



NORTHERN ARIZONA  
UNIVERSITY



Institute for Tribal Environmental Professionals

## ***Tribal Climate Change Newsletter*** ***August/September 2017***

*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***



*The San Juan Islands obscured by wildfire smoke: Fidalgo Island, WA.  
Photo credit: Fletcher Wilkinson*

Ya'at'eeh everyone!

It's been a busy summer and fall has officially arrived. At ITEP, we are keeping busy planning our 2018 training and webinar schedule. Please keep posted to upcoming events and webinars, including the upcoming webinar "Food Sovereignty & Climate Resilience" (Oct TBD), at:  
<http://www7.nau.edu/itep/main/tcc/Training/Webinars>

Speaking of busy, August found us in Presque Isle, Maine for the Climate Change Adaptation Training workshop hosted by the Fred Corey and Dena Winslow of the Aroostook Band of Micmacs. We had representatives from 12 tribes, and amazing instruction given by Bull Bennett of Kiksapa Consulting, LLC, Tansey Smith of 1854 Treat Authority, Keith Nislow of the Northern Research Station, & Dave Hollinger of USDA NE Regional Climate Hub. We are grateful for a wonderful learning and bonding experience with our relatives in the Northeast.

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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/)

Next, September brought ITEP's 25<sup>th</sup> Anniversary celebration with a keynote speech by Winona LaDuke coinciding with the 14<sup>th</sup> Biennial Conference on Science & Mgt. on the CO Plateau & SW Region, and gathering of steering committees from TAMS and NTAA. Then we moved onto the University of San Diego for the 2017 SW Tribal Climate Change Summit where over 160 tribal and non-tribal attendees from across nation & SW region came together over the concern of climate change impacts on tribal lands and resources. We are grateful to our partners in putting the Summit together specifically the La Jolla Band of Luiseno Indians, Climate Education Partners (CEP), & Climate Science Alliance (CSA)! Thank you!

As busy as we are, we are ever grateful for you, our partners and supporters, who make our work possible and necessary. We host trainings and webinars, attend conferences, and are consistently updating our tools and resources for you. *We sincerely enjoy our work! Thank You!*

-Nikki, Karen, Fletcher and Colleen

## *In The News*

### **Audio: Playwright Puts Climate Change on the Stage**

Mary Kathryn Nagle, a lawyer, playwright, and citizen of the Cherokee Nation of Oklahoma says, "I think it's important to listen to Native people when it comes to climate change and environmental issues because this isn't new to us. We have—since before 1492—known that protecting the environment is important and critical to the generations that come." © 2010–2017, The Conversation US, 10/03/2017.

<https://www.yaleclimateconnections.org/2017/10/playwright-puts-climate-change-on-the-stage/>

### **Art Starts a Dialogue on Climate Change at the MFA**

Through the artwork, panelists discussed human involvement in the intersection of climate change and racism in order to brainstorm how Boston communities can approach climate change solutions. Kristen Wyman, a member of the Nipmuc tribe of Massachusetts and a lead mentor at Gedakina, a nonprofit that connects Native American youth and families across New England, introduced the issue of land ownership and said how that issue, along with race have been intertwined for centuries. © 2017 Boston University, 09/30/2017

<http://grist.org/briefly/states-keep-cutting-carbon-despite-federal-inaction/>

### **Climate Change Summit Bridges Western Science with Tradition[a] Views of Nature**

Indigenous environmental science professionals have found that when it comes to climate change, there's traditional knowledge and Western science, and both are needed. More than 100 attendees gathered for the inaugural Northwest Tribal Climate Summit: Holistic Planning for Climate Change held at Salish Kootenai College hosted by the Confederated Salish and Kootenai Tribes Division of Environmental Science. © 2017 Char-Koosta News, 09/28/2017.

[http://www.charkoosta.com/2017/2017\\_09\\_28/2017\\_Climate\\_change\\_summit.html](http://www.charkoosta.com/2017/2017_09_28/2017_Climate_change_summit.html)

### **Sue Lani Madsen: Despite Climate Change Disagreement, We Need Common Ground to Battle Wildfire**

At the Spokane Public Radio's annual thank you event for underwriters and volunteers, panelists, Peter Goldmark, former Washington state commissioner of public lands, and Cody Desautel, natural resource director for the Confederated Tribes of the Colville Indian Reservation taped a segment for "On Point" with Tom Ashbrook. © 2017 The Spokesman-Review, 09/25/2017.

