

Total Number of Awards: 85 Total Funded: \$8,629,292

Total Number of Requests: 221 Total Requested: \$26,543,210

Category 1: Training & Workshops

To Design and Host Opportunities to Build Skills and Coordinate Adaptation Planning Processes

Category 1 Number of Awards: 5 Category 1 Total Funding: \$763,237

Tribe: Affiliated Tribes of Northwest Indians

Title: ATNI/USET Collaborative Bi-Coastal Tribal Consortium Climate Change Trainings & Workshops

Project Description Estimated Tribes Benefitting: 83 Award Amount: \$249,719

To jointly design and host Tribal Climate Change trainings and workshops to the elected Tribal leaders, Tribal climate change coordinators, planners, and program managers of the 83 ATNI and USET member Tribes, which will include Collaborative Bi-Coastal Tribal Climate Change Workshops on the east and west coasts, a Tribal Climate Change Boot Camp, and the Second Annual Tribal Leaders Summit on Climate Change

Tribe: Confederated Salish & Kootenai Tribes of the Flathead Reservation

Title: Tribal Collaboration to Address Climate Change in the North Central / Great Northern Region

Project Description Estimated Tribes Benefitting: 2 Award Amount:

To enable CSKT and Blackfeet Tribes to collaborate together and with the Roundtable on the Crown of the Continent and the Great Northern Landscape Conservation Cooperative (GNLCC) to conduct a Regional workshop with First Nations throughout the region to share ideas, strategies and provide support for Tribal Climate Adaptation Planning

Tribe: La Jolla Band of Luiseno Indians, California

Title: Southern California Tribal Climate Change Summit

Project Description Estimated Tribes Benefitting: 18 Award Amount: \$208,455

Participants will learn about climate change and its impacts in the southern California region, processes for conducting climate change impact and vulnerability assessments and adaptation planning, and how Tribes are being impacted and have been addressing the impacts through developing and implementing adaptation strategies. A Summit Report will be produced and sessions will be recorded and posted with presentations to the ITEP website.

Tribe: Nooksack Indian Tribe

Title: Training Workshop and Webinars on the Nooksack Indian Tribe's Climate Change Project

<u>Project Description</u> Estimated Tribes Benefitting: 10 Award Amount: \$25,255

To provide two webinars and a workshop to glacier-fed tribes in BIA NWT and possibly ALA regions to be held in the North Sound region for Tribes that are serviced by glaciers (including Stillaguamish, Sauk-Suiattle, Upper Skagit, Swinomish, Lummi, Snoqualmie and Tulalip Tribes, Quinault, Quileute, and Hoh tribes). We will also extend our invitation to Alaskan tribes that are within watersheds fed by glaciers to participate in person or by video conferencing.

\$73,550



Category 1: Training & Workshops

To Design and Host Opportunities to Build Skills and Coordinate Adaptation Planning Processes

Category 1 Number of Awards: 5 Category 1 Total Funding: \$763,237

Tribe: Rosebud Sioux Tribe of the Rosebud Indian Reservation, SD

Title: Great Plains Tribal Water Alliance (GPTWA) Climate Partnership: Development of Water Resource Vulnerability Assessments Process and Guidebook

Project Description Estimated Tribes Benefitting: 4 Award Amount: \$206,258

To build technical capacity for conducting climate vulnerability assessments focused on the Tribal water resources of four reservations: Rosebud, Pine Ridge, Standing Rock and Flandreau to demonstrate approaches for developing a water resources vulnerability assessment for each tribe; and to build technical capacity to develop their individual Tribal Climate Adaptation Plan and integrate it into other key tribal programmatic documents and processes



Category 2: Climate Adaptation Planning

To Develop Climate Adaptation Plans, Vulnerability Assessments, and Data Analysis

Category 2 Number of Awards: 20 Category 2 Total Funding:\$4,191,299

Tribe: Central Council of the Tlingit & Haida Indian Tribes of Alaska

Title: Development of a Climate Adaptation Plan to be shared with the Southeast Alaska Tribes

Project Description Estimated Tribes Benefitting: 16

To develop a Climate Adaptation Plan Template that includes areas of concern and impact probability utilizing a climate matrix to help Central Council and other Southeast Alaska Tribes prepare for and increase their resilience to climate and weather related events. Planning for the future will allow the Central Council to benefit from emerging opportunities, protect against undesired impacts, and ensure the cultural and subsistence resources are available for future generations.

Tribe: Chilkoot Indian Association (Haines)

Title: Identifying climate vulnerabilities and prioritizing adaption strategies for Eulachon populations in the Chilkoot and Chilkat rivers and the application of local monitoring systems

Project Description Estimated Tribes Benefitting: 3 Award Amount: \$248,732

To build the capacity of the Tribe to complete a tribally-based climate change vulnerability assessment and adaptation plan for changes in the Eulachon and sockeye fish populations and to develop a training program where upper Lynn Canal Tribal (Haines, Skagway and Klukwan) tribal stakeholders will be trained to analyze climate change projections, apply traditional knowledge, rank climate vulnerabilities, and prioritized adaptation strategies

Tribe: Council of Athabascan Tribal Governments

Title: Council of Athabascan Tribal Governments: Vulnerability Assessments and Data Analysis to Support Climate Adaptation Planning

Project Description Estimated Tribes Benefitting: 8 Award Amount: \$247,352

To assess the vulnerability of communities to climate-change related air pollution that affects health and our traditional way of life and to develop the basis for climate adaptation plans. Emission, meteorological and chemical data will be collected to establish the baseline of current exposure to health-adverse air pollution and to identify source contributions. An automatic monitoring network will be implemented for air quality data collection and for community health advisories

Tribe: Delaware Tribe of Indians

Title: Oklahoma Kansas Tribal Coalition to Develop Climate Resilience (OKTC)

Project Description Estimated Tribes Benefitting: 3 Award Amount: \$249,761

To better prepare for and respond to a changing climate and to build technical capacity for conducting climate adaptation planning focused on the environmental resources of Tribal service areas: Delaware Tribe, Shawnee Tribe, and the Delaware Nation and to conduct vulnerability assessments for each Tribe

Award Amount: \$181,946



Category 2: Climate Adaptation Planning

To Develop Climate Adaptation Plans, Vulnerability Assessments, and Data Analysis

Category 2 Number of Awards: 20 Category 2 Total Funding:\$4,191,299

Tribe: Inter-Tribal Council of Michigan, Inc.

Title: ITCMI Climate Adaptation Planning for Forest Resources Among Michigan's Federally Recognized

Tribes

Project Description Estimated Tribes Benefitting: 9 Award Amount: \$204,705

To develop integrated adaptation strategies and planning resources that will allow Tribes to anticipate probable climate impacts and implement the best strategies to protect critical forest resources. Tribal forest-related climate change priorities will be identified and communicated to both tribal and non-tribal leadership for inclusion in current and future decision-making on tribal, state, and federal lands.

Tribe: Kickapoo Tribe of Oklahoma

Title: Development of a Climate Change Adaptation Plan for the Kickapoo Tribe of Oklahoma

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$73,263

To develop a climate change adaptation plan that will identify high-priority areas of interest for the development of adaptation strategies, develop goals and actions for each high-priority area of interest, and identify the resources necessary to accomplish each action. The plan will address the following sectors: land use, utilities, emergency services, human health, cultural resources, fish and wildlife, and water resources.

Tribe: La Jolla Band of Luiseno Indians, California

Title: La Jolla Climate Change Adaptation Planning

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$117,051

To develop and implement adaptation strategies and plans in order to protect our Tribal resources, to raise awareness about the changing climate and its variations among Tribal departments and leadership, to improve existing Tribal planning documents, to make a draft Climate Change Adaptation Plan, to build understanding and improve collaboration with federal, state, and local communities and neighboring Tribes

Tribe: Native Village of Elim

Title: Climate Resilience Planning Project

Project Description Estimated Tribes Benefitting: 5 Award Amount: \$162,559

To conduct climate adaptation planning and implementation activities to address climate impacts through restoration of Traditional Ecological Knowledge (TEK) and integration into conventional data collection and analysis as an adaptation planning, implementation, and policy strategy and to establish a network of Native Villages and other stakeholders that addresses watershed, landscape-scale ecosystem, habitat, and species vulnerabilities with knowledge exchange and training components



Category 2: Climate Adaptation Planning

To Develop Climate Adaptation Plans, Vulnerability Assessments, and Data Analysis

Category 2 Number of Awards: 20 Category 2 Total Funding:\$4,191,299

Tribe: Navajo Nation, Arizona, New Mexico & Utah

Title: Ancient Trees and Global Change: A vulnerability assessment of old-growth forests on the Navajo

Nation

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$216,694

To generate new quantitative datasets synthesized with new traditional ecological knowledge from Navajo tribal members and elders on forests history, importance, and processes to develop a vulnerability assessment of our old-growth forests in the face of impending climate changes. This study represents a vital step in our ability to adapt and plan for climate change, and lays the groundwork for future observations of change as we manage our forests for the benefit of the Diné for perpetuity.

Tribe: Nooksack Indian Tribe

Title: Continued Baseline Monitoring to discern climate change impacts, refined DHSVM model calibration and verification, vulnerability assessment, and adaptation planning in the Nooksack River Watershed

<u>Project Description</u> Estimated Tribes Benefitting: 4 Award Amount: \$250,000

To develop an impact analysis for sediment, stream temperature, and hydrology associated with legacy impacts and climate change, a vulnerability assessment, and adaption plan for river restoration that is effective in the face of climate change for the Nooksack River in general, and more specifically, the Middle Fork and North Fork Nooksack rivers

Tribe: Oscarville Traditional Village

Title: Oscarville Traditional Council's Coordination Center for A Holistic Approach to Climate Adaptation in Alaska Native Villages

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$248,950

To enable the Oscarville Traditional Council and Cold Climate Housing Research Center (CCHRC) to build on a cooperative pilot project to establish a Coordination Center to create the climate adaptation and sustainability plan. The template used to create this plan will inform state and regional governments as they address several of Alaska Native Villages that are imminently threatened by climate change.

Tribe: Point No Point Treaty Council

Title: FY 2016 Point No Point Treaty Council Stream Modeling and Pilot Estuary Vulnerability Assessments

Project Description Estimated Tribes Benefitting: 3 Award Amount: \$243,624

To compare past data with current data to demonstrate more clearly the climate change implications that may have taken place already for our Tribes to determine future declining trends toward our natural resources



Category 2: Climate Adaptation Planning

To Develop Climate Adaptation Plans, Vulnerability Assessments, and Data Analysis

Category 2 Number of Awards: 20 Category 2 Total Funding:\$4,191,299

Tribe: Rosebud Sioux Tribe of the Rosebud Indian Reservation, SD

Title: Great Plains Tribal Water Alliance (GPTWA) Climate Partnership: Development of Water Resource Vulnerability Assessments to Build Tribal Resilience

Project Description Estimated Tribes Benefitting: 4

The project team will work with the South Dakota School of Mines to hire four engineering/science student members of participating Tribes that attend a Tribal college to hold webinars, conduct vulnerability assessments, and provide a summary workshop and followup webinars and/or focus groups to evaluate the effectiveness of the climate summaries to convey climate and related impact/vulnerability information. Results will be developed into a summary report.

