



NORTHERN ARIZONA  
UNIVERSITY



Institute for Tribal Environmental Professionals

## ***Tribal Climate Change Newsletter*** ***October 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***



*View of San Juan River on Navajo Nation. Photo credit: Colleen Cooley.*

ITEP recently hired Karen Cozzetto and Nikki Cooley as Program Coordinator Srs. for the Climate Change Program. They are working closely with me on the various trainings, products and services that the program offers to tribes. I welcome them to ITEP and am excited to have them as part of the Climate Change team.

I have been working on our climate change training schedule for the coming year. We anticipate offering Climate Change Adaptation Planning trainings at the following locations, dates to be determined: Fort Hall, ID; Anchorage, AK; Spokane, WA; Billings, MT; and Pala, CA (tentatively June 7-9).

We are collaborating with the Bureau of Indian Affairs (BIA) to offer two webinars that provide an overview of the BIA's Climate Change Competitive Award Process for the award categories: climate adaptation, ocean and coastal planning, and youth internships. Session 1 was held on October 20; Session 2 is scheduled for November 10, 10:00-11:00 a.m. PST (1:00-2:00 pm EST). Registration is available at:

<https://attendee.gotowebinar.com/register/128151748752017409>.

The webinar presentations will be archived at:

[http://www7.nau.edu/itep/main/Training/training\\_wbnrs\\_ccAr](http://www7.nau.edu/itep/main/Training/training_wbnrs_ccAr)

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#### **Newsletter**

To subscribe or unsubscribe to this newsletter, please go to [www7.nau.edu/itep/main/listsrv/](http://www7.nau.edu/itep/main/listsrv/) where you can manage your Tribes & Climate Change Listserv and other ITEP Listserv subscriptions.

#### **Tribes & Climate Change website**

For more on tribes and climate change issues, visit ITEP's Tribes & Climate Change website at [www7.nau.edu/itep/main/tcc/](http://www7.nau.edu/itep/main/tcc/)

## *In The News*

### **Building climate resilience in Native American communities**

In the Navajo Nation, electricity may be a fragile commodity as climate change intensifies. Other tribes in the United States face similar energy quandaries. The United States Department of Energy (DOE) announced Sept. 2 that it is requesting applications to co-fund renewable energy, energy efficiency and combined heat and power to help increase the climate resilience of indigenous communities. © GreenBiz, 10/20/15.

<http://www.greenbiz.com/article/building-climate-resilience-native-american-communities>

### **Climate change, indigenous peoples a focus at Parliament of the World's Religions**

Since its centennial celebration in 1993, the Parliament of the World's Religions has met every five to six years around the world. The declarations emerging in Salt Lake City prominently addressed climate change and the rights of indigenous people. © National Catholic Reporter, 10/20/15.

<http://ncronline.org/blogs/eco-catholic/climate-change-indigenous-peoples-focus-parliament-world-s-religions>

### **Indigenous Solidarity Stands with Peoples Climate Change**

HSU student Marlene Dusek said the event was not only for HSU but for the entire community to bring awareness to the environment as well as Indigenous people. Dusek said Indigenous Solidarity works with Peoples Climate Change to recognize that everything is connected within this world. © The Lumberjack – Humboldt State University, 10/15/15.

<http://thelumberjack.org/2015/10/15/indigenous-solidarity-stands-with-peoples-climate-change/>

### **Climate change protesters target Murkowski at AFN**

Another day, another demonstration at the Alaska Federation of Natives conference in Anchorage. The first day was about the Fairbanks Four, the second day was dominated by climate change. © KTVA Alaska, 10/16/15.

<http://www.ktva.com/climate-change-protesters-target-murkowski-at-afn-274/>

### **Climate change and glacial uplift in Southeast's rural communities**

Climate change is already affecting the way Southeast Alaska's Native communities harvest and gather traditional foods, according to a recent Forest Service Pacific Northwest Research Station study. © 2015 Capital City Weekly, 10/14/15.

[http://www.capitalcityweekly.com/stories/101415/new\\_1261016671.shtml](http://www.capitalcityweekly.com/stories/101415/new_1261016671.shtml)

### **Indigenous women take climate matters into their own hands**

Not far from the negotiations for a new global development agenda that took place between heads of state at the United Nations General Assembly last month, a small group of female leaders gathered out of the limelight to sign another historic agreement. © global post, 10/11/15.

