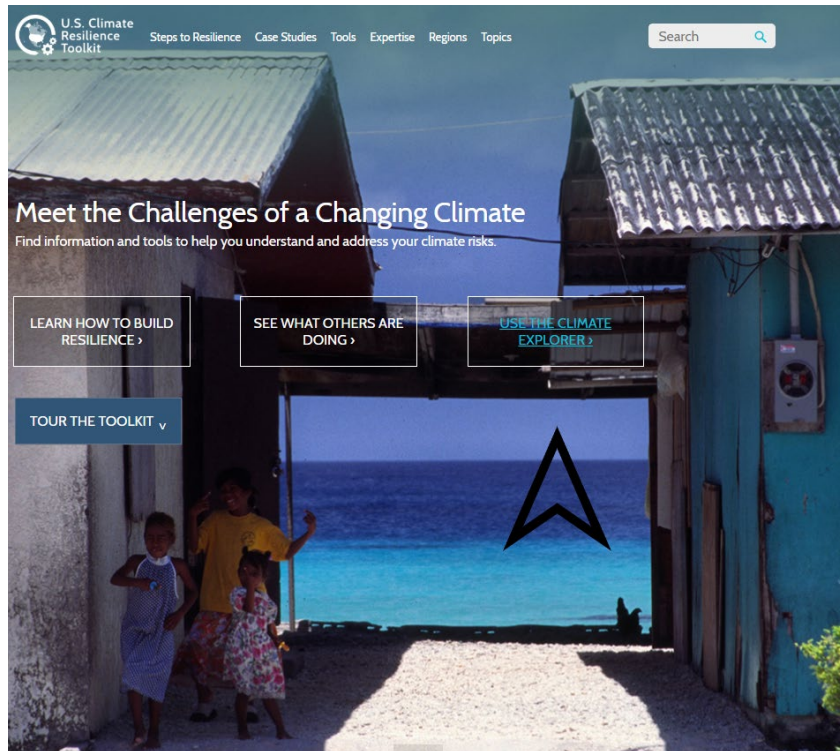
- ITEP TCC Profile: PTPP Climate Change Impacts and Strategies
- Tribal forest project helps slow climate change, generates revenue
- Other Tribal Nations Examples

▶ Data & Maps

- EPA Climate Impacts by State for: ME
- HUC8: 01050004 - Passamaquoddy Bay-Bay of Fundy Resource Links
- NOAA NCEI ME State Climate Summary
- Toolkit Climate Explorer 2.0: Historical & Projected Temperature & Precipitation
- Tribal Nations Geospatial Data
- Tribal Nations Map Gallery

U.S. Climate Resilience Toolkit: The Climate Explorer

Climate Maps, Climate Charts, High-Tide Flooding, Historical Weather Data, Historical Thresholds





Youth

Native Youth Community and Adaptation Leadership Congress: A week-long summer experience for high-school aged students, who work together to develop skills in conservation leadership. The event is hosted at the US Fish and Wildlife Service's National Conservation Training Center, West Virginia in partnership with BIA's Tribal Resilience Program.



Thank you!

Please contact BIA Tribal Climate Resilience for questions:

For Annual Awards Program questions, contact Resilience.Funding@bia.gov

To be added to the TCR listserv, contact Resilience.News@bia.gov

Rachael Novak, Program Coordinator and Climate Science Coordinator
Rachael.Novak@bia.gov; Phone: (202)510-5198

Or check out our website for more information:

<https://www.bia.gov/bia/ots/tribal-climate-resilience-program>