Tribe: Shoshone and Arapaho Tribes of Wind River Indian Reservation

Title: Understanding the History of Water on Wind River Reservation to Inform Climate Adaptation

Project Description Estimated Tribes Benefitting: 2

To use rings of Cottonwood trees to reconstruct approximately 250 years (back to around the year 1770, pre-reservation era) to contribute to monitoring climate and hydrology at the reservation for climate adaptation planning (agriculture and drought planning), vulnerability assessments (drought risk study), and design and implementation of infrastructure (storage feasibility study)

Tribe: Skokomish Indian Tribe

Title: Development and Application of Liquid Chromatography – Mass Spectrometry (LC/MS) methods to monitor algal toxins in Hood Canal, Washington

Project Description Estimated Tribes Benefitting: 1

To develop sensitive, reliable analytical methods for algal toxins and to work with DOH and the NW Association of Networked Ocean Observing System (NANOOS) to monitor algal toxins from water and shellfish tissue samples to establish an early alert system

Tribe: Squaxin Island Tribe of the Squaxin Island Reservation

Title: Assessment of Climate Change-Related Impacts and Adaptation Planning for Cultural and Subsistence Resources – Shellfish and Forage Fish

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$185,677

To assess the vulnerability of shellfish and forage fish within Oakland Bay due to sea level rise and to explore adaptation actions to mitigate the threat of changing ocean conditions to maintain sustainable harvests, and to create a map/visual of the current shellfish zones for 2016 and projected shellfish zones for 2100 under various sea level rise projections to develop a climate adaptation strategy to sustain the shellfish habitat that the tribe depends on

Award Amount: \$243,202

Award Amount: \$249,429

Award Amount: \$250,000



Category 2: Climate Adaptation Planning

To Develop Climate Adaptation Plans, Vulnerability Assessments, and Data Analysis

Category 2 Number of Awards: 20 Category 2 Total Funding:\$4,191,299

Tribe: Tolowa Dee-Ni' Nation (aka Smith River Rancheria)

Title: Baseline and Vulnerability Assessment of Da'-me' (Smith River Estuary) for Climate Adaptation Planning

<u>Project Description</u> Estimated Tribes Benefitting: 1 Award Amount: \$249,035

To assess several resilience stressors and conduct a vulnerability assessment for the Smith River Estuary to increase understanding of the potential impacts from climate change and advance climate adaptation, as well as, ocean and coastal management knowledge, in order to protect culturally important marine resources

Tribe: Tulalip Tribes of Washington

Title: Tulalip Climate Adaptation Plan

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$250,000

To support a climate coordinator and enroll in the Model Forest Policy Program's Climate Solutions University to use this stepwise climate curriculum with expert coaching with the tribe's climate planning team's support to develop an adaptation plan that fits tribal, local and regional priorities and resources

Tribe: Upper Snake River Tribes Foundation

Title: Upper Snake River Tribes Foundation Climate Change Adaptation Plan for the Aquatic, Terrestrial, and Tribal Enterprise Resources in the Upper Snake River Watershed of Idaho, Nevada, Oregon, and Wyoming

Project Description Estimated Tribes Benefitting: 4 Award Amount: \$147,312

To conduct a collaborative, broad, and regional-scale adaptation plan for aquatic/terrestrial species, habitats, and tribal enterprises utilizing several approaches for the four tribes involved (Burns Paiute Tribe, Fort McDermitt Paiute-Shoshone Tribe, Shoshone-Bannock Tribes of the Fort Hall Reservation, and Shoshone-Paiute Tribes of the Duck Valley Reservation) building from a completed vunerability assessment

Tribe: Yurok Tribe of the Yurok Reservation, California

Title: Vulnerability Assessment for Yurok Coastal Prairies

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$172,007

To evaluate the extent of historical anthropogenic caused conversion of mountain meadows to forest by historical logging practices, to quantify the rate of conifer encroachment caused by the absence of traditional Yurok prescribed burning and land management practices, and to prepare a climate change vulnerability assessment for mountain meadows to qualify the conditions and likelihood of perseverance and resilience of these sensitive ecosystems when considering expected climate change impacts



Category 3: Travel (Climate)

Travel Support for Climate Adaptation Planning Training and Cooperative Efforts

Category 3 Number of Awards: 32 Category 3 Total Funding: \$720,006

Tribe: Affiliated Tribes of Northwest Indians

Title: ATNI/USET - Collaborative Bi-Coastal Tribal Consortium Climate Change Initiative: Travel

Project Description Estimated Tribes Benefitting: 57 Award Amount: \$13,156

For ATNI Executive Committee and Climate Change Project Coordinator to participate in LCCs, ACCCNRS, Advisory Teams, and the ATNI & USET Collaborative Bi-Coastal Tribal Consortium Climate Change Initiative Committee (ESAC) in order to assist in coordinating and disseminating information and policy issues to the 57 Tribes of ATNI

Tribe: Aroostook Band of Micmacs

Title: Aroostook Band of Micmacs - Category 3 - Travel

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$27,589

To access training and technical workshops that will build capacity and currency of skills and a knowledge base for Tribal staff and leaders who will be involved with the creation and implementation of a strategic climate change adaptation plan

