



NORTHERN ARIZONA
UNIVERSITY



Institute for Tribal Environmental Professionals

Tribal Climate Change Newsletter

February 2015

Welcome to ITEP's Tribal Climate Change Newsletter. This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

ITEP's Climate Change Program News



Coastline in northwest Washington. Photo credit: S. Wotkyns

The Institute for Tribal Environmental Professionals (ITEP) announced a **video**, “**Adapting to Change**”, that it produced with assistance from Jeremy Scott, a graduate student in Northern Arizona University's School of Communication. The filming occurred at ITEP's Climate Change Adaptation training in September 2014 in Portland, OR, and highlights climate change impacts on tribes and their resources in the Pacific Northwest and Alaska, adaptation, and the training. The video and the training were made possible with funding support from the USDA Forest Service Pacific Northwest Research Station. It is available on Vimeo <http://vimeo.com/118150835> and YouTube <https://www.youtube.com/watch?v=LxocTr2jbj4>

Registration is open for the **Climate Change Adaptation Planning course** scheduled for April 28-30 in Pocatello, ID – registrations received by March 9 will have priority consideration. We're planning an additional course for June 16-18 in Bishop, CA (registration opens in mid-March). Since the courses will focus on climate change impacts and adaptation strategies in the Great Basin, we especially encourage tribal environmental and natural resource professionals from the region to attend. We are offering the courses in collaboration with the Great Basin Landscape Conservation Cooperative and with funding support from the Bureau of Land Management. http://www4.nau.edu/itep/climatechange/tcc_trainings.asp

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Newsletter

Did someone forward this newsletter to you? Send an email to susan.wotkyns@nau.edu to subscribe or unsubscribe to the newsletter. Archived issues can be found at: www4.nau.edu/itep/climatechange/tcc_newsletters.asp

Tribes & Climate Change website

For more on tribes and climate change issues, visit ITEP's Tribes & Climate Change website at www4.nau.edu/tribalclimatechange

Registration is open for the **National Tribal Forum on Air Quality (NTF)**, May 19-21 in Battle Creek, MI (http://www4.nau.edu/itep/conferences/confr_ntf.asp). NTF is being hosted by the Nottawaseppi Huron Band of Potawatomi and co-sponsored by the Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Air Association (NTAA). The purpose of the NTF is to provide environmental professionals from tribes, EPA, and other organizations an opportunity to meet and discuss current policies, regulatory initiatives, funding, and technical topics in air quality. It will also include climate change sessions. There will be a Keynote Address by Winona LaDuke, acclaimed Native American author, orator, and activist. Presentation proposals are being accepted through March 19; please contact me at Susan.Wotkyns@nau.edu if you'd like to discuss ideas for the climate change sessions.

The **2nd National Adaptation Forum**, scheduled for May 12-14, in St. Louis, MO, is a biennial gathering created by a group of professionals from the private and public sectors concerned about the need to respond to and prepare for the effects of climate change. THE NAF will include tribally focused symposia and a tribal work group. The deadline for **early Bird Registration and travel support requests** is **2/28/15**. <http://www.nationaladaptationforum.org/>

— Sue Wotkyns

In The News

Indian Water Is Life and the Droughts Threatening It

Decades ago Native American tribal elders forewarned of a day when people would be fighting over water. Droughts, contamination and over-consumption are making the elders' prophecies come true. Perhaps sooner than predicted. But the biggest reason for an oncoming "megadrought" in the western U.S., according to scientists from NASA, Cornell and Columbia Universities, is climate change. © 2015 Indian Country Today Media Network, LLC, 2/24/15.

<http://indiancountrytodaymedianetwork.com/2015/02/24/indian-water-life-and-droughts-threatening-it-159348>

8 Reasons for Climate Optimism, From Teen Rapper and Activist Xiuhtezcatl Martinez

Young Xiuhtezcatl Martinez, rapper and climate change activist, is part of the generation that will inherit what is being wrought on Mother Earth right now. With scientists warning of various tipping points, cautioning about the continued extraction and use of fossil fuels, and raising the alarm about melting ice and rising seas, the outlook would seem to be dire. Yet Xiuhtezcatl, 14, sees at least eight reasons to be optimistic about the human race's ability to persevere. © 2015 Indian Country Today Media Network, LLC, 2/24/15.

