



NORTHERN ARIZONA
UNIVERSITY



Institute for Tribal Environmental Professionals

Tribal Climate Change Newsletter

January 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



Low water levels at Lake Mead in the southwestern US, January 2015. Credit: S. Wotkyns

ITEP held the first webinar in the 4-part **Pacific Northwest Tribal Climate Change Webinar Series** on January 15. Upcoming webinars include: **Tribal Landscape Conservation Case Studies, January 30**; Columbia River Inter-Tribal Fish Commission (CRITFC) Climate Impacts and Adaptation Projects, February 23; and Climate Change Funding and Technical Resources for Tribes, February 25. More information about the webinar series and registration links, and archived webinars, are available at: www4.nau.edu/itep/climatechange/tcc_webinars.asp

We've started planning two **Climate Change Adaptation Planning trainings** that will be offered in collaboration with the Great Basin Landscape Conservation Cooperative. The first is scheduled for April 28-30 in Pocatello, ID, and the second will be in June or July in Bishop, CA. 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 that region to attend. Registration forms for the April training will be available soon at: 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

The **National Tribal Forum on Air Quality (NTF)** is scheduled for May 19-21 in Battle Creek, MI. 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. If you'd like to discuss ideas for the climate change sessions, please contact me at Susan.Wotkyns@nau.edu. **Submission deadline for presentation proposals in 3/6/15.** http://www4.nau.edu/itep/conferences/confr_ntf.asp

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. Tribally focused symposia will be part of the conference. **Early Bird Registration ends 2/28/15. You can apply for travel support – applications are due 2/28/15.** <http://nationaladaptationforum.org/>

— Sue Wotkyns

In The News

Native Communities Feel The Heat Of Climate Change In The Southwest

Hopi officials' moves to impound Navajo-owned sheep goes beyond a mere tribal dispute over grazing land to reveal how acutely climate change is impacting Native traditions and ways of life in the American Southwest. © 2015 Copyright Mint Press, LLC, 1/26/15.

<http://www.mintpressnews.com/native-communities-feel-heat-climate-change-southwest/201550/>

These Native American Tribes Are Fighting To Stop Their Land From Literally Disappearing

© 2005-2015 Center for American Progress Action Fund, 1/22/15.

<http://thinkprogress.org/climate/2015/01/22/3613714/disappearing-wetlands-native-american-tribes/>

King Tide Shows What Climate Change Has In Store

This weekend the tide will rise three feet above normal, soaking the shore, spoiling freshwater aquifers, and giving us all a glimpse of the future. © Sound Publishing, Inc., 1/20/15.

<http://www.seattleweekly.com/home/956392-129/king-tide-shows-what-climate-change>

Carbon offset scheme gives the Yurok tribe a new way to make money while improving wildlife habitat

The tribe's forestry programme is one of more than two dozen operations across California that have generated offsets for the state's growing carbon market. © 1995-2015 Star Publications, 1/12/15.

<http://www.thestar.com.my/Lifestyle/Features/2015/01/12/Carbon-offset-scheme-gives-the-Yurok-tribe-a-new-way-to-make-money-while-improving-wildlife-habitat/>

Why There Are No Climate Change Deniers on Indian Reservations

While Native Nations are far from being monolithic, there is one thing that forced assimilation cannot take from us, as Natives; our coevolved connection to nature. © 2015 Indian Country Today Media Network, LLC, 1/10/15.

<http://indiancountrytodaymedianetwork.com/2015/01/10/why-there-are-no-climate-change-deniers-indian-reservations>

Deluge Causes Flooding, Mudslides, State of Emergency on Quinault Reservation

Beset by two straight days of heavy rain that caused flooding, landslides, culvert failures and washouts, and a potentially compromised sewage treatment plant, the Quinault Indian Nation on January 5 declared a state of emergency. © 2015 Indian Country Today Media Network, LLC, 1/7/15.

<http://indiancountrytodaymedianetwork.com/2015/01/07/deluge-causes-flooding-mudslides-state-emergency-quinault-reservation-158569>

As Louisiana's marshes erode, so does the Houma Indians way of life

Indigenous people of Louisiana lack oil spill compensation, environmental protection. © 2015 Al Jazeera America, LLC, 1/5/15.

<http://america.aljazeera.com/articles/2015/1/5/louisiana-wetlandsenvironmentclimatechange.html>

Coal in Their Christmas Stocking: NV Power Commission Rejects Moapa Paiute Solar Project

The Moapa Paiute Tribe in Nevada got a monkey wrench for Christmas this year, when the state power commission stymied plans for its second solar project. But the small tribe is undaunted and says it will regroup after the first of the year. © 2014 Indian Country Today Media Network, LLC, 12/25/14.

<http://indiancountrytodaymedianetwork.com/2014/12/25/coal-their-christmas-stocking-nv-power-commission-rejects-moapa-paiute-solar-project>

Student Spotlight: Working on Energy Sustainability, and Empowering Tribes

For Brittany Anstead, a career in sustainability began with a series of pointed questions. Long before she began plotting out her career path, Anstead, a member of North Carolina's Haliwa Saponi Tribe, wanted to know how the actions of individuals affected the environment. Now a 23-year-old graduate student in natural resources and the environment at the University of Michigan at Ann Arbor, Anstead is working with the Little Traverse Bay Bands of Odawa Indians on a project that promises to improve the tribe's energy sustainability. © 2014 Indian Country Today Media Network, LLC, 12/23/14.

<http://indiancountrytodaymedianetwork.com/2014/12/23/student-spotlight-working-energy-sustainability-and-empowering-tribes-158241>

Resources

Coastal Adaptation Toolkit (EPA)

EPA's Coastal Adaptation Toolkit has been reorganized and refreshed. The aim is to have the top resources (not a comprehensive list) for people working on climate change adaptation in watersheds and coastal places.

<http://www2.epa.gov/cre/coastal-adaptation-toolkit>

Indigenous Climate Change Adaptation Planning Using a Values-Focused Approach: A Case Study with the Gitga'at Nation

This paper provides a participatory, values-based process for climate change adaptation planning. The approach is contextualized through a case study of the Gitga'at Nation, located in northern coastal British Columbia, Canada, where key values were found to be culturally important food sources, culture, environmental resources, self-sufficiency, health, infrastructure to enable us to live well, and Gitga'at pride and cooperation. These values were used throughout the planning process to contextualize climate change impacts on Gitga'at members' way of life and to develop and evaluate adaptation actions. *Journal of Ethnobiology* 34(3):401-424. 2014.

<http://www.bioone.org/doi/full/10.2993/0278-0771-34.3.401>

NOAA Fact Sheets

2-page fact sheets on climate topics and National Weather Service Climate Products and Services.

<http://www.nws.noaa.gov/om/csd/index.php?section=outreach>

Rising Voices 2 report

Workshop reports from the Rising Voices 2 workshop held in Boulder, CO on June 30 - July 1, 2014, are now available. The workshop focused on the co-production of knowledge for adaptation solutions to climate change and variability, and changing relationship with traditional plants and animal relatives, water quality and quantity, declining sea ice, health and livelihood hazards, and forced relocation. Rising Voices 3 is scheduled for June 29-July 1 in Boulder, CO.

http://www2.mmm.ucar.edu/projects/RisingVoices/rising_voices2.php

Traditional Ecological Knowledge (TEK) Resources

This is a set of resources that were compiled for a California Landscape Conservation Cooperative training workshop on traditional ecological knowledge held in Sacramento, CA in September 2014.

<http://climate.calcommons.org/article/tek>

Video: Our Home

The people of the Suquamish Tribe see themselves as people of the water, dependent on the Puget Sound and the animals that thrive in it, but the sound now has one of the highest acidity rates in the nation. Ocean acidification is threatening the lives of the fish and the way of life of the Suquamish people. 3.5 min.

<http://vimeo.com/26935157>

Webinar recording: Climate Resilience: What to Expect, How to Prepare, and What You Can Learn from Others

Archived EPA's Watershed Academy webinar.

<http://water.epa.gov/learn/training/wacademy/archives.cfm#w20141029>. Learn more about the Climate Ready Estuaries' "Being Prepared for Climate Change" workbook and the San Juan Bay Estuary Program's vulnerability assessment project. The Workbook is a tool that can be used by any place-based organization to identify and prioritize actions needed to address climate change vulnerabilities. <http://www2.epa.gov/cre/risk-based-adaptation>

Other Items of Interest

Call for comments on NOAA Fisheries Draft Climate Science Strategy

The NOAA Fisheries draft Climate Science Strategy (NCSS) is designed to increase the production, delivery, and use of climate-related information to marine and coastal resource managers, resource users and others at regional to national scales. NOAA Fisheries depends on many partners inside and outside of NOAA to meet its information needs. So input on the draft Strategy from science and non-science entities is critical to its success. **Written comments are being accepted through 3/31/15.**

<http://www.st.nmfs.noaa.gov/ecosystems/climate/national-call-for-comments>

Executive Order --- Enhancing Coordination of National Efforts in the Arctic (White House)

The Obama Administration released an Executive Order to enhance coordination of Federal Arctic policies across Departments and agencies. It establishes an Arctic Executive Steering Committee, chaired by the Director of the Office of Science and Technology Policy, and includes Deputy Secretary or equivalent officers from Departments and agencies with duties and responsibilities in the Arctic. The Executive Steering Committee will serve as the coordinating mechanism on Federal Arctic activities to facilitate cohesive guidance to Departments and agencies. The Executive Order also seeks to enhance collaboration with State, local, and Alaska Native tribal governments and similar Alaska Native organizations, academic and research institutions, and the private and nonprofit sectors. 1/21/15.

<http://www.whitehouse.gov/the-press-office/2015/01/21/executive-order-enhancing-coordination-national-efforts-arctic>

Climate Voices -- Science Speakers Network

The University Corporation for Atmospheric Research (UCAR) and the United Nations Foundation invite you to consider joining a new initiative, *Climate Voices -- Science Speakers Network*. The goal is to bring scientists and their local communities, in all corners of the U.S., together for non-partisan dialogue on climate science that speaks to citizens' current and future wellbeing and responsibility as members of a community and democracy. Materials for context-setting presentations are being offered to participants as is coaching regarding how to begin conversations about climate change with fellow citizens.

<http://climatevoices.org/>

Inter-Tribal Youth Climate Leadership Congress

The Bureau of Indian Affairs and the US Fish and Wildlife Service are hosting the first Inter-Tribal Youth Climate Leadership Congress for 100 high school students at the FWS's National Conservation Training Center. Utilizing Open Space Technology to provide a student-directed meeting environment, the goal of the ITYCLC is to foster an inclusive, meaningful educational event for aspiring tribal youth leaders interested in addressing climate change issues facing Indian Country. The event will be held at the National Conservation Training Center, Shepherdstown, WV from June 28 – July 3.

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/>

Five Star & Urban Waters Restoration Program 2015 Request for Proposals (National Fish and Wildlife Foundation)

This grant program seeks to develop community capacity to sustain local natural resources for future generations by providing modest financial assistance to diverse local partnerships for wetland, riparian, forest and coastal habitat restoration, urban wildlife conservation, stormwater management as well as outreach, education and stewardship. Projects should focus on water quality, watersheds and the habitats they support. Eligibility includes Indian tribes. Deadline: 2/3/15.

<http://www.nfwf.org/fivestar/Pages/2015RFP.aspx#.VFwExFN584c>

DOE Alaska START Program for Community Energy Planning and Projects (DOE)

The US Dept of Energy Office of Indian Energy is accepting applications for the third round of the Alaska Strategic Technical Assistance Response Team (START) Program to assist Alaska Native corporations and federally recognized Alaska Native governments with accelerating clean energy projects. Eligible Entities: Alaska Native corporations and federally recognized Alaska Native governments. Deadline: 2/6/15.

<http://energy.gov/indianenergy/resources/start-program/alaska-start>

USDA Energy Audit and Renewable Energy Development Assistance Grants

The USDA Rural Business Cooperative-Service Agency is accepting applications for Energy Audit and Renewable Energy Development Assistance grants to establish programs to assist agricultural producers and rural small businesses with

evaluating energy efficiency and the potential to incorporate renewable energy technologies into their operations. Eligibility includes tribal governments. Deadline: 2/12/15.

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

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>

Upcoming Events

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

www4.nau.edu/tribalclimatechange/events.asp

January 2015

- **Webinar: Green Infrastructure and Flood Resiliency—Land Use Management as an Adaptation Strategy in the Built Environment**

January 29, 12:00-1:15 pm EST. Part of Weathering Change: Local Solutions for Strong Communities

Webinar Series. Presenter: Dr. Rob Roseen, Associate at Geosyntec Consultants in Portsmouth, NH. This webinar addresses assessment, planning, and adaptation to not only better prepare for the next emergency, but to sustainably manage flooding, and stormwater to maintain human health and a vibrant local economy..