<http://www.globalpost.com/article/6665956/2015/10/09/temps-rise-indigenous-women-rise-together>

### **This Community in Alaska Is Relocating Because Of Climate Change**

As erosion and rising seas destroy their land, residents of Newtok, Alaska, are hopeful that their community can be saved before the threats of climate change engulf their village. © 2005-2015 Center for American Progress Action Fund, 10/6/15.

<http://thinkprogress.org/climate/2015/10/06/3709050/alaska-climate-threatened-community-relocating/>

### **'Archipelago of Hope' Book Project Shares Indigenous Peoples' Stories of Climate, Resilience**

Indigenous Peoples, with their long interdependent relationship with their land and resources are not only among the first to witness the impacts wrought by a changing climate, they're also among the most resilient, having adapted to changes over millennia. As some of climate disruption's earliest victims a number of IPs chose to tell their stories through the film project Conversations with the Earth. © 2015 Indian Country Today Media Network, LLC, 9/24/15.

<http://indiancountrytodaymedianetwork.com/2015/09/24/archipelago-hope-book-project-shares-indigenous-peoples-stories-climate-resilience-161858>

### **Young Leaders Lend Their Voices on Culture, Climate Change**

Selected youth met with Interior Secretary Sally Jewell and Secretary of State John Kerry during the U.S. Arctic Youth Ambassadors program to increase outreach and environmental education. © 2015 Indian Country Today Media Network, LLC, 9/24/15.

<http://indiancountrytodaymedianetwork.com/2015/09/24/young-leaders-lend-their-voices-culture-climate-change-161861>

## Resources

### **Addressing Climate Change in the Water Sector** (US EPA)

EPA's new website on climate change and water directs users to quickly and easily access a variety of resources including tools, organizations, training, and research. In addition, the site profiles actions the EPA is taking on climate change in the water sector, and includes upcoming webinars, conferences, and trainings.

<http://www2.epa.gov/climate-change-water-sector>

### **Books on Social Sciences & Climate Change** (Yale Climate Connections)

As much of the continuing popular debate has moved from the physical to the social sciences, a whole string of books derived from social science research adds new heft to climate change books shelves. © 2015 Yale Climate Connections.

<http://www.yaleclimateconnections.org/2015/10/books-on-social-sciences-and-climate-change/>

### **Colorado Climate Plan: State Level Policies and Strategies to Mitigate and Adapt** (Colorado Water Conservation Board)

Updated climate action plan for Colorado details what Colorado has done in reducing greenhouse gas emissions as well as in addressing the challenges of rising temperatures. 2015.

<http://cwc.cb.state.co.us/environment/climate-change/Pages/main.aspx>

### **Video: Conversations about Environmental Change in Southeast Alaska**

Residents of Yakutat, Angoon and four communities on Prince of Wales share the changes they are experiencing, how they are adapting and how they think their communities will be in the future. A research project on perceptions of environmental change done in collaboration between the US Forest Service, University of Alaska Fairbanks and other organizations involving over ninety local residents. 9:45 min. 8/23/15.

[https://vimeo.com/124723553?utm\\_source=email&utm\\_medium=clip-transcode\\_complete-finished-20120100&utm\\_campaign=7701&email\\_id=Y2xpcF90cmFuc2NvZGVkfGU4NWE4NWM1MjJhOGQzNGExMDMyZDE3ZDY0ZGRjOWU4MzU](https://vimeo.com/124723553?utm_source=email&utm_medium=clip-transcode_complete-finished-20120100&utm_campaign=7701&email_id=Y2xpcF90cmFuc2NvZGVkfGU4NWE4NWM1MjJhOGQzNGExMDMyZDE3ZDY0ZGRjOWU4MzU)

### **Water Infrastructure and Resiliency Finance Center** (US EPA)

Revamped website that communities can reference for financing drinking water, wastewater and storm water infrastructure.

<http://www2.epa.gov/waterfinancecenter>

### **Tribal Connections – U.S. Forest Service Indian Lands Map** (USFS)

New online interactive mapping tool that shows how lands managed by the agency connect or overlap with current tribal trust lands and lands tribes exchanged with the federal government prior to 1900. This reference tool will help Forest Service employees and the public better understand historical treaties and the role they play in making current land management decisions.

<http://usfs.maps.arcgis.com/apps/webappviewer/index.html?id=fe311f69cb1d43558227d73bc34f3a32>

### **Great Basin Landscape Conservation Cooperative Tribal Resource Page Science and Traditional Ecological Knowledge (S-TEK) Working Group and Strategic Plan** (GBLCC)

Website has map of tribes within the Great Basin, and links to publications and other resources. This collaborative effort incorporated the expertise and input of representatives from federal and state government, tribes, academia and non-profit sectors to identify key science and management priorities.