<http://indiancountrytodaymedianetwork.com/2015/02/24/8-reasons-climate-optimism-teen-rapper-and-activist-xiuhtezcatl-martinez-159351?page=0%2C0>

Wisdom of the Elders in Alaska Talk Climate Change, Culture, Resilience

Wisdom of the Elders, a Portland-based nonprofit organization, produced two films and a radio series that offer listeners and viewers a wealth of stories, songs and fascinating details of traditional lifeways in programs framed by culture, traditional knowledge, and climate science. © 2015 Indian Country Today Media Network, LLC, 2/22/15.

<http://indiancountrytodaymedianetwork.com/2015/02/22/wisdom-elders-alaska-talk-climate-change-culture-resilience-159326>

Interior secretary vows to work on solutions for climate-threatened village

In a whirlwind visit to Northwest Alaska on an unseasonably warm day, U.S. Interior Secretary Sally Jewell on Monday told residents of this climate-threatened village [Kivalina] that she would work with them on their relocation efforts. Jewell is in the Arctic region at the invitation of the Alaska Federation of Natives. The state's most powerful Native organization had organized a retreat in the hub city of Kotzebue for its 37-member board and wanted Jewell to address climate change and other issues affecting Alaska Natives in the Far North. © 2015 Alaska Dispatch Publishing, 2/16/15.

<http://www.adn.com/article/20150216/interior-secretary-vows-work-solutions-climate-threatened-village>

Student Turns Energy Into Money for Jemez Pueblo

When Jemez Pueblo leaders in northwestern New Mexico wanted to weigh the benefits of building a renewable energy project, they joined a national program that pairs tribes with Native American college student researchers. © 2015 Indian Country Today Media Network, LLC, 2/5/15.

<http://indiancountrytodaymedianetwork.com/2015/02/05/student-turns-energy-money-jemez-pueblo-158994>

Louisiana Tribes Battle Rising Gulf Waters

Much has been made of small Alaska Native villages falling prey to erosion and sea level rise way up near the Arctic. But similar problems are being faced in the Lower 48 as well, specifically coastal tribes in Louisiana whose members are seeing their small island being slowly devoured by the Gulf of Mexico. © 2015 Indian Country Today Media Network, LLC, 1/30/15.
<http://indiancountrytodaymedianetwork.com/2015/01/30/louisiana-tribes-battle-rising-gulf-waters-158965>

FEMA Disaster Declaration for Rain-Soaked Soboba Band of Luiseño Indians

The downpours that lashed drought-stricken Southern California late last year wreaked havoc on the Soboba Band of Luiseño Indians, and on January 27 President Barack Obama declared a major disaster for the California reservation, which was ravaged by severe storms, flooding and mudslides from December 4 through 6. © 2015 Indian Country Today Media Network, LLC, 1/28/15.
<http://indiancountrytodaymedianetwork.com/2015/01/28/fema-disaster-declaration-rain-soaked-soboba-band-luiseno-indians-158924>

Kivalina man safe after close call on ice

One of several incidents this winter of snowmachines and ATVs falling through the ice. Copyright 2015, The Arctic Sounder, 1/23/15.
http://www.thearcticsounder.com/article/1504kivalina_man_safe_after_close_call_on_ice

Resources

Climate at a Glance (NOAA)

Climate at a Glance was developed at the request of NOAA Headquarters for near real-time analysis of monthly temperature and precipitation data across the contiguous U.S. and intended for the study of climate variability and change
<http://www.ncdc.noaa.gov/cag/>

Climate Change Adaptation Case Studies (FHWA)

The Federal Highway Administration (FHWA) has released a set of resources through a new case studies series.
http://www.fhwa.dot.gov/environment/climate_change/adaptation/case_studies/

Colorado Climate Change Vulnerability Study (2015) (Univ of Colorado Boulder and Colorado State Univ.)

Western Water Assessment, in collaboration with Colorado State University, conducted a broad study of climate vulnerability for the state of Colorado. Drawing from existing data and peer-reviewed research, the study summarizes the key challenges facing seven sectors: ecosystems, water, agriculture, energy, transportation, outdoor recreation and tourism, and public health. It also details current adaptive capacity and potential strategies in those sectors to meet future climate challenges. January 2015.
<http://www.colorado.edu/climate/co2015vulnerability/index.html>

Connecting on Climate: A Guide to Effective Climate Change Communication (Columbia University and ecoAmerica)

The guide, which includes research from a range of social science fields including psychology, anthropology, communications, and behavioral economics, is designed to be useful for experienced and novice communicators alike. Included in the guide are strategies to boost engagement, common mistakes to avoid, and best practices that organizations have used to meaningfully engage individuals and groups on climate change. December 2014.
<http://www.connectingonclimate.org/>

