



NORTHERN ARIZONA
UNIVERSITY



Institute for Tribal Environmental Professionals



Tribal Climate Change Newsletter

October 2016

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



Missoula, MT. Photo credit: Sue Rose

ITEP is pleased to welcome two members to the climate change program: Fletcher Wilkinson as Program Coordinator and Colleen Davis as Administrative Assistant. They are working closely with us on planning and preparing for the 2017 climate change adaptation trainings. We are thrilled to have them as part of the ITEP family!

Nikki will be presenting at the Native Waters on Arid Lands Tribal Summit in Las Vegas and Quivira Coalition Conference in Albuquerque, NM the week of November 07. Karen will be working with the Gila River Indian Community on a second climate change community workshop on November 04-05.

Finally, we are working on the climate change training schedule for the upcoming year for the following locations (dates TBD): Spokane, WA; Anchorage, AK; Albuquerque, NM; Northeast and Southeast regions. We will

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Newsletter

To subscribe or unsubscribe to this newsletter, please go to 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/

list them on our website: http://www7.nau.edu/itep/main/Training/training_cc.

Please stay tuned!

-Nikki Cooley and Karen Cozzetto

In The News

Glaciers Help Explain Suffering Salmon Populations

The Nooksack Indians, who live in northwest Washington near the border of Canada, are fighting to save local salmon populations through a variety of innovative measures. Several species of salmon reside in the Nooksack River, which is comprised of three main forks that drain a large portion of the Cascade Range into Bellingham Bay. The salmon of the Nooksack are struggling as waters in the river warm. In response, the Nooksack Indians have turned to local glaciers to help understand and resolve the otherwise unrestricted impacts of climate change. © 2014 Glacier Hub, 10/27/16.

<http://glacierhub.org/2016/10/27/glaciers-help-explain-suffering-salmon-populations/>

Species May Be Listed as Threatened Based on Climate Change Projections Courts Says

The state of Alaska, oil company groups and Alaskan natives had challenged a decision by the federal government to list a sea ice seal subspecies as threatened and deserving of protection. © Los Angeles Times, 10/24/16.

<http://www.latimes.com/local/lanow/la-me-species-climate-projections-20161024-snap-story.html>

Arctic Indigenous Leaders From Alaska, Russia, and Canada to Make Historic London Address on Impacts of Arctic Ocean Shipping

Six arctic indigenous leaders from Alaska, Canada, and Russia will travel to London next week to address the International Maritime Organization (IMO) regarding the impacts of shipping in the Arctic on indigenous communities. © The Arctic Journal 2008-2016, 10/19/16.

<http://arcticjournal.com/press-releases/2635/arctic-indigenous-leaders-alaska-russia-and-canada-make-historic-london-address>

Adapting to Climate Change on Tribal Land Explored at Upcoming Summit

University of Nevada Cooperative Extension presents the second annual Native Waters on Arid Lands Tribal Summit, Nov. 9-10 in Las Vegas. The purpose of the summit is to help tribal communities in the Great Basin and American Southwest adapt to climate change, with a focus on water resources and agriculture. © 2016 University of Nevada, 10/19/16.

<http://www.unr.edu/nevada-today/news/2016/2016-native-waters-tribal-summit>

Shailene Woodley Urges Clinton To Be Firmer on Climate Change

Woodley — who was recently arrested for protesting a contentious North Dakota oil pipeline project — says Hillary Clinton has to double down on climate change policy in order to attract more millennial voters. The “Divergent” actress joined former presidential contender Bernie Sanders for the Friday broadcast of “Late Night with Seth Meyers” to discuss the Dakota Access Pipeline and activism in general. © 2016 NYDailyNews.com, 10/15/16.

<http://www.nydailynews.com/entertainment/tv/shailene-woodley-urges-clinton-firmer-climate-change-article-1.2831438>

‘Dangerous’ Move by Climate-Change Activists Cuts Off Pipeline Flow From Canada to U.S.

Climate-change activists on Tuesday disrupted the flow of millions of barrels of crude from Canada to the United States in rare, coordinated action that targeted several key pipelines simultaneously. © 2016 CBC/Radio-Canada, 10/12/16.