<http://www.greatbasinlcc.org/tribal-resources>

<http://www.greatbasinlcc.org/priorities>

### **Audio: Swinomish Climate Change Initiative** (Yale Climate Connections)

Members of the Swinomish Tribe in Washington state have fished and gathered food on the Skagit River for centuries. But nuisance flooding and higher tides on the Pacific coast are threatening their traditional way of life. So in 2007, long before climate resilience became a buzz-word, Swinomish elders signed a proclamation directing the tribe to identify possible climate change impacts, vulnerabilities – and potential solutions. 1.5 min. 10/8/15.

<http://www.yaleclimateconnections.org/2015/10/swinomish-tribe-climate-change-initiative/>

## Other Items of Interest

### **Climate Hubs Fellows Program (CHFP) Opportunity** (USDA)

The CHFP program will hire fellows as temporary federal employees to work with the regional Hubs and Sub-Hubs to accomplish their mission. Fellows from this program will obtain experience developing on-the-ground solutions for vulnerabilities faced by operational land managers and learn to work with established research and outreach communities.

Deadline: 11/20/15.

<http://nifa.usda.gov/event/usda-climate-hubs-fellows-program-cfhp-opportunity>

**EPA Seeking Young Adults to Serve on National Environmental Justice Council (NEJAC) Work Group on Climate Justice (US EPA)**

The EPA is seeking young adults, ages 18 to 29, who are involved in climate change efforts and/or advocacy to participate on this “first of its kind” youth-led advisory work group to assist the NEJAC in developing advice and recommendations to assist EPA in developing best practices to address climate change concerns. Deadline: 11/30/15.

<http://www3.epa.gov/environmentaljustice/nejac/current-charges.html>

**Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units: Final Rule (US EPA)**

The EPA is establishing final emission guidelines for states to follow in developing plans to reduce greenhouse gas (GHG) permissions from existing fossil fuel-fired electric generating units (EGUs). This final rule will continue progress already underway in the U.S. to reduce CO<sub>2</sub> emissions from the utility power sector. 10/23/15.

<https://www.federalregister.gov/articles/2015/10/23/2015-22842/carbon-pollution-emission-guidelines-for-existing-stationary-sources-electric-utility-generating>

**Standards of Performance for Greenhouse Gas Emissions From New, Modified, and Reconstructed Stationary Sources: Electric Utility Generating Units: Final Rule (US EPA)**

The EPA is finalizing new source performance standards (NSPS) under Clean Air Act (CAA) section 111(b) that, for the first time, will establish standards for emissions of carbon dioxide (CO<sub>2</sub>) for newly constructed, modified, and reconstructed affected fossil fuel-fired electric utility generating units (EGUs). 10/23/15.

<https://www.federalregister.gov/articles/2015/10/23/2015-22837/standards-of-performance-for-greenhouse-gas-emissions-from-new-modified-and-reconstructed-stationary>

**Federal Plan Requirements for Greenhouse Gas Emissions From Electric Utility Generating Units Constructed on or Before January 8, 2014; Model Trading Rules; Amendments to Framework Regulations - Public Comment Period on Proposed Rule (US EPA)**

In this action, the EPA is proposing a federal plan to implement the greenhouse gas (GHG) emission guidelines (EGs) for existing fossil fuel-fired electric generating units (EGUs) under the Clean Air Act (CAA). The EGs were proposed in June 2014 and finalized on August 3, 2015 as the Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units (also known as the Clean Power Plan or EGs). This proposal presents two approaches to a federal plan for states and other jurisdictions that do not submit an approvable plan to the EPA: a rate-based emission trading program and a mass-based emission trading program. These proposals also constitute proposed model trading rules that states can adopt or tailor for implementation of the final EGs. **Public comments must be submitted on or before: 01/21/16.**

<https://www.federalregister.gov/articles/2015/10/23/2015-22848/federal-plan-requirements-for-greenhouse-gas-emissions-from-electric-utility-generating-units>

## *Funding Opportunities*

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

<http://www7.nau.edu/itep/main/tcc/Resources/funding>. Also, see the Tribal Climate Change Guide to Funding, Science, Programs, and Adaptation Plans maintained by the Pacific Northwest Tribal Climate Change Project at the Univ. of Oregon: <http://envs.uoregon.edu/tribal-climate/>