The Great American Roadtrip: Lessons learned about how hometowns across the United States are building their resilience to climate change (Georgetown Climate Center)

After visiting more than 30 communities preparing for climate change across the United States, the Georgetown Climate Center released a report identifying six big lessons from ongoing adaptation work across the country.
<http://www.georgetownclimate.org/sites/www.georgetownclimate.org/files/GCC-Great%20American%20Adaptation%20Road%20Trip-Jan%202015.pdf>

National Sea Grant Resilience Toolkit (NOAA)

The National Resilience Toolkit is a combination of tools and resources developed over the past several years by the Sea Grant Network to assist local communities in becoming more resilient to climate change.
<http://seagrants.noaa.gov/WhatWeDo/ResilienceToolkit.aspx>

Storm Water Management Model (US EPA)

EPA's Storm Water Management Model (SWMM) is used throughout the world for planning, analysis, and design related to stormwater runoff, combined and sanitary sewers, and other drainage systems in urban areas. There are many applications for drainage systems in non-urban areas as well. A recent add-on for SWMM, the Climate Adjustment Tool, enables users to add climate projections based on the Intergovernmental Panel on Climate Change's climate change scenarios to existing simulations.

<http://toolkit.climate.gov/tool/storm-water-management-model>

Other Items of Interest

Interior Department to Announce \$8 Million for tribal Climate Change Adaptation and Planning Projects

As part of the Obama Administration's effort to prepare communities nationwide for the impacts of a changing climate, U.S. Secretary of the Interior Sally Jewell announced that the Interior Department will make available \$8 million to fund projects that promote tribal climate change adaptation and ocean and coastal management planning through its Tribal Climate Resilience Program. Of the \$8 million, \$4 million will be available for Climate Adaptation Planning and another \$4 Million for Ocean/Coastal Management Planning. A Request for Proposal (RFP) will be available soon. DOI News Release, 2/17/15.

<http://www.bia.gov/cs/groups/public/documents/text/idc1-029389.pdf>

Climate Solutions University accepting applications

Do you know communities that are ready to develop or update a climate adaptation plan with forest and water components, or who could benefit from connecting to a network of communities implementing their plans? Climate Solutions University is now accepting applications for its 2016 program. Contact jeff@mfp.org for more information.

<http://www.mfpp.org/csu/>

Funding Opportunities

NOTE: More Funding Opportunities can be found at the **Tribes & Climate Change website:**

http://www4.nau.edu/tribalclimatechange/resources/res_funding.asp. Also, see the **Tribal Climate Change Funding and Program Guide** developed by the Pacific Northwest Tribal Climate Change Project at the Univ. of Oregon:

<http://envs.uoregon.edu/tribal-climate/>

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program for Fiscal Year (BOR)

The objective of this Funding Opportunity Announcement (FOA) is to invite applicants to submit proposals to develop new water reuse feasibility studies. Applicants must provide 50 percent non-Federal cost share for the proposed activity.

Eligibility includes Indian tribes or tribal organizations. Funding opportunity #: R15AS00015. Deadline: 3/3/15.

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=271392>

NOAA Great Lakes Habitat Restoration Project Grants under the U.S. Great Lakes Restoration Initiative in Areas of Concern (NOAA)

Through this solicitation, NOAA seeks to openly compete funding available for habitat restoration in U.S. Great Lakes Areas of Concern (<http://www.epa.gov/glnpo/aoc/>) under the Great Lakes Restoration Initiative. Eligibility includes Indian tribal governments. Funding opportunity # NOAA-NMFS-HCPO-2015-2004351. Deadline: 3/3/15.

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=270988>

FY15 Funding Guidance for Great Northern LCC (USFWS)

The US Fish and Wildlife Service Mountain-Prairie Region (FWS R6) is requesting project proposals in support of the Great Northern LCC. Projects must fit into one or more of the following categories: Categories: 1) Tribal capacity; 2) Partner Forum planning and capacity; 3) Applying GNLCC science to management outcomes; 4) Strategic Science Pre-proposals. Eligibility includes Native American tribal governments (Federally recognized) and Native American tribal organizations (other than Federally recognized tribal governments). Funding Opportunity # F15AS00070. Deadline: 3/13/15.