<http://www.spokesman.com/stories/2017/sep/24/sue-lani-madsen-despite-climate-change-disagreement/#/0>

### **Leonardo DiCaprio Foundation Awards \$20 Million**

These grants will go towards things like wildlife and habitat conservation, defense of indigenous rights, and overall combating climate change. © 2017 Celebrity Net Worth, 09/25/2017.

<https://www.celebritynetworth.com/articles/celebrity/leonardo-dicaprio-foundation-awards-20-million/>

### **In Montana's Indian Country, Tribes Take Opposite Sides on Coal**

U.S. Interior Secretary Ryan Zinke and Vice President Mike Pence took a horseback tour in May of a Montana coal mine belonging to the Crow Nation. They posed for photos with tribal leaders and declared an end to the U.S. government's "war on coal." The trip annoyed leaders of the neighboring Northern Cheyenne - a Native American tribe that chooses not to mine its coal reserves for environmental reasons. Zinke's department had ignored their requests for a meeting before its March

decision to lift a coal-mining moratorium on federal lands, tribal leaders said. © 2017 Reuters, 09/20/2017.  
<http://www.reuters.com/article/us-usa-trump-energy-tribes-insight-idUSKCN1B10D3>

### **Tribes Commit to Uphold Paris Climate Agreement**

The Swinomish Indian Tribal Community started planning for climate change a decade ago. Located on the southeastern peninsula of Fidalgo Island on Puget Sound in Washington, the reservation is surrounded by water and at high risk for sea-level rise. A destructive 100-year storm event in 2006 led tribal leaders to research and fund climate programs, and the Swinomish became the first tribal nation to adopt a climate adaptation plan. So, when President Donald Trump announced his decision to withdraw the U.S. from the United Nations' Paris climate agreement, the Swinomish reacted swiftly and, together with other tribes, publicly committed to uphold the accord. © 2017 The Journal, 09/20/2017.  
<https://the-journal.com/articles/66645>

### **Tribes Might Push Their Own Carbon Tax Initiative in 2018. "We are Running out of Time"**

Tribal leaders might forge ahead with their own plan to tax carbon emissions in Washington state, breaking away from another group that's working on a statewide carbon-tax initiative for the November 2018 ballot. © 2017 The News Tribune, 09/16/2017.  
<http://www.thenewstribune.com/news/politics-government/article173649406.html>

### **Four Tribal Colleges Receive "Toyota TCU STEM Award" from American Indian College Fund**

A program that encourages American Indians to pursue STEM education and environmental research earned Southwestern Indian Polytechnic Institute (SIPI) in Albuquerque, N.M. the 'Toyota TCU STEM Award' grand prize. SIPI received a Toyota vehicle and \$5,000 to offset maintenance and insurance costs. SIPI was also chosen for the award to allow it to continue its research on the impact of climate change on watershed areas in the Southwest; ecological research on plants and animals in biome transition zones; studying and forecasting the future of dry lands; and research, education and outreach on the reactivity of abandoned uranium mine waste in New Mexico. © 2017 GlobeNewswire, Inc, 08/17/2017  
<http://www.globenewswire.com/news-release/2017/08/17/1088250/0/en/Four-Tribal-Colleges-Receive-Toyota-TCU-STEM-Award-from-American-Indian-College-Fund.html>

### **Gulf Coast Land Loss Threatens Food Sovereignty**

Native Americans living along Louisiana's ragged Gulf Coast are some of the first communities in North America hit by land loss and severe flooding caused, in part, by climate change. It's put a pinch on gardening, grazing and trapping for the Pointe-au-Chien tribe and others across the region. For centuries, native people lived together and fed themselves. Now their homes and traditional ways of eating are under threat. © 2017 Newsworks, 08/17/2017.  
<http://www.newsworks.org/index.php/local/the-pulse/106098-gulf-coast-land-loss-threatens-food-sovereignty>

### **Catherine McKenna Studies Inuit Culture, Climate Change During Her Visit to Inuit-led National Park**

During her visit to the Torngat Mountains -- ancestral home of the Labrador Inuit and managed by Inuit staff -- she was accompanied by Natan Obed, president of the national Inuit organization, Inuit Tapiriit Kanatami. Inuit Tapiriit Kanatami is a nonprofit organization in Canada that represents over 60,000 Inuit and works to improve their health and wellbeing through research, advocacy, public outreach and education. © 2017 Indiablooms.com, 08/12/2017.  
[https://indiablooms.com/ibns\\_new/world-details/USN/12393/catