

## CLIMATE CHANGE TRAININGS

**Association of Climate Change Officers (ACCO)** offers Climate Change Officers Training Bootcamps, which are designed to meet learning objectives based upon the Core Competencies for climate Change Officers and Professionals. **For more information:** <http://www.accoonline.org/training.html>

**ITEP Tribal Climate Change Trainings:** ITEP offers training to tribal environmental professionals to build their capacity to address climate change issues. The courses are taught by instructional teams that include staff from ITEP, federal agencies, universities, and/or organizations, and most importantly, the tribes themselves, who share their expertise and experience.

**U.S. Climate Resilience Training Course website lists courses that** can help you acquire the tools, skills, and knowledge you need to manage your climate-related risks and opportunities. All courses are free of charge, and are offered in at least one of three formats: online audio-visual presentations, training webinars, and residence training courses. **For more information:** <https://toolkit.climate.gov/training-courses>

**U.S. Fish and Wildlife Service's National Conversation Training Center** hosts trainings and webinars on how to apply the Strategic Habitat Conservation (SHC) framework from local to landscape scale through biological planning, conservation design, conservation delivery, decision-based monitoring, and assumption-driven research. **For more information:** <https://training.fws.gov/courses/programs/climate-change/>

## CLIMATE CHANGE CONFERENCES

### Tribal

**First Stewards** seeks to unite indigenous voices to collaboratively advance adaptive climate change strategies to sustain and secure our cultures and strengthen America's resiliency and ability to adapt to climate change. **For more information:** <http://www.firststewards.org/>

### National

**National Adaptation Forum** gathers the adaptation community to foster knowledge exchange, innovation and mutual support for a better tomorrow. The Forum includes opportunities for professional development through formal trainings, facilitated practitioner presentations, and informal exchange of information. **For more information:** <http://www.nationaladaptationforum.org/>

## ADAPTATION PLANNING TOOLKITS

**ITEP's Tribal Climate Adaptation Planning Toolkit** is a collection of templates and other resources developed by the Institute for Tribal Environmental Professionals (ITEP) to assist tribes in their climate change adaptation planning process. The materials provided are not "one-size-fits-all" solutions. **Available at:** <http://www7.nau.edu/itep/main/tcc/Resources/adaptation>

## CLIMATE CHANGE NETWORKS

### Tribal

**Native American Fish and Wildlife Society (NAFWS)** is a national communications network for the exchange of information and management techniques related to self-determined tribal fish and wildlife management. It also provides recent climate change-related information and resources for tribes. **For more information:** <http://www.nafws.org/climate-change/ccnews>

### National

**Climate Adaptation Knowledge Exchange (CAKE)** aims to build a shared knowledge base for managing natural and built systems in the face of rapid climate change. Just as importantly, it is intended to help build an innovative community of practice. **For more information:** <http://www.cakex.org/>

**Rising Voices: Collaborative Science With indigenous Knowledge for Climate Solutions** facilitates cross-cultural approaches for adaptation solutions to extreme weather and climate events, climate variability and climate change. The program brings social and physical scientists and engineers together with Native American community members. **For more information:** <http://risingvoices.ucar.edu/>

### Regional

**Southwest Climate Change Network** is designed to foster dialog and exchange of reliable science and policy information among climate experts and other scientists, natural resource managers, utility providers, policy- and decision-makers, community groups, the public, and the media about climate-change issues in the Southwest. **For more information:** <http://www.southwestclimatechange.org/>



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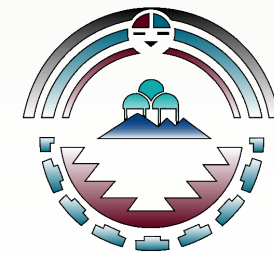
NORTHERN ARIZONA  
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*College of Engineering, Forestry & Natural Sciences*

Institute for Tribal Environmental Professionals

# Tribal Climate Change Program ~ Gila River Climate Change Adaptation Resources



*"Training, assistance, and resources for tribes on climate change issues."*



Institute for Tribal Environmental Professionals

## CLIMATE CHANGE NEWSLETTERS

### Tribal

**Bureau of Indian Affairs Climate News Listserv** circulates announcements online about funding and resource alerts. To **sign-up**, contact Sean Hart, BIA Climate Change Coordinator, [sean.hart@bia.gov](mailto:sean.hart@bia.gov)

### Institute for Tribal Environmental Professionals (ITEP)

**Tribes and Climate Change Newsletter** is an online newsletter distributed monthly with training announcements, news, funding opportunities and other updates related to climate change. To **sign-up**: <http://www7.nau.edu/itep/main/listsrv/>

### Regional

**Landscape Conservation Cooperatives (LCC)** For a list of the individual LCCs, most of which have newsletters on climate change-related issues: <https://lccnetwork.org/cooperatives>

## TRIBAL CLIMATE CHANGE ADAPTATION PLANS

**ITEP's Tribal Climate Change Adaptation Planning Toolkit** includes a spreadsheet that lists tribal climate adaptation plans. **Available at:** <http://www7.nau.edu/itep/main/tcc/Resources/adaptation>