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=271355>

Tribal Cooperative Landscape Conservation Program (BIA)

The Tribal Cooperative Landscape Conservation Program will award up to \$8 million in order to support Federally Recognized Tribes and tribal organizations whose proposals are supported by a tribal resolution. Of the \$8 million, \$4 million will be available for Climate Adaptation Planning and another \$4 million for Ocean and Coastal Management Planning. Awards will be made to projects that address climate change impacts through vulnerability analysis, adaptation planning, and increased monitoring cycles for climate adaptation management, as well as to projects that ensure ocean and coastal (including the Great Lakes) resource health, resiliency, community safety, and economic security for present and future generations. Eligibility: Any federally recognized tribe (or tribal organization whose application is supported by a tribal resolution). Deadline: 4/24/15.

<http://www.indianaffairs.gov/WhoWeAre/BIA/OTS/NaturalResources/climatechange/index.htm>

Rural Energy for America Program (REAP) (USDA)

USDA's Rural Business Cooperative-Service Agency, under the Rural Energy for America Program, is accepting applications for Renewable Energy Systems and Energy Efficiency Improvement grants of \$20,000 or less to establish programs to assist agricultural producers and rural small businesses with evaluating the potential to incorporate renewable energy technologies into their operations. Eligibility includes tribal governments and instrumentalities tribal governments. Deadline: 4/30/15.

<http://www.gpo.gov/fdsys/pkg/FR-2014-12-29/pdf/2014-30184.pdf>

Upcoming Events

NOTE: More Upcoming Events can be found at the Tribes & Climate Change website:

www4.nau.edu/tribalclimatechange/events.asp

March 2015

- **Training: Climate-Smart Conservation with Scenario Planning**

March 9-13, Honolulu, HI. Offered by National Conservation Training Center. This class is based on two guides: Climate-Smart Conservation: Putting Adaptation Principles into Practice and Considering Multiple Futures and Scenario Planning to Address Uncertainty in Natural Resource Conservation.

<http://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-ALC3187>

- **Webinar: Rangeland Climate Vulnerability Assessment for Threatened Bull Trout**

March 10, 3:00 pm Eastern. National Climate Change and Wildlife Science Center webinar. Speaker: Jason Dunham, USGS Forest and Rangeland Ecosystem Science Center. Bull trout is the most cold-adapted fish in freshwaters of the Pacific Northwest. The species is listed as threatened under the U.S. Endangered Species Act, but climate change may place the species at further risk. Climate change may lead to a warming of streams in the summer and an increasing probability of floods in the winter. These changes are projected to lead to widespread loss of habitat for bull trout. This project, supported by the Northwest Climate Science Center, seeks to further elaborate how these climate-related threats influence bull trout across five western states (OR, WA, ID, MT, NV) that form the southern margin of the species' range.

<https://nccwsc.usgs.gov/webinar/442>

- **Webinar: Icefield-to-Ocean Linkages Across the Northern Pacific Coastal Temperate Rainforest Ecosystem**

March 10, 10-11am AKDT. Alaska Center for Climate Assessment & Policy Webinar. Speaker: Eran Hood (University of Alaska Southeast) and Shad O'Neel (USGS Alaska Science Center). Rates of glacier mass loss in the northern Pacific coastal temperate rainforest (PCTR) are among the highest on Earth, and changes in glacier volume and extent will impact the flow regime and chemistry of coastal rivers, as well as the nearshore marine ecosystem of the Gulf of Alaska. In this talk we will summarize the physical, chemical and biological linkages that characterize the northern PCTR ecosystem, with particular emphasis on the potential impacts of glacier change in the coastal mountain ranges on the surface-water hydrology, biogeochemistry, coastal oceanography and aquatic ecology.

https://accap.uaf.edu/ice_field_to_ocean_glaciers?utm_source=ACCAP&utm_campaign=ceacb24ed8-icefield-to-ocean+linkages&utm_medium=email&utm_term=0_7a2dda40c5-ceacb24ed8-37333265

- **Webinar; Tip of the Spear: The Horizon for Drought Data, Modelling, and Mapping Technology**

March 11, 11:00 am MDT. Western Governors' Drought Forum Webinar. Scientists can measure drought development and impacts in dozens of ways, from trekking into the mountains to measure snow depth to tracking groundwater consumption by "weighing" the gravitational pull of landmass with sophisticated satellites. This webinar will explore how scientists use this data to understand drought and to help policymakers anticipate dry conditions. Additionally, speakers will share the ways they integrate data into modelling and GIS mapping of drought conditions.