<https://www1.gotomeeting.com/register/922982776>

- **ITEP Webinar: Tribal Landscape Conservation Case Studies**

January 30, 10-11:15 am PST. PNW Tribal Climate Change Webinar Series hosted by the Institute for Tribal

Environmental Professionals, Northern Arizona University. Part 1 – Implementing Ecosystem-based

Management in the Central Coast of British Columbia: Heiltsuk Participation in the Strategic Landscape

Reserve Design (SLRD) Process. Presenter: Laurie Whitehead, Lands Manager, Heiltsuk Integrated

Resource Management Department. Part 2 – Berry risk mapping and modeling of native and exotic defoliators

in Alaska. Presenter: Nathan Lojewski, Forestry Manager, Chugachmiut Tribe.

<https://attendee.gotowebinar.com/register/160921586508344066>

February 2015

- **Webinar: The climate has changed, have we? Reflections on 50 years of fire management in Alaska**

February 3, 10 am AKST. Alaska Center for Climate Assessment & Policy (ACCAP) webinar. Randi Jandt will talk about the evolution of Alaska firefighting practices--field and management--over the past 50 years. She

will combine her background in land and fire management agencies with input from long-term observers to discuss which changes might be a response to changing weather, climate, & fire regimes in Alaska.

https://accap.uaf.edu/AK_Fire?utm_source=ACCAP&utm_campaign=e8c3063589-

[Fire+in+Alaska&utm_medium=email&utm_term=0_7a2dda40c5-e8c3063589-37333265](https://accap.uaf.edu/AK_Fire?utm_source=ACCAP&utm_campaign=e8c3063589-)

- Conference: Alaska Forum on the Environment**
 February 9-13, Anchorage, AK. AFE is Alaska's largest statewide gathering of environmental professionals from government agencies, non-profit and for-profit businesses, community leaders, Alaskan youth, conservationists, biologists and community elders. It will include sessions on climate change, energy, environmental regulations, cleanup and remediation, fish & wildlife, solid waste, and of course much more.
<http://akforum.com/>
- Webinar: Critical Evaluation of Methods and Outcomes for Habitat/Ecological Systems Classification and Mapping in the Northeast and Midwest U.S.**
 February 11, 3:30 pm Eastern. NE Climate Science Center Webinar. Speaker: David D. Diamond, Missouri Resource Assessment Partnership, Don Faber-Langendoen, NatureServe. The goal of this project was to review and compare four vegetation map products for the eastern USA, with an eye toward providing a single 'best map product' insofar as possible. Map producers included LANDFIRE, Southeast GAP Analysis, TNC, and NatureServe.
<https://necsc.umass.edu/webinars>
- Webinar: Conservation Priorities for Great Plains Fish Communities Based on Riverscape Connectivity and Genetic Integrity of Populations**
 February 11, 1:00-2:30 pm MST. Great Plains Landscape Conservation Cooperative Science Webinar. Presenters: Joshua S. Perkin, Assistant Professor, Tennessee Technological Univ.; Keith Gido, Professor, Kansas State Univ. This study documents the distribution of anthropogenic barriers and dry stream segments in five basins covering the central Great Plains to assess effects of broad-scale environmental change on stream fish community structure, distribution of reproductive guilds, and genetic integrity of select populations.
<http://www.greatplainslcc.org/science/webinar/>
- Webinar: Ensuring Social Equity in Preparing for Climate Change: Challenges and Solutions**
 February 12, 1 pm EST. National Adaptation Forum Webinar. Climate change is impacting communities of color disproportionately. To respond to these challenges the National Association for the Advancement of Colored People (NAACP) Climate Justice Initiative is working to educate communities to adapt to climate change.
<http://www.nationaladaptationforum.org/other-adaptation-events/webinars/ensuring-social-equity-preparing-climate-change-challenges-and>
- Conference: Great Basin Consortium**
 February 17-19, Boise, ID. Informative presentations on research projects and emerging natural resource issues.
<http://environment.unr.edu/consortium/news-events.html>
- Webinar: Midwest and Great Plains Drought Webinar**
 February 19, 1-2 pm Central. Each month, a state climatologist and a NOAA regional climatologist conduct public webinars to brief interested members of the public about ongoing and near-future changing climate conditions in the Great Plains and Midwestern United States.
<http://drought.gov/drought/content/regional-programs/regional-drought-webinars>
- ITEP Webinar: Columbia River Inter-Tribal Fish Commission (CRITFC) Climate Impacts and Adaptation Projects**
 February 23, 10:00-11:15 am PST. PNW Tribal Climate Change Webinar Series hosted by the Institute for Tribal Environmental Professionals, Northern Arizona University. Part 1 – Climate Change Impacts on Columbia River Treaty Tribe's Resources Presenters: David Graves, Columbia River Inter-Tribal Fish Commission (CRITFC), and Bob Heinith, technical consultant for CRITFC. Part 2 – Adaptation of Salmonids to Climate Change Presenter: Shawn Narum, Columbia River Inter-Tribal Fish Commission (CRITFC)
<https://attendee.gotowebinar.com/register/8043789937499597826>
- Webinar: Moving Toward Sustainability**
 February 23, 11:00 am- 12:30 pm MST. Offered by US EPA. Topic 1: Overview of "Moving Toward Sustainability: Sustainable and Effective Practices for Creating Your Water Utility Roadmap". Topic 2: Operational Resiliency
<https://attendee.gotowebinar.com/register/255088160360016129>