**Western Alaska Landscape Conservation Cooperative Terrestrial Systems FY16-FY17 (USFWS)**

Request for pre-proposals addressing the needs of the priority general Categories and Factors and specific near-term needs listed. The three categories are: (1) Patterns of change, and their impacts, in the phenology and distribution of subsistence resources, harvested species, or other species of management interest; (2) Identification and synthesis of information about ‘hotspots’ of change or of highly resilient ‘stable’ locations in western Alaska; (3) Changes in terrestrial habitat characteristics and their impact on important resources or services in western Alaska. Funding opportunity #: F15AS00464. Deadline for pre-proposals: 11/02/15.

<https://westernalaskalcc.org/projects/SitePages/rfp.aspx>

**Urban Waters Small Grants (USEPA)**

EPA seeks to fund projects that address urban runoff pollution through diverse partnerships that produce multiple community benefits, with emphasis on underserved communities. Consideration will be given to projects that engage communities in learning about, planning, and developing storm water infrastructure improvements such as rain gardens, planters, tree boxes, vegetated swales, green roofs, rain barrels, cisterns, and tree planting. Eligibility includes Indian Tribes and intertribal consortia. Funding Opportunity #EPA-OW-IO-15-01. Deadline 11/20/15.



<http://www.grants.gov/web/grants/search-grants.html?keywords=EPA-OW-IO-15-01>

**National Urban and Community Forestry Challenge Cost-Share Grant Program (USDA Forest Service)**

The National Urban and Community Forestry Advisory Council seeks innovative (new, cutting-edge or builds upon existing studies) grant proposals for program development, study, and collaboration that will address strategies in the Ten Year Action Plan. This Request for Proposals is to address the following priority issues: Analysis and Solutions for Development and Redevelopment Impacts on Urban and Community Forests; Building Human Health Through Urban and Community Forestry; Climate Change and Its Impact on Trees and Water. Funds are to support national urban and community forestry projects on nonfederal public land that have a national or multi-state impact and application. Eligibility includes tribal agencies. Funding Opportunity # USDA-FS-UCF-01-2016. Deadline for pre-proposals: 11/23/15.

[http://www.fs.fed.us/ucf/supporting\\_docs/fy2016/2016NatUrbanForestryRequestForProposals.pdf](http://www.fs.fed.us/ucf/supporting_docs/fy2016/2016NatUrbanForestryRequestForProposals.pdf)

**Deployment of Clean Energy and Energy Efficiency Projects on Indian Lands – 2015 (USDOE)**

Through this Funding Opportunity Announcement (FOA), the Department's Office of Indian Energy is soliciting applications from Indian tribes (including Alaska Native regional corporations, village corporations, tribal consortia, and tribal organizations) and Tribal Energy Resource Development Organizations to install (1) facility-scale clean energy and energy efficiency projects and (2) community-scale clean energy projects on Indian lands. Eligibility: an Indian Tribe; or (2) Tribal Energy Resource Development Organization; and on whose (3) Indian Lands the project(s) will be located. Funding opportunity # DE-FOA-0001390. Deadline: 12/10/15.

<https://eere-exchange.energy.gov/Default.aspx?FoalId4a7967f3-f608-497f-a02d-95c215342d15>

**Great Lakes Fisheries and Wildlife Restoration Act (GLFWRA) (USFWS)**

The USFWS requests interested entities to submit restoration, research and regional project proposals for the restoration of the Great Lakes Basin fish and wildlife resources, as authorized by the GLFWRA. The purpose of the act is to provide assistance to States, Indian Tribes, and other interested entities to encourage cooperative conservation, restoration and management of the fish and wildlife resources and their habitats in the Great Lakes Basin. Eligibility includes federally recognized tribal governments, and tribal organizations. Funding opportunity # F16AS00008. Deadline: 12/14/15.

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=279634>

**2016 Ecological Effects of Sea Level Rise Program - Advancing Predictive Capabilities to Evaluate Natural and Nature-based Features (NOAA)**

NOAA announced funding to evaluate and quantify the ability of coastal natural and nature-based features to mitigate the effects of sea level rise, storm surge, flooding, and wave run-up on coastal ecosystems and communities. Proposals should model the impacts of sea level rise and quantify the vulnerability and resilience of communities to inundation and sea level rise under various deployment levels of nature-based ecosystems, which include forests, wetlands, floodplains, dune systems, seagrasses, barrier islands, and reefs. Eligibility includes federally recognized tribal governments. Funding opportunity # NOAA-NOS-NCCOS-2016-2004616. Deadline: 01/08/16.