<http://www.cbc.ca/news/business/pipeline-cutoff-protest-1.3800926>

Climate Change Impacts on Menominee Nation’s Forest Home Focus of NSF Funding

A Native American tribal nation in Wisconsin faces cultural and economic challenges as climate change impacts its forest home. A \$1.7 million grant from the National Science Foundation will study this relationship and how it could inform decision-making about forest management. © The Pennsylvania State University 2015, 10/10/16.

<http://www.cbc.ca/news/business/pipeline-cutoff-protest-1.3800926>

The Salmon People at Risk: What Climate Change Means for the Puyallup Tribe

“The Puyallup people are a river people, we are a salmon people. The loss of salmon because of climate change and the temperatures rising in the rivers and the loss of habitat along the river banks really does impact us as Puyallup people.”

Annette Bryan, Puyallup Tribe. Video: 5min 03sec. © 2016 Irinspire.com, 10/06/16.

<https://irinspire.com/2016/10/04/the-salmon-people-at-risk-what-climate-change-means-for-the-puyallup-tribe/>

NM High Court Accepts Climate Change Brief in San Juan Case

The New Mexico Supreme Court has accepted a brief on climate change filed by 38 organizations, the latest pivot in the labyrinthine San Juan Generating Station case that has been ongoing for three years. PNM agreed to close the units as part of a settlement with the Environmental Protection Agency aimed at reducing air pollution in the Four Corners area. © 2016 Albuquerque Journal, 10/05/16.

<https://www.abqjournal.com/853570/nm-high-court-accepts-climate-change-brief-in-san-juan-case.html>

How Louisiana is Relocating a Community Threatened by Climate Change

Isle de Jean Charles, Louisiana, a small coastal island in the Gulf of Mexico, is currently the site of a far-reaching experiment that may shape how the government, at every level, thinks about one of the looming issues of climate change: resettlement. With flooding threatening many parts of the coast, including massive population centers, the question of how the government manages the relocation of its citizens, as well as landmarks and historic sites, takes on added urgency. © 2016 Vox Media, Inc., 09/29/16.

<http://www.curbed.com/2016/9/29/13109948/climate-change-refugees-resettlement-louisiana>

Arctic Indigenous Leaders Share Priorities in Advance of White House Arctic Science Ministerial

Moved by what he had seen in the Arctic, President Obama called for the convening of the first-ever Arctic Science Ministerial, to discuss Arctic research and drive forward the pace of international efforts to understand climate effects in the Arctic region. Tomorrow, delegations from 25 governments will meet in the White House to discuss how to respond to Arctic-science challenges; strengthen Arctic observations and data-sharing; expand regional resilience; and incorporate Arctic science in STEM education. © 2016 The White House. 09/27/16.

<https://www.whitehouse.gov/blog/2016/09/27/arctic-indigenous-leaders-share-priorities-advance-white-house-arctic-science>

Conference at Haskell Explores How Climate Change Affects American Indians

Indigenous scholars and stakeholders from across the United States are convened at Haskell Indian Nations University this week for a conference on climate change. "Climate Changed: Reflections on Our Past, Present and Future Situation" is the title of the gathering of the Indigenous Peoples Climate Change Working Group, which was established 10 years ago at Haskell © 2016 The World Company, 09/22/16.

<http://www2.ljworld.com/news/2016/sep/22/conference-haskell-explores-how-climate-change-imp/>

First Nations Across North American Sign Treaty Alliance Against the Oilsands

The document, called the Treaty Alliance Against Tar Sands Expansion, commits its signatories to assist one another when called upon in the battle against oilsands expansion, and to work in partnership to move society towards more sustainable lifestyles. By aligning themselves with other Indigenous nations across Canada and the northern U.S., participants hope to ensure that dangerous projects are not able to "escape" by using alternative routes. © Observer Media Group 2016, 09/22/16.

<http://www.nationalobserver.com/2016/09/22/news/first-nations-across-north-america-sign-treaty-alliance-against-oilsands>

Resources

Article: Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics. 2016.

<http://www.nrs.fs.fed.us/pubs/52760>

Book: This Changes Everything

Author Naomi Klein, tackles the most profound threat humanity has ever faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day. 2016.

<http://www.ncdc.noaa.gov/temp-and-precip/state-temps/>

Climate Change Adaptation: Traditional Knowledge of Indigenous Peoples Inhabiting the Arctic and Far North (UNESCO)

This website has been developed by the UNESCO Institute for Information Technologies in Education within a project "A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions" funded by the UNESCO Intersectoral Platform "UNESCO's contribution to climate change mitigation and adaptation". It contains multimedia modules with interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia. 2016.

https://iite.unesco.org/courses/climate_change/en/index.html

Video: Climate Change and Your Health (Western North Carolina Public Radio)

WCQS's Helen Chickering talks with a physician who is spending the second half of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec. 08/2016.