Tribe: Bristol Bay Native Association

Title: Bristol Bay Tribal Leader and Staff Travel Support to Attend the 2016 7th Annual Northwest Climate

Conference

Project Description Estimated Tribes Benefitting: 14 Award Amount: \$53,216

To bring BBNA Natural Resources Department staff that work on climate change issues, as well as the tribal president or their designees of fourteen (14) tribes from the Bristol Bay region of Southwest Alaska to the Pacific Northwest climate change conference

Tribe: Buena Vista Rancheria of Me-wuk Indians of California

Title: Climate Adaptation Planning Travel Support

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$10,000

To initiate planning to address climate change by attending relevant trainings; networking with other tribes and gaining as much support as possible from other like-minded agencies. Based on the knowledge acquired through the trainings, the Tribe hopes to develop a climate adaptation plan.

Tribe: Chickaloon Native Village

Title: Chickaloon Native Village Travel Proposal

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$16,968

For Traditional Council members and/or staff members to attend trainings to develop Tribal capacity and understanding to enable us to prepare for developing a written climate change adaptation and mitigation plan



Category 3: Travel (Climate)

Travel Support for Climate Adaptation Planning Training and Cooperative Efforts

Category 3 Number of Awards: 32 Category 3 Total Funding: \$720,006

Tribe: Chugach Regional Resources Commission

Title: Climate Change Adaptation Planning Category 3. Travel Support – Climate

Project Description Estimated Tribes Benefitting: 7 Award Amount: \$13,920

For those Tribes and staff involved in the CRRC climate adatpation process to attend recommended climate workshops, technical training, and cooperative entity meetings

Tribe: Confederated Tribes of the Colville Reservation

Title: Colville Tribes Climate Change Adaptation Planning Project 2016, Travel and Support Category 3

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$14,4

To provide training to grow future climate leaders and enhance the Tribe's current expertise and capabilities in managing Climate Change Adaptation by attending the Northwest Climate Science Center Boot Camp, Tribal Climate Camp, Climate Change Adaptation training, and the 2017 National Adaptation Forum

Tribe: Confederated Tribes of the Grand Ronde Community of Oregon

Title: Confederated Tribes of Grand Ronde - Climate Travel Support

Project Description Estimated Tribes Benefitting: 4 Award Amount: \$5,717

To build Tribal capacity by supporting several Tribal Natural Resources staff to attend climate adaptation trainings and workshops

Tribe: Federated Indians of Graton Rancheria, California

Title: Federated Indians of Graton Rancheria Climate Change Education Travel

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$7,903

To support and develop Tribal Climate Adaptation practices by achieving the following four goals: Educating and empowering Tribal Leadership, staff and Tribal citizens, Promoting Tribal staff development in Climate Adaptation education and resource management, Initiating Climate Adaptation technical information sharing, and Obtaining resources and tools for Climate Adaptation Planning, education and training to build tribal capacity for drafting future Climate Adaptation Plans

Tribe: Fort Sill Apache Tribe of Oklahoma

Title: FSAT Climate Change Travel Support

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$2,920

To attend climate change related trainings to enhance understanding on climate change and to help facilitate climate change endeavors



Category 3: Travel (Climate)

Travel Support for Climate Adaptation Planning Training and Cooperative Efforts

Category 3 Number of Awards: 32 Category 3 Total Funding: \$720,006

Tribe: Hopi Tribe of Arizona

Title: Hopi Tribe Climate Adaptation Travel Support for FY17

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$16,888

To build the capacity of the Hopi Tribe to analyze the effects of climate change on Hopi lands and water resources by attending technical workshops and trainings related to climate change assessment and adaptation to assess potential effects of climate variation and to devise and create strategic plans for the Hopi Tribe to deal with a changing climate

Tribe: Houlton Band of Maliseet Indians

Title: Participation in two cooperative climate change adaptation efforts at the regional level

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$4,270

To participate in climate change adaptation efforts at the regional level

Tribe: Kalispel Indian Community of the Kalispel Reservation

Title: Kalispel Tribe Climate Resilience Team Travel Support - Climate

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$19,088

To attend climate change and adaptation trainings and conferences at the local, regional, and national level to build Tribal capacity to address climate change issues

Tribe: La Jolla Band of Luiseno Indians, California

Title: La Jolla Band of Luiseño Indians Travel Support - Climate #1

Project Description Estimated Tribes Benefitting: 20 Award Amount: \$30,122

To allow La Jolla Tribal Leadership, Tribal Administrator, and other departmental staff to learn climate change adaptation planning and networking with local, regional, and national agencies to develop a stong climate change resilence partnership

Tribe: Makah Indian Tribe of the Makah Indian Reservation

Title: Makah Climate Change Travel Support

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$9,890

To attend relevant climate change related trainings and workshops for several staff engaged in the Climate Change Workgroup in Fisheries, Office of Marine Affairs, and Forestry to attend climate change related meetings to report back to advance our adaptation planning efforts



Category 3: Travel (Climate)

Travel Support for Climate Adaptation Planning Training and Cooperative Efforts

Category 3 Number of Awards: 32 Category 3 Total Funding: \$720,006

Tribe: Minnesota Chippewa Tribe - Grand Portage Band

Title: Grand Portage Vulnerability Assessments, Training, Coastal Fisheries and Surveys to Address Lake Superior Coastal Management Concerns

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$14,300

To permit tribal staff to attend important trainings to build our climate adaptation knowledge and skills

Tribe: Native American Fish and Wildlife Association (NAFWS)

Title: Travel Assistance for Tribes to attend Climate Change Workshop held in conjunction with the 2017 NAFWS SW Reg. Conf.