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=279216>

## *Upcoming Events*

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

<http://www4.nau.edu/tribalclimatechange/events.asp>

### **November 2015**

**Conference: Southwest Climate Summit: Bridging the Gap: Collaborative Science for Adaptive Management**

November 2-3, Sacramento, CA. The Southwest Climate Science Center (SW CSC) will bring together scientists and managers to share emerging climate science, Climate-Smart Conservation results, management and policy responses, and lessons learned across the Southwest.

<http://www.swcsc.arizona.edu/content/2015-southwest-climate-summit>

**Webinar: Patterns, Causes and Consequences of Spring Onset Timing Variations and Trends in the U.S**

November 4, 3:30 p.m. EDT. Northeast Climate Science Center webinar: Julio Betancourt (USGS) will discuss how seasonal timing has myriad impacts on plants and animals, biospheric processes, and human systems, and is critical for formulating adaptive responses to both climate variability and change.

<https://necsc.umass.edu/webinars/patterns-causes-and-consequences-spring-onset-timing-variations-and-trends-us>

**Conference: 6<sup>th</sup> Annual Pacific Northwest Climate Science Conference**

November 4-5, Coeur d'Alene, ID. This conference annually brings together more than 250 researchers and practitioners from around the region to discuss scientific results, challenges, and solutions related to the impacts of climate on people,

natural resources, and infrastructure in the Pacific Northwest. It is the region's premier opportunity for a cross-disciplinary exchange of knowledge and ideas about regional climate, climate impacts, and climate adaptation science and practice.  
<https://www.nwclimatescience.org/node/496>

**Webinar: Regional Climate Change Impacts Webinars: Hawaii and Pacific Islands**

November 5, 1:00 – 2:30 p.m. MST. Webinar series highlighting the impacts and opportunities of climate change and responses for minority communities.

<http://www.energy.gov/diversity/mie-webinar>

**Conference: Native Waters on Arid Lands**

November 5-6, Las Vegas, NV. Sponsored by United States Department of Agriculture (USDA) and National Institute of Food and Agriculture (NIFA), this first annual tribal summit seeks to build capacity among tribal communities in the Great Basin and American Southwest to enhance climate resiliency of water resources and agriculture.

<http://nativewaters-aridlands.com/>

**Training: Climate-Smart Conservation**

November 6, San Diego, CA. National Conservation Training Center hosted by the California Landscape Conservation Cooperative (CA LCC) and is based on the guide Climate-Smart Conservation: Putting Adaptation Principles into Practice.

[http://californialcc.org/sites/default/files/CSC\\_CourseAnnouncement\\_San%20Diego\\_TBD\\_Nov2015.pdf](http://californialcc.org/sites/default/files/CSC_CourseAnnouncement_San%20Diego_TBD_Nov2015.pdf)

**Webinar: Using the Online Adaptation Workbook (USDA and USFS)**

November 9, 3:00 - 4:30 p.m. EDT. Hosted by Northern Institute of Applied Climate Science (NIACS). NIACS will introduce the online Adaptation Workbook, how it works, and how it can help integrate climate change considerations into your work.

<http://climateframework.org/node/554>

**Online training: Climate Change Policy and Public Health**

November 9 - December 6. Offered by University of Wisconsin-Madison through Coursera. 4-8 hours/week. Explore current evidence linking climate change and public health while learning the fundamental co-benefits of climate change mitigation. Evaluate policies and interventions while gaining hands on experience communicating climate science and health to policy makers and the general public.

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

**Conference: 2015 Rising Seas Summit**

November 12-14, Cambridge, MA. Offered by the Association of Climate Change Officers. It brings together professionals from national and local government, industry, academic institutions and environmental NGOs to highlight the interrelationships between sea level rise, climate change and extreme events.

<http://www.risingseassummit.org/index.html>

**Conference: 2015 National Tribal GIS Conference**

November 16-20, Albuquerque, NM. Organized by the National Tribal Geographic Information Support Center (NTGISC) and Southwestern Indian Polytechnic Institute (SIPI). The principle goal of the conference is to exchange information through interdisciplinary dialogues among conference participants who represent industry, academia, and federal agencies. It will include climate change sessions.