<http://wcqs.org/post/climate-change-and-your-health#stream/0>

Video: Red Power Energy

Tribal lands are the microcosm of today's controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture verse progress, poverty verse new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana, Wyoming and Colorado. 2016.

<http://www.rmpbs.org/redpowerenergy/>

Other Items of Interest

Americorps VISTA & Tribal Resilience (AIHEC)

American Indian High Education Consortium is seeking Tribal Colleges & Universities to host full-time, college-educated, Volunteers in Service to America (VISTAs) through the TCU VISTA Program. VISTAs can help provide capacity for community-driven projects that address pressing local climate change concerns.

<http://www.gobridgenet.org/>

Call for Student Climate Justice Abstracts (Environmental Justice: Interagency Working Group)

The *Educate, Motivate and Motivate (EMI) Climate Justice Initiative* is seeking abstracts that address resiliency, adaptation, and mitigation. Students should emphasize the relationships between climate change and the following: public health, cultural and traditional practices, economic development, and environmental justice communities. **Deadline: 11/14/16.**

<https://www.youtube.com/watch?v=liHpESIFOqE>

Job Announcement: Organizing Hub and Membership Coordinator (US Climate Action Network)

The position will coordinate and manage the USCAN Organizing Hub, coordinate USCAN's small grants funding program, and manage the membership process. The person will coordinate and manage the hub: a training, peer learning and resource-sharing space for climate organizers around the country. **Deadline: 11/10/16.**

<http://www.usclimatenetwork.org/about-us/were-hiring>

Spring/Summer 2016 K-12 BIE/BIA Tribal Student Climate Change Photo Contest (BIE/BIA)

Using a classroom or cell phone camera, take a picture of things of value in your community that climate change might affect, include a climate caption, and submit the photo or questions by e-mail. **Deadline: 11/30/16.**

<http://www.indianaffairs.gov/cs/groups/webteam/documents/document/idc1-032906.pdf>

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 maintained by the Pacific Northwest Tribal Climate Change Project at the Univ. of Oregon: <http://tribalclimateguide.uoregon.edu/>

Agriculture and Food Research Initiative Competitive Grants Program (USDA)

This RFA available funding to support research to facilitate the adaptation of agroecosystems and natural resource systems to climate variability and the implementation of mitigation strategies. Applicants can apply to two program areas: "Climate and Land-Use," which aims to develop agricultural programs resilient to the effects of climate change, and "Climate Masters Outreach and Extension," which aims to conduct community-based educational outreach for better understanding of climate, extreme weather events, energy, conservation, preparedness, and the impact of informed decision-making. Eligibility includes federally recognized tribes. Funding opportunity # USDA-NIFA-AFRI-005942. **Deadline: 11/17/16.**

<https://nifa.usda.gov/sites/default/files/rfa/FY2016%20AFRI%20Agriculture%20and%20Natural%20Resources%20Science%20for%20Climate%20Variability%20and%20Change%20Challenge%20Area.pdf>

Fiscal Year 2017 National Environmental Information Exchange Network Grant Program (EPA)

The Exchange Network Grant Program provides funding for projects that develop the technologies to share data among partners or otherwise make these data available to the agency personnel, the public, and/or other communities of interest.

The grant program also funds the development of underlying shared and/or reusable services (e.g., network security) that provide the foundation for Network operations. Eligibility includes federally recognized Indian tribes. Funding opportunity # EPA-OEI-17-01. **Deadline: 11/18/16.**
<http://www.grants.gov/web/grants/search-grants.html>

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18 of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the farm to school mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. **Deadline: 12/08/16.**
<http://www.grants.gov/view-opportunity.html?oppld=288870>

2017 Saltonstall-Kennedy Competitive Research Program (Dept. of Commerce)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. **Deadline: 12/09/16.**
<http://www.grants.gov/web/grants/search-grants.html>

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities, tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1)). **Deadline: 12/20/16.**
<http://www.grants.gov/web/grants/search-grants.html>

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program (FY 2017 (BOR))