- **Conference: Climate Leadership Conference**
February 23-25, Washington, DC. Organized by USEPA, Assoc. of Climate Change Officers, Center for Climate and Energy Solutions, the Climate Registry. Annual conference for addressing global climate change through policy, innovation, and business solutions.
www.climateleadershipconference.org
- **Training (online): Changing Weather and Climate in the Great Lakes Region**
February 23- March 30. 1-3 hours of work/ week. A Massive Open Online Course (MOOC) offered by University of Wisconsin-Madison through Coursera. This course will feature a new season each week through short lectures and activities covering Great Lakes weather, observed changes in the climate, and societal impacts of climate change.
www.coursera.org/course/greatlakesclimate
- **ITEP Webinar: Climate Change Funding and Technical Resources for Tribes**
February 25, 10:00 - 11:15 a.m. PST. PNW Tribal Climate Change Webinar Series hosted by the Institute for Tribal Environmental Professionals, Northern Arizona University. Presenters: Kathy Lynn, Project Coordinator, Tribal Climate Change Project, Environmental Studies Program, University of Oregon, and Sue Wotkyns, Climate Change Program Manager, Institute for Tribal Environmental Professionals, Northern Arizona University Description: This webinar will provide an overview of funding and technical resources available to tribes to support their climate change adaptation planning and implementation initiatives. It will include resources specific to tribes in the Pacific Northwest, as well as other resources. This presentation will highlight existing guides for climate change assessments and planning, as well as current grants related to funding for climate change adaptation and mitigation. <https://attendee.gotowebinar.com/register/4786137095427859202>
- **Webinar: Stream Channel Repair and Restoration Following Extreme Flooding Damage: Part 1, Background and Planning**
February 25, 2:00 pm Eastern. This webinar will provide introductory information to understand the risks, challenges, and opportunities for USDA NRCS assistance for the repair and restoration of a stream channel following extreme flooding damage.
<http://www.conservationwebinars.net/webinars/stream-channel-repair-and-restoration-following-extreme-flooding-damage-part-1>
- **Webinar: Accounting for variability & uncertainty when informing natural resource management**
February 25, 3:30 pm Eastern. NE Climate Science Center Webinar. Presenters: Brian Irwin, U.S. Geological Survey, Georgia Cooperative Fish & Wildlife Research Unit, Athens, GA; Tiffany Vidal, PhD Candidate, Warnell School of Forestry and Natural Resources, Univ. of Georgia
<https://necsc.umass.edu/webinars>

March 2015

- **Training (online): Turn Down the Heat: Why a 4°C Warmer World Must be Avoided**
March 2-27, 3-5 hours of work/week. 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.
www.coursera.org/course/warmerworld
- **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: 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.
http://calclimateag.org/summit-2015/?utm_source=October+28+Newsletter&utm_campaign=Constant+Contact&utm_medium=email

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/>

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
- **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. The purpose of this conference is to bring the regional climate research community (from North Central region universities, DOI agencies, and other research institutions) and stakeholders (including local to federal natural resource managers, tribal resource managers and leaders, and non-governmental organizations) together to foster productive engagement, interactions and involvement with the North Central Climate Science Center (NC CSC).
<http://revampclimate.colostate.edu/conference/abstract-submission>

June 2015

- **Workshop: 2015 Tribal and Pacific Rim Faculty Development Institute**
June 8-12, Honolulu, HI. STEM faculty from 2-year Tribal and Pacific Rim colleges and high schools are invited to participate in National PETE's National Science Foundation-funded 2015 Tribal and Pacific Rim Faculty Development Institute. Join us for five days of rigorous instruction, hands-on activities and curriculum development as we explore climate change: its impacts on indigenous populations. <http://nationalpete.org/nsf-indigenous-education/fellows-institutes/2015-institute/>

- **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: 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

- **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/>