<https://westerngovernors.webex.com/mw0401sp12/mywebex/default.do?siteurl=westerngovernors>

- **Indigenous Peoples' Climate Change Working Group 2015 Spring Meeting**

March 14-15, Albuquerque, NM. For more information, contact: Kiksapa Consulting, LLC, kbennett@kiksapa.com, 701-663-9701

- **Conference: 2015 Geoscience Alliance National Meeting Conference**

March 21-23, Portland, OR. Theme: "GA3: A Changing Climate's Effects on Rivers, Estuaries, Oceans, First Foods, and Tribal Health". The Geoscience Alliance is a national alliance of individuals committed to broadening participation of Native Americans in the geosciences. Its members are tribal colleges, universities, and research centers; native elders and community members; students (K12, undergraduate and graduate); formal and informal educators; and other interested individuals. Travel scholarships are available.

<https://geosciencealliance.wordpress.com/2015-geoscience-alliance-conference/>

- **Conference: 4th California Climate and Agriculture Summit**

March 24-25, Davis, CA. Organized and hosted by California Climate and Agriculture Network. The Summit explores the science, policy and practice of climate change and sustainable agriculture in California. Participants include farmers and ranchers, agency staff, technical service providers, policymakers and advocates concerned with climate change challenges and opportunities for California agriculture.

<http://calclimateag.org/2015-calcan-summit/>

- **Webinar: Managing Forest Health for Water Resources**

March 25, 11:00 am MDT. Western Governors' Drought Forum Webinar. A recent study found that runoff in a thinned forest was 20 percent higher than the volume of water in over-grown forests. In addition to enhanced water yield, forest thinning reduces the risk of catastrophic wildfires that can be detrimental to water resource security in the west. Many cities are beginning to realize the importance of proactive watershed management to safeguard water resources. In this webinar, WGA will explore the latest science on forest management for water resource needs, and will also hear how states and communities are using best practices in forests in order to add security to their water portfolios.

<https://westerngovernors.webex.com/mw0401sp12/mywebex/default.do?siteurl=westerngovernors>

April 2015

- **Training (online): Water in the Western United States**

April 1-30. 4-6 hours/week of work. Offered by University of Colorado Boulder through Coursera. This course combines an overview of the science behind water and climate in the Western United States with a survey of the major legal, political, and cultural issues focused on this precious resource. <https://www.coursera.org/course/waterwestus>

- **Conference: American Planning Association 2015 National Planning Conference**

April 18-21, Seattle, WA. Will include a Planning and Climate Change Symposium.

<https://conference.planning.org/conference/>

- **Online Training: Turn Down the Heat: Why a 4°C Warmer World Must be Avoided**

April 20—May 21, 3-5 hours of work/week for 4 weeks. A Massive Open Online Course (MOOC) offered by World Bank Group through Coursera. It is now clear that without action on climate change, the world may become 4°C warmer by the end of this century. Such an increase would threaten to roll back decades of development progress; thus, we are at a 'make it or break it' point in time. This course presents the most recent scientific evidence, as well as some of the opportunities for urgent action.

<https://www.coursera.org/course/warmerworld>

- **ITEP Training: Climate Change Adaptation Planning**

April 28-30, Pocatello, ID. The course provides an introduction to planning for climate change impacts, highlighting the work of several tribes. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Since the course will focus on climate change impacts in the Great Basin, we especially encourage people from that region to attend.

http://www4.nau.edu/itep/climatechange/tcc_trainings.asp

May 2015

- **Symposium: ASABE 1st Climate Change Symposium - Adaptation and Mitigation**

May 3-5, Chicago, IL. Sponsored by American Society of Agricultural and Biological Engineers. The purpose of this conference is to bring researchers, practitioners and policy makers to a world-wide platform to share research and discuss creative solutions related to global climate change impacts. The conference will emphasize the importance of global climate change impacts on agriculture while covering a range of topics related to climate change impacts on land and water resources.

<http://www.asabe.org/meetings-events/2015/05/asabe-1st-climate-change-symposium-adaptation-and-mitigation.aspx>

- **Conference: 2nd National Adaptation Forum**

May 12-14, St. Louis, MO The Forum is a biennial gathering created by a group of professionals from the private and public sectors concerned about the need to respond to and prepare for the effects of climate change. The event represents a collective effort to enhance the resilience of the Nation's communities, resources and economy in the face of a changing climate. **Early Bird Registration ends 2/28/15. You can apply for travel support – applications are due 2/28/15.**

<http://nationaladaptationforum.org/>

- **Conference: 2015 Ceres Conference**

May 13-14, San Francisco, CA. Each year the Ceres Conference brings together more than 600 corporate sustainability leaders, the country's largest institutional investors, and leading social and environmental advocates to mobilize action on the world's most significant sustainability challenges.