The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes or tribal organizations. Funding opportunity #BOR-DO-17-F003. **Deadline: 01/05/16.**
<http://www.grants.gov/web/grants/search-grants.html>

FY17 Coral Reef Conservation Program, Domestic Coral Reef Conservation Grants (NOS, NOAA, Department of Commerce)

This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. **Deadline: 01/11/17.**
<http://www.grants.gov/web/grants/search-grants.html>

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. **Deadline: 01/12/17.**
<http://www.grants.gov/web/grants/search-grants.html>

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA)

Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. **Deadline: 01/30/17.**
<http://www.grants.gov/web/grants/search-grants.html>

Upcoming Events

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

<http://www7.nau.edu/itep/main/tcc/Home/Events>

November 2016

Conference: 25th Annual Cal-IPC Symposium

November 02-05, Yosemite National Park. Offered by the California Invasive Plant Council. Special sessions will focus on park stewardship in honor of the National Park Service's Centennial, including an opening plenary talks and natural resource managers will discuss how invasive plant control can find common ground with protection of cultural resources, fire protection, and wilderness designation.

<http://www.cal-ipc.org/symposia/index.php>

Webinar: Effects of Sea-level Rise on Pacific Coast Tidal Marshes Along a Latitudinal Gradient

November 03, 2:00-3:00 p.m. Offered by the CALCC & NPLCC. Dr. Karen Thorne will present sea-level rise ecological response models for sixteen tidal marshes along the Pacific Coast from Puget Sound, Washington to Southern California.

<http://www.californialcc.org/webinars/effects-sea-level-rise-pacific-coast-tidal-marshes-along-latitudinal-gradient>

Webinar: Predicting Climate Change Impacts on Big Sagebrush Populations: Diverse Models Project Similar Response to Rising Temperatures

November 04, 11:00-12:00 p.m. (MST). Offered by the GBLCC. Models largely agree that rising temperatures will decrease sagebrush cover and biomass in the warmest portions of the region, but increase sagebrush in cool locations. Our presentation will discuss the strengths and weaknesses of each modeling approach and synthesize our current understanding of how sagebrush sensitivity to climate change varies across the region.

<https://attendee.gotowebinar.com/register/5958952075928173828>

Conference: Resilience Emerging From Scarcity and Abundance

November 06-09, Phoenix, AZ. Offered by the ASA, CSSA and SSSA. This annual meeting is one of the few gatherings that brings together more than 4,000 scientific leaders from industry, government agencies, and academic institutions in one unique environment. It's the premiere opportunity for professionals working in the agronomic, crop, soil, and related sciences to hear about the latest research, meet and learn from their peers, expand their knowledge base, and take advantage of an abundance of networking opportunities to enhance their career.

<https://www.acsmeetings.org/>

Training: Communicating Science - Distilling Your Message

November 07-09, 8:00 - 5:00 p.m. Offered by the LCC Network. Learn to communicate more effectively about science with people outside your field, including the general public, policy makers, the media, donors, and prospective collaborators in other disciplines.

<https://lccnetwork.org/event/communicating-science-distilling-your-message>

Conference: 2nd Annual Native Waters on Arid Lands Tribal Summit

November 09-10, Las Vegas, NV. Offered by the USDA and NIFA. Native Waters on Arid Lands project 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: Inter-Tribal Climate Adaptation Leadership Summit

November 10, 9:00 a.m. - 4:30 p.m. Hopland, CA. Offered by the CALCC, Federated Indians of Graton Rancheria, and Kashaia Band of Pomo Indians. This is the second of three workshops to build tribal capacity to incorporate Climate Smart adaptation strategies into project planning and resource management. A Climate Change Adaptation Template will be provided during the session to discuss the nuts and bolts of a completed plan. Breakout sessions related to specific tribal concerns and how to address these issues will also be conducted.