Project Description Estimated Tribes Benefitting: 20 Award Amount: \$20,000

To support travel to Annual Southern Rockies (SR) LCC "Tribes Only" Climate Change Response Meeting

Tribe: Navajo Nation, Arizona, New Mexico & Utah

Title: Tribal Travel Support for Participants to Attend Climate Trainings and Workshops including the participation on the Steering Commttee and Science Working Group of the SRLCC

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$250,000

To support travel and participation to engage partners and local chapters and organizations in a Climate Change Adaptation Planning and Training Workshop and to continue to participate in the SRLCC to engage and promote climate adaptation capacity for communities across the Navajo Nation to enhance the ability to provide more climate change related projects in communities with the assistance from NNDFW to develop a more "climate ready" management plan

Tribe: Nooksack Indian Tribe

Title: Nooksack Indian Tribe Travel to Relevant Climate Change Training Workshops, Meetings, and Symposiums

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$17,700

To attend a number of conferences, forums, and workshops that build capacity and expertise in climate change adaptation planning and action for tribal technical staff and program managers that are leads in climate change adaptation coordination

Tribe: Prairie Band of Potawatomi Nation

Title: Tribally-Designed Climate Change Communication Workshops

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$14,548

To coordinate tribally designed meetings and workshops in the area of climate change adaptation to enable in-person meetings and workshops between representatives of state and federal agencies and the Tribal community and administrative personnel after acquiring the skills, tools and knowledge necessary for climate communication



Category 3: Travel (Climate)

Travel Support for Climate Adaptation Planning Training and Cooperative Efforts

Category 3 Number of Awards: 32 Category 3 Total Funding: \$720,006

Tribe: Pueblo of Tesuque

Title: Travel Support - Climate Change

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$13,075

To allow staff to attend various climate trainings and conferences to begin to study and learn more about the impacts of climate change on the Pueblo Tesuque and to build capacity to learn more about the climate change and data collection and how to use GIS/GPS in developing vulnerability maps and strategic plans for addressing climate change implications and to share this information with the community

Tribe: Quileute Tribe of the Quileute Reservation

Title: Quileute Tribe Climate Change Travel Support

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$10,000

To educate the next generation of staff persons on climate to fill in retirements - the plans in process are the seeds for the future, and remaining/incoming staff will be the gardeners

Tribe: Quinault Indian Nation

Title: Climate-Smart Conservation and Training

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$20,431

To increase Tribal knowledge of climate change impacts and adaptation planning by sending staff and leadership to the USFWSNCTC Safe Guarding Wildlife from Climate Change web training & Climate Smart Conservation Training, the NW Environmental Training Center Salmon Habitat trainings, the 2017 National Adaptation Forum, ACCO Climate Strategies Forum, and the Climate Change Boot Camp

Tribe: Ramona Band of Cahuilla, California

Title: Ramona Band of Cahuilla Travel Support for Climate Adaptation Planning

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$18,724

To attend climate change-specific trainings and conferences to ensure that staff have a strong baseline understanding of climate change planning, adaptation processes and scenario planning to engage with the community and to present mitigation strategies for impacts that the Ramona Band will likely experience as a result of climate change

Tribe: Sauk-Suiattle Indian Tribe

Title: Travel Support - Continued Education in Climate Sciences for Sauk-Suiattle Indian Tribe Staff

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$2,504

To attend a variety of climate change-oriented conferences and workshops to build Tribal capacity to address the emerging threat of climate change to the Tribe's traditional way of life and to assert Tribal values during interdisciplinary natural resource management panels, and to make informed scientific decisions for the betterment of the Sauk-Suiattle community



Category 3: Travel (Climate)

Travel Support for Climate Adaptation Planning Training and Cooperative Efforts

Category 3 Number of Awards: 32 Category 3 Total Funding: \$720,006

Tribe: Suquamish Indian Tribe of the Port Madison Reservation

Title: Suguamish Travel Support for PNW Climate Science Conference

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$8,350

To attend the 7th Annual PNW Climate Science Conference to provide information to tribal members and staff who will be participating in the Suquamish Climate and Ocean Change Adaptation Planning process

Tribe: The Quapaw Tribe of Indians

Title: Quapaw Tribe Climate Change Training Travel Support

Project Description Estimated Tribes Benefitting: 3 Award Amount: \$14,886

To send Quapaw Tribe Envionrmantal Department personnel to participate in a myriad of forums and training relating to climate change

Tribe: Upper Skagit Indian Tribe

Title: Upper Skagit Indian Tribe Climate Adaptation and Resiliency Travel Support

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$20,625

To provide travel support for tribal representatives to attend trainings, conferences and workshops to advance climate adaptation assessment and resiliency planning

Tribe: Upper Snake River Tribes Foundation

Title: Travel Support to Develop Climate Change Adaptation Knowledge, Skills, and Resource Building

Project Description Estimated Tribes Benefitting: 4 Award Amount: \$10,636

To attend climate change focused conferences, meetings, seminars, and classes in order to network and to increase knowledge of current and developing climate change projects/classes/theories/and applications

Tribe: Walker River Paiute Tribe of the Walker River Reservation, Nevada

Title: Walker River Paiute Tribe Travel Support

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$24,285

To train two or three staff and tribal leaders on the effects of climate change and provide adaptation tools needed to protect our culture and resources