[http://www.tribalgis.com/index.php?option=com\\_content&view=featured&Itemid=40](http://www.tribalgis.com/index.php?option=com_content&view=featured&Itemid=40)

**Webinar: Working with Local Communities to Design Housing that is Affordable, Climate Appropriate, and Resilient**

November 17, 12:00 – 1:00 p.m. AKST. Alaska Center for Climate Assessment & Policy webinar. Presentation on working with local communities to design housing that is affordable, climate appropriate, and resilient.

[https://accap.uaf.edu/?q=Newtok\\_Housing\\_CCHRC](https://accap.uaf.edu/?q=Newtok_Housing_CCHRC)

**Training: Climate Change and New England Forests**

November 18-19, North Woodstock, NH. Offered by the Forest Adaptation and Planning Practices. Participants will identify the climate change impacts most relevant to the lands that they work on and then identify robust actions that help ecosystems adapt to changing conditions and address conservation priorities.

<http://forestadaptation.org/fapp>

**Webinar: Assessing Climate Change Vulnerability of Grassland Birds Using Demographically Informed Species Distribution Models**

November 18, 3:30 p.m. EDT. Northeast Climate Science Center webinar. Presentation on a Climate Change Vulnerability Assessment approach to quantify demographic sensitivities of a grassland obligate -Henslow's sparrow (*Ammodramus henslowii*) - to climate variability and the potential impacts of future climate change on populations throughout the species' ranges.

<https://necsc.umass.edu/webinars/assessing-climate-change-vulnerability-grassland-birds-using-demographically-informed-speci>

**Webinar: Midwest and Great Plains Drought**

November 19, 1:00 – 2:00 p.m. Central. National Integrated Drought Information System. Climate experts provide public briefings on the latest seasonal climate outlooks for the coming winter and updates on the drought.

<http://www.drought.gov/drought/news/midwest-and-great-plains-drought-webinar-nov-19-2015>

**Training: Climate Change and Rhode Island Forests**

November 20-21, Smithfield, RI. Offered by the Forest Adaptation and Planning Practices. These two workshops will help foresters, natural resource managers, land trusts, woodland owners, and other members of the conservation community integrate information related to climate change and forests into their stewardship and conservation activities.

<http://forestadaptation.org/RI>

**December 2015**

**Training: Wausau Forest Adaptation Planning and Practices**

December 7-8, Wausau, WI. Offered by the Forest Adaptation and Planning Practices.

[https://docs.google.com/forms/d/1mDoLKdm\\_N6cu4ZyJgL5FQKySzGFOYIJuThn2yFtdU8g/viewform?c=0&w=1](https://docs.google.com/forms/d/1mDoLKdm_N6cu4ZyJgL5FQKySzGFOYIJuThn2yFtdU8g/viewform?c=0&w=1)

**Conference: 2015 Montana State University Extension Climate Science Conference**

December 8-10, Bozeman, MT. Conference participants will learn about: climate science basics, Montana and regional climate trends, stakeholder perspectives, tools for extension programming, effective communication techniques, program-focused discussions and opportunities to collaborate.

<http://cms.msuxextension.org/climate/2015ConferenceHome.html>

**Training: Climate Adaptation for Conservation Training and Coaching Session**

December 9-10, Fort Collins, CO. Offered by the Wildlife Conservation Society. Hands-on training in how to consider climate change information in conservation planning and identify adaptation actions for implementation. It will also furnish participants with feedback and coaching on their own real-world climate adaptation project. For more information or to register, contact Erika Rowland at [erowland@wcs.org](mailto:erowland@wcs.org) or Molly Cross at [mcross@wcs.org](mailto:mcross@wcs.org)

**Training: Grant Writing 101**

December 16, Albuquerque, NM. Offered by the SC Climate Science Center. Climate science grant writing training for tribal environmental and tribal grant writing staff. For more information, contact Kim Merryman, Assistant Sustainability Scientist/Tribal Liaison, Chickasaw Nation/Choctaw Nation of Oklahoma, South Central Climate Science Center, at [Kim.Merryman@Chickasaw.net](mailto:Kim.Merryman@Chickasaw.net)

**Training: Grant Writing 101 - Session 2 Workshop**

December 17, Albuquerque, NM. Offered by the SC Climate Science Center. Climate science grant writing training for tribal environmental and tribal grant writing staff. For more information, contact Kim Merryman, Assistant Sustainability Scientist/Tribal Liaison, Chickasaw Nation/Choctaw Nation of Oklahoma, South Central Climate Science Center, at [Kim.Merryman@Chickasaw.net](mailto:Kim.Merryman@Chickasaw.net)

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