<http://www.californialcc.org/news-events/events>

Conference: 2016 AWRA's Annual Conference

November 13-17, Orlando, FL. Offered by the AWRA. With a reputation as one of the most topically diverse and inclusive conferences covering the broad field of water resources, the AWRA Annual Conference connects attendees to all of the vital conversations happening in and around all water resources disciplines.
<http://www.awra.org/meetings/Orlando2016/index.html>

Conference: 7th Annual Northwest Climate Conference

November 14-17, Stevenson, WA. The annual NW Climate Conference is the region's premier opportunity for a cross-disciplinary exchange of knowledge and ideas relating to climate impacts and adaptation
<http://pnwclimateconference.org/>

Conference: Office of Indian Energy Program Review

November 14-17, Denver, CO. Offered by the U.S. DOE Office of Indian Energy, this annual Program Review is a tremendous opportunity for Indian tribes to meet, share information, and learn from other Indian tribes that are pursuing energy sufficiency through energy efficiency and/or renewable energy development, and to share in each other's successes. The 2016 Program Review will feature project status updates from tribes across the nation who are leveraging Office of Indian Energy grant funding to deploy energy efficiency and renewable energy technologies and those entities developing an inter-tribal technical assistance energy network.
<http://www.energy.gov/indianenergy/events/office-indian-energy-program-review>

Training: Do No Harm 2016 Workshop

November 15, Davis, CA. Offered by the UC-ANR, UC Davis, and UC Riverside. Long term objectives are to address a different topic in restoration annually that is both expedient and practicable. This year we focus on the use of non-local plant materials in restoration activities to: 1) Identify stumbling blocks to achieving ecologically and economically successful restoration of disturbed lands in California; 2) Bring experts, practitioners, suppliers, and policy makers together to develop best management practices to overcome these obstacles. http://ucanr.edu/sites/UC_ANR_Do_No_Harm/

Webinar: Framework for selecting climate models for impacts studies in the Northeast

November 16, 3:30-4:30 p.m. EST. Offered by the NE-CSC. Decisions pertaining to the management of natural resources in a changing climate rely heavily on climate change projections produced by dynamical models. While it is difficult to pick 'best' climate models from the climate modeling perspective, the impacts community is typically interested in using a handful of models in impacts research due to enormous computational and data storage costs.
<http://necsc.umass.edu/webinars/framework-selecting-climate-models-impacts-studies-northeast>

Webinar: An Integrated Ecosystem Model of the South Atlantic Bight

November 17, 11:00 - 12:00 p.m. Offered by the South Atlantic LCC. Tom Okey of the University of Victoria is the featured speaker of this month's Third-Thursday Web Forum.
http://www.southatlanticlcc.org/wp-content/uploads/2016/09/ThirdThursdayWebForumFlyer_Fall2016-1.pdf

Webinar: North Central U.S. Climate Summary and Outlook Webinar

November 17, 1:00-2:00 p.m. CDT. Offered by the High Plains RCC. The focus of these presentations is the north central portion of the U.S. that generally stretches from the Great Lakes/Ohio River Basin to the Rockies. There will be time at the end of the presentation for questions. Please note, you need only to sign up once for all of the 2016 monthly webinars.
<https://www.drought.gov/drought/calendar/events/north-central-us-climate-summary-and-outlook-webinar-sept-15>

Webinar: Projected expansion of the Southern Pine Beetle into Northern Forests

November 30, 3:30-4:30 p.m. EST. Offered by the NE-CSC. Radley Horton is an associate research scientist at the Center for Climate Systems Research at Columbia University. His research focuses on extreme weather events, the limitations of climate models, and adaptation to climate change. He currently teaches in Columbia University's Sustainable Development department.
<http://necsc.umass.edu/webinars/projected-expansion-southern-pine-beetle-northern-forests>

Training: Ocean Acidification "State of the Science"

November 30 - December 01, Anchorage, AK. Offered by the NW-CSC. This is a 2-day workshop in Anchorage, inviting a broad audience across the state interested in ocean acidification issues.
<https://www.nwclimatescience.org/events/ocean-acidification-state-science>

December 2016

Conference: 8th National Summit on Coastal and Estuarine Restoration

December 10-15, New Orleans, LA. Offered by the Restore America's Estuaries and The Coast Society. This annual summit brings together the restoration and coastal management communities for robust discussions that explore critical issues, solutions and lessons learned that face our nation's coasts and estuaries.

<https://www.estuaries.org/Summit>
January 2016

Conference: California Climate Change Symposium

January 25-26, Sacramento, CA. Offered by the CalEPA, CANRA and Governor's Office of Planning & Research. This symposium is the premier forum for the sharing of cutting-edge research addressing the impacts of climate change on the state. This research informs the state's strategies and policies to reduce greenhouse gas emissions and to develop programs to safeguard California from a changing climate.

http://www.californiascience.org/?utm_source=Newsletter%2010.26.16&utm_campaign=Newsletter&utm_medium=email

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