Tribe: Wichita and Affiliated Tribes

Title: Wichita Department of Environmental Programs (WDEP) Travel Support

<u>Project Description</u> Estimated Tribes Benefitting: 1 Award Amount: \$4,395

To attend technical workshops or to participate in cooperative climate change adaptation efforts, including Landscape Conservation Cooperatives and other similar management forums



Category 3: Travel (Climate)

Travel Support for Climate Adaptation Planning Training and Cooperative Efforts

Category 3 Number of Awards: 32 Category 3 Total Funding: \$720,006

Tribe: Yurok Tribe of the Yurok Reservation, California

Title: Yurok Tribe's Request for Travel Support to Continue Climate Change Outreach and Capacity Building

Project Description Estimated Tribes Benefitting: 3 Award Amount: \$9,500

To continue participation in the North Pacific Landscape Conservation Cooperative (NPLCC) and to attend a climate change adaptation training and a climate change capacity building conference



Category 4: Ocean and Coastal Management Planning

To Develop Ocean and Coastal Management Plans for Marine and Coastal Resources

Category 4 Number of Awards: 10 Category 4 Total Funding: \$1,971,328

Tribe: Agdaagux Tribe of King Cove

Title: Ocean and Coastal Community-Based Resource Monitoring in the King Cove/Aleutian Island Region,

Alaska

Project Description Estimated Tribes Benefitting: 2 Award Amount: \$174,362

To address climate, ocean, and coastal management issues by developing cooperative marine resource planning strategies that are applicable to all BeringWatch communities to enhance the detection rate of changing climatic conditions and to plan for future adaptation in response to potential future impacts by expanding the Citizen Sentinel (CS) component of the BeringWatch program by furnishing Volunteer Sentinels with appropriate training

Tribe: Bristol Bay Native Association

Title: Bristol Bay Marine Multi-Species Conservation Tribal Planning Research Project

Project Description Estimated Tribes Benefitting: 3 Award Amount: \$250,000

To create an integrated GIS system of spatial data that documents subsistence use areas and marine mammal habitat combining TEK and western science to expand the existing Bristol Bay Marine Mammal Council management plans and increase awareness among federal and state marine mammal co-managers of Bristol Bay concerns and issues to building capacity with partner coastal communities for understanding and adapting to changes in the distributions and availability of marine mammals for subsistence

Tribe: Chugach Regional Resources Commission

Title: Monitoring for Ocean Acidification Near Coastal Villages and Communities in South-Central Alaska: Building Capacity and Assessing Vulnerability

Project Description Estimated Tribes Benefitting: 7 Award Amount: \$43,018

To determine the annual variations, outline trends and continue with the training and capacity building in the villages concerning climate change and to process ocean acidification samples from the villages and partners to secure long term funding and partnerships

Tribe: Confederated Tribes of Siletz Indians of Oregon

Title: Siletz Tribal Finfish Vulnerability Assessment - Phase One

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$250,000

To understand and document the effects of predicted climate change scenarios on finfish habitat and to develop the capacity to address those predicted changes to allow for cultural preservation



Category 4: Ocean and Coastal Management Planning

To Develop Ocean and Coastal Management Plans for Marine and Coastal Resources

Category 4 Number of Awards: 10 Category 4 Total Funding: \$1,971,328

Tribe: Lummi Tribe of the Lummi Reservation

Title: Lummi Nation Adaptation Planning for Coastal Resources at Risk Phase II: Incorporating and Refining

Phase I Results

Project Description Estimated Tribes Benefitting: 2 Award Amount: \$236,878

To evaluate 2015 study results and identify key drivers and outcomes to evaluate and re-prioritize tidal delta and estuary restoration alternatives in terms of actions that best mitigate anticipated climate change impacts, to incorporate updated federal considerations for regulatory measures in the face of climate change, to develop a species or fishery-specific plan, to determine resources required to adopt and implement the plan, and to publish the resulting report

Tribe: Saint Paul Island

Title: Phase II: Expansion of the BeringWatch/ Sentinel Program to improve ocean and coastal management and adaptation planning

Project Description Estimated Tribes Benefitting: 7 Award Amount: \$178,982

To continue developing cooperative marine resource planning strategies that are applicable to all BeringWatch communities (St. Paul Island, King Cove, Akutan, False Pass, and Unalaska) in order to detect rapidly changing climatic conditions and plan for future adaptation and response to potential impacts, while including Hooper Bay (Naparyaarmiut in Central Yup'ik), Yukon-Kuskokwim Delta, Alaska

Tribe: Sitka Tribe of Alaska

Title: Assessing Regional Ocean Acidification Impacts Using the SEATOR Partnership

Project Description Estimated Tribes Benefitting: 16 Award Amount: \$248,247

To collect discrete water samples at each Southeast Alaska Tribal Ocean Research (SEATOR) Partnership site to assist all Southeast Alaska Tribes to make adaptive management decisions and to assess their vulnerability for human health risks and resource sustainability and to determine the "tipping point" at which Tribal leaders need to develop new strategies and adaption plans regarding traditional subsistence harvest practices

Tribe: Swinomish Indian Tribal Community

Title: Swinomish Sea Level Rise Adaptation Planning for High Risk Sites

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$91,631

To provide the Tribe with the framework to plan and implement site specific shoreline adaptation actions addressing sea level rise within the context of a complex web of interrelated cultural, jurisdictional and legal issues to develop specific tools that address how to respond to these potentially competing values and to serve as a model for other Tribes in the Puget Sound/ Salish Sea region who face similar challenges