<http://www.ceres.org/conferences>

- **Conference: National Tribal Forum on Air Quality**

May 19-21, Battle Creek, MI. The Institute for Tribal Environmental Professionals (ITEP), the National Tribal Air Association (NTAA), and the Nottawaseppi Huron Band of the Potawatomi invite you to attend the 16th Annual National Tribal Forum on Air Quality (NTF). All tribal environmental professionals, US EPA representatives, and members of national or local organizations with interests in air quality and climate change issues in Indian Country are encouraged to attend. This conference is designed to allow attendees a venue to share with and learn from one another.

http://www4.nau.edu/itep/conferences/confr_ntf.asp

- **Training: Adaptation Planning Workshop for Southern California Habitats**

May 20-21, San Bernardino, CA. The goal of this two-day workshop is to develop climate-smart adaptation strategies and actions to conserve priority Southern California habitats, with a specific focus on four National Forests (Angeles, San Bernardino, Cleveland, Los Padres). The workshop will include a review of habitat vulnerability assessment results, an overview of adaptation planning, and multiple activities designed to identify adaptation strategies and actions for habitats as well as opportunities for implementation.

[https://files.ctctcdn.com/d332aa07201/24229c28-5760-406e-9728-](https://files.ctctcdn.com/d332aa07201/24229c28-5760-406e-9728-ebc8ce1013a5.pdf?utm_source=February+23+Newsletter&utm_campaign=Constant+Contact&utm_medium=email)

[ebc8ce1013a5.pdf?utm_source=February+23+Newsletter&utm_campaign=Constant+Contact&utm_medium=email](https://files.ctctcdn.com/d332aa07201/24229c28-5760-406e-9728-ebc8ce1013a5.pdf?utm_source=February+23+Newsletter&utm_campaign=Constant+Contact&utm_medium=email)

- **Conference: 2015 Native American Fish and Wildlife Society National Conference**

May 20-22, Juneau, AK

<http://www.nafws.org/events/national-conference>

- **Conference: 2015 NC CSC Open Science Conference**

May 20-22, Fort Collins, CO. This conference will bring together the regional climate research community and local stakeholders to foster productive engagement with the NC CSC. Together, we will identify the most important climate-related topics for resource managers and adjust the NC CSC's agenda to encourage demand-driven and actionable research.

<http://www.revampclimate.colostate.edu/conference/>

June 2015

- **Conference: Thirty-Ninth Annual National Indian Timber Symposium**

June 8-11, North Bend, OR. Hosted by the Coquille Indian Tribe.

http://www.itcnet.org/get_involved/annual_symposium.html

- **Conference: UA Water Resources Research Center Annual Conference**

June 9-10, Chandler, AZ. Theme: Indigenous perspectives on Sustainable Water Practices. The University of Arizona's Water Resources Research Center (WRRRC), in partnership with the Gila River Indian Community, is hosting the conference to increase awareness of water sustainability efforts on tribal lands and to provide perspectives in the discussion of water management options to meet growing supply gaps in Arizona.

<https://wrrc.arizona.edu/conf-2015>

- **Conference: 2015 AWRA Summer Specialty Conference: Climate Change Adaptation**

June 15-17, New Orleans, LA. This American Water Resources Association specialty conference is about action - how we respond, build resilient systems, and influence decision makers.

http://www.awra.org/meetings/NewOrleans2015/index.html?utm_source=January+26+newsletter&utm_campaign=Constant+Contact&utm_medium=email

- **ITEP Training: Climate Change Adaptation Planning**

June 16-18, Bishop, CA. The course provides an introduction to planning for climate change impacts, highlighting the work of several tribes. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Since the course will focus on climate change impacts in the Great Basin, we especially encourage people from that region to attend.

http://www4.nau.edu/itep/climatechange/tcc_trainings.asp

- **Workshop: Rising Voices 3**

June 29-July 1, Boulder, CO. Rising Voices 3 workshop will have the theme of Learning and Doing: Education and Adaptation through Diverse Ways of Knowing and be held at the National Center for Atmospheric Research (NCAR). The workshop will occur in collaboration with the Engineering for Climate Extremes Partnership, which aims to improve methods of incorporating resilience and cultural values explicitly in future planning programs.

<http://www2.mmm.ucar.edu/projects/RisingVoices/>