**Pacific Northwest Tribal Climate Change Network's** website has a list of examples of tribal climate change adaptation plans, as well as other plans and planning resources that may be useful reference guides. **Available at:** <https://tribalclimateguide.uoregon.edu/adaptation-plans>

## FUNDING

**BIA's Tribal Climate Resilience Program Website** lists funding announcements and requests for proposals. **For more information:** <http://www.indianaffairs.gov/WhoWeAre/BIA/climatechange/index.htm>

**ITEP Climate Change Resources** provides a list of funding opportunities that may assist tribes in addressing climate change through a broad range of sectors. **For more information:** <http://www7.nau.edu/itep/main/tcc/Resources/funding>

**Pacific Northwest Tribal Climate Change Project's Tribal Climate Change Funding Guide.** **Available at:** <http://tribalclimateguide.uoregon.edu/>

## DATA and RELATED RESOURCES

### Tribal

**Guidelines for Considering Traditional Knowledges (TKs) in Climate Change Initiatives** publication is intended to be an informational resource for tribes, agencies, and organizations across the United States interested in understanding TKs in the context of climate change. **Available at:** <https://climatetkw.wordpress.com/guidelines/>

### National

**Climate Data.US, NASA** datasets were produced by NASA in support of the National Climate Assessment. The full NASA dataset includes high-resolution climate projections for the U.S. that combine output from 33 global climate models with historical climate observations from 1950-2005 to produce a suite of climate scenarios for the U.S. at a spatial resolution of 0.25 square miles. **For more information:** <http://climatedata.us/>

**Data.gov:** Here you can find data related to climate change that can help inform and prepare America's communities, businesses, and citizens. You can currently find data and resources related to coastal flooding, food resilience, water, ecosystem vulnerability, human health, energy infrastructure, transportation, and the Arctic region. **For more information:** <https://www.data.gov/climate/>

## CLIMATE CHANGE REPORTS

### International

**Intergovernmental Panel on Climate Change (IPCC)** is a scientific body under the sponsorship of the United Nations. It reviews and assesses the most recent scientific, technical and socio-economic information produced worldwide relevant to the understanding of climate change. **For more information:** <http://ipcc.ch/>

### National and Tribal

**U.S. National Climate Assessment (NCA)** informs the Nation about observed changes in and the current status of the climate, and anticipated trends for the future. It also summarizes the impacts of climate change on the U.S. now and in the future.. **2014 NCA available at:** <http://nca2014.globalchange.gov/> The NCA also includes the *Indigenous Peoples, Land and Resources Chapter*, **available at:** <http://nca2014.globalchange.gov/report/sectors/indigenous-peoples>

### Regional

**Assessment of Climate Change in the Southwest United States** is a summary and synthesis of the past, present, and projected future of the region's climate. It was developed to accompany the 2014 U.S. NCA. **Available at:** <http://swccar.org/sites/all/themes/files/SW-NCA-color-FINALweb.pdf>

## CLIMATE CHANGE WORKING GROUPS

### Tribal

**Climate and Traditional Knowledges Workgroup (CTKW)** is a group of indigenous persons, staff of indigenous governments and organizations, and experts with experience working with issues concerning traditional knowledges. **For more information:** <https://climatetkw.wordpress.com/about/>

### Indigenous Peoples' Climate Change Working Group (IPCCWG)

The group's overarching goals are to prepare future generations of American Indians and Alaska Natives as earth science professionals, educators, scientists, engineers and technologists, and to ensure that Indigenous tribal knowledges of landscapes and climates are valued, used and incorporated into earth science education and research. **For more information,** contact Dan Wildcat, [dwildcat@haskell.edu](mailto:dwildcat@haskell.edu)

## FEDERAL GOVERNMENT CLIMATE PROGRAMS

**BIA's Tribal Climate Resilience Program** supports federally-recognized Tribes in addressing climate change challenges. The program provides resources and information on climate change and funding opportunities. **For more information:** <http://www.indianaffairs.gov/WhoWeAre/RegionalOffices/Southwest/index.htm>

**Climate Assessment for the Southwest (CLIMAS)** is housed at the University of Arizona's Institute of the Environment and is part of the National Oceanic and Atmospheric Administration (NOAA) Regional and Integrated Sciences and Assessments Program (RISA). The CLIMAS program brings together researchers who study the processes and effects of climate on the Southwest with individuals and organizations that need climate information to make informed decisions. **For more information:** <http://www.climas.arizona.edu/>

**Desert Landscape Conservation Cooperative (LCC)**, developed by the Bureau of Reclamation and the U.S. Fish and Wildlife Service, seeks to provide scientific and technical support, coordination, and communication to resource managers and the broader **For more information:** <https://desertlcc.org/>

**DOI's Southwest Climate Science Center** provides scientific information, tools, and techniques that land, water, wildlife, and cultural resource managers and other interested parties can apply to anticipate, monitor, and adapt to climate change impacts in the southwestern U.S. **For more information:** <https://www.doi.gov/csc/southwest>

**USDA's Southwest Climate Hub** assists farmers, ranchers and forest landowners in coping with the impacts of climate variability. These impacts include extreme drought, wildfire, tree mortality, **For more information:** <http://climatehubs.oce.usda.gov/southwest>