Category 4: Ocean and Coastal Management Planning

To Develop Ocean and Coastal Management Plans for Marine and Coastal Resources

Category 4 Number of Awards: 10 Category 4 Total Funding: \$1,971,328

Tribe: Tolowa Dee-Ni' Nation (aka Smith River Rancheria)

Title: Tolowa Dee-ni' Nation Marine Water Quality Monitoring for Ocean and Coastal Management Planning

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$248,210

To conduct baseline ocean water chemistry monitoring to aid in the assessment of climate change in the development of ocean and coastal management planning for the Tolowa Dee-ni' Nation to inform an assessment of smelt habitat, a State-designated marine protected area, to collaborate with the Central and Northern California Ocean Observing System (CeNCOOS), the first such tribal collaboration with this group (i.e. pilot project)

Tribe: Upper Skagit Indian Tribe

Title: Upper Skagit Indian Tribe Feasibility Study and Capacity Building to Protect In-Stream Flows In the Skagit River Watershed

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$250,000

To develop a feasibility study assessing opportunities to capture, store and infiltrate peak flow runoff (stormwater) to support in-stream flows and to hire a licensed hydrogeologist to build ongoing Tribal staff capacity to address water resource issues. Protection of in-stream flows under climate change is essential to support the Tribe's treaty-reserved fishery and aquatic resources.



Category 5: Travel (Ocean and Coastal)

Travel Support for Ocean and Coastal Collaborative Planning Efforts

Category 5 Number of Awards: 2 Category 5 Total Funding: \$15,140

Tribe: Confederated Tribes of the Grand Ronde Community of Oregon

Title: Confederated Tribes of Grand Ronde - Ocean / Coastal Travel Support

Project Description Estimated Tribes Benefitting: 4 Award Amount: \$5,140

To build Tribal capacity in marine planning by supporting several Tribal Natural Resources staff to attend marine resource management trainings and workshops

Tribe: Quileute Tribe of the Quileute Reservation

Title: Quileute Tribe Ocean/Coast Planning Travel

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$10,000

To attend West Coast Regional Planning Body and West Coast Ocean Partnership, ocean and fisheries planning meetings, and state marine spatial planning and ocean mapping



Category 6: Management Internships

To integrate Climate Mitigation or Adaptation Planning into Programs for the Benefit of Tribes and Tribal Resources

Category 6 Number of Awards: 5 Category 6 Total Funding: \$347,408

Tribe: Affiliated Tribes of Northwest Indians

Title: CAT 6 - Youth Management Internships: ATNI Internships & Youth Engagement Initiative

Project Description Estimated Youth Benefitting: 3 Award Amount: \$74,531

A management intern will be placed with the BIA Northwest Region and two others at different ATNI PNW office locations to provide management and policy support to ATNI member Tribes by supporting the integration of climate mitigation and adaptation planning into Tribal programs and Inter-Tribal organizations

Tribe: Bear River Band of the Rohnerville Rancheria, California

Title: Bear River Band of Rohnerville Rancheria Youth Internship Proposal

Project Description Estimated Youth Benefitting: 1 Award Amount: \$50,000

The youth intern will work within the Environmental and Natural Resources Department to support the integration of Climate Change mitigation and adaptation into all tribal departments and tribal lands.

Tribe: Confederated Tribes of the Warm Springs Reservation of Oregon

Title: CTWS Climate Change Readiness Program (Category 6)

Project Description Estimated Youth Benefitting: 6 Award Amount: \$74,998

Interns will participate in monthly meetings, public outreach events and a project of their interest that fits in with Climate Change Readiness Program adaptation needs with oversight provided by individual mentors, project lead and the Climate Change Working Group. Interns will explore the many facets of natural resources management performed by the tribes and gain hands-on experience within each department during specialized adaptation planning efforts.

Tribe: Quinault Indian Nation

Title: Quinault Youth Internship: Traditional Land Management Planning and Continued Monitoring and Preservation of Native Plants

Project Description Estimated Youth Benefitting: 1 Award Amount: \$74,824

To identify areas of tree encroachment in prairie systems caused by climate change, areas impacted by management activities and landowner agreements, and areas that contain unique, but unprotected, prairie plants, while continuing projects from the last proposal and developing new skills in natural resource management, education/outreach, public speaking, networking, technical writing, and GIS

Tribe: The Quapaw Tribe of Indians

Title: Quapaw Tribe Youth Management Internships

Project Description Estimated Youth Benefitting: 1 Award Amount: \$73,055

To hire an intern to perform professional level research, planning, and management while developing a Comprehensive Agricultural Climate Control Mitigation Plan



Category 7: Research Internships

To advance research to indentify climate vulnerabilities, inform or perform data analysis, or address ocean and coastal management challenges

Category 7 Number of Awards: 2 Category 7 Total Funding: \$149,531

Tribe: Affiliated Tribes of Northwest Indians

Title: CAT 7 - Youth Research Internships: ATNI Internships & Youth Engagement Initiative

Project Description Estimated Youth Benefitting: 3 Award Amount: \$74,531

A research intern will be placed with the BIA Northwest Region and two others at different ATNI PNW office locations to provide technical and research support, and data analysis to ATNI member Tribes by advancing research to identify climate vulnerabilities, coastal challenges and to inform or perform data analysis

Tribe: Quinault Indian Nation

Title: Climate Change and Wildlife Populations on the Quinault Indian Reservation

Project Description Estimated Youth Benefitting: 1 Award Amount: \$75,000

To permit a Tribal youth to gain professional experience in wildlife and climate change research and management applications and to develop skills in study design, data collection, analytical methods, technical writing, GIS, education/outreach, public speaking, and professional networking, and to establish mentors and references that may open the door to potential career paths to build Tribal capacity



Category 8: Youth Engagement

To engage students in K-12 in STEM education, which may be integrated with Traditional Ecological Knowledge, with a significant climate adaptation, mitigation, or ocean and coastal management focus

Category 8 Number of Awards: 2 Category 8 Total Funding: \$149,911

Tribe: Confederated Salish & Kootenai Tribes of the Flathead Reservation

Title: CSKT "EAGLES" (Environmental Advocates for Global and Local Ecological Stainability)

Project Description Estimated Youth Benefitting: 250 Award Amount: \$75,000

The first year of the EAGLES involved simply exposing the students and teacher advisors, and even community members, to the fact that the Tribes have a Climate Change Strategic Plan and some of the basic issues related to climate change and traditional ecological knowledge. This year, the intention is to fully engage the EAGLES students and teachers in specific activities related to the CSKT Climate Change Strategic Plan and related climate change and environmental issues.

Tribe: Suquamish Indian Tribe of the Port Madison Reservation

Title: Building Tribal Youth Connections through Climate Change

<u>Project Description</u> Estimated Youth Benefitting: 300 Award Amount: \$74,911

To engage approximately 300 students from Tribal communities in AK, WA and the Pacific Rim in a penpal exchange to promote cultural and scientific exchange, to develop bioregional understanding of issues in ecosystem science, specifically the effects of climate change and ocean acidification on local fisheries and food sovereignty issues, and to validate and support the teaching and learning of integrated traditional indigenous learning systems with climate science



Category 9 Total Funding: \$321,432

Award Amount:

Award Amount:

Award Amount:

Award Amount:

\$43.127

\$45.484

\$50,000

Category 9: Capacity Building

For scoping purposes to permit tribe without technical and staffing capacity to hire part time support to better prepare to propose in future years

Category 9 Number of Awards: 7

Tribe: Capitan Grande Band of Diegueno Mission Indians of California: Viejas (Barona Long) Group of Capitan Grande Band of Mission Indians of the Viejas Reservation, California

Title: Viejas Climate Change Capacity Building Project

Project Description Estimated Tribes Benefitting: 1

To fund part-time staff to identify tribal climate adaptation needs through a scoping or similar review and prioritization process in order to increase the strength of proposals in future Tribal Climate Resilience notices of funding

Tribe: Cold Springs Rancheria of Mono Indians of California

Title: Cold Springs Rancheria Climate Resilience Capacity Building Program

Project Description Estimated Tribes Benefitting: 1

To identify how the Tribe will adapt to climate change through part-time staff support for a review and prioritization process to increase the strength of future funding proposals in area of climate adaptation planning to maximize cultural plant production on the Rancheria and adjacent national forest lands, to enhance habitat for native animals such as deer and bear, and to protect communities and watersheds from the devastating effects of uncontrolled wildfires

Tribe: Native Village of Shishmaref

Title: Native Village of Shishmaref Capacity Building

Project Description Estimated Tribes Benefitting: 1

To fund a part time staff to identify Shishmaref tribal climate adaptation needs through scoping and a prioritization process in order to increase the strength of proposal for a future Tribal Climate Resilience notice of funding in Climate Adaptation Planning or Ocean and Coastal Management Planning

Tribe: Pokagon Band of Potawatomi Indians, Michigan & Indiana

Title: Addressing Climate Change through Knowledge, Research, and Development

Project Description Estimated Tribes Benefitting: 1

To assist the Tribe in investigating climate change and its affects as a perplexing factor in re-establishment of some culturally significant species, to develop vulnerability assessments and climate change plans, to work with elders and departments to determine their needs and personal accounts related to climate change, and to develop educational materials and outreach for the classroom, including, but not limited to, climate change related science kits and climate change effects games



Category 9: Capacity Building

For scoping purposes to permit tribe without technical and staffing capacity to hire part time support to better prepare to propose in future years

Category 9 Number of Awards: 7 Category 9 Total Funding: \$321,432

Tribe: Sac and Fox Nation, Oklahoma

Title: Sac and Fox Nation Climate Resiliency Capacity Building Project

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$50,000

To hire tribal staff and contractor to complete a narrative of Sac and Fox Nation concerns regarding climate impacts to tribal values and / or tribal management concerns and research/develop a clear narrative approach to building preproposal capacity leading to a future climate change proposal

Tribe: Samish Indian Nation

Title: Samish Indian Nation Tribal Climate Resilience Capacity Building (Category 9)

Project Description Estimated Tribes Benefitting: 1 Award Amount: \$32,8

To identify sectors of natural, cultural, and built environments that are important to the Tribe and could potentially be affected by climate change to prepare for, and gather community support for, a Samish climate adaptation plan and to build pre-proposal capacity leading to a future climate change proposal in Categories 2 or 4 of the BIA Tribal Climate Resilience Program Climate Funding Notice in 2017

Tribe: Tangirnag Native Village (aka Woody Island)

Title: Tangimaq Native Village - Capacity Building - BIA Affairs Trust Services: Subsistence Diet Adaptation from a Changing Environment

Project Description Estimated Tribes Benefitting: 6 Award Amount: \$50,000

To identify whether risks are present to our traditional diet, either in quality or quantity of the food supply to educate our tribal members about these risks and develop a strategy to address how we plan to adapt to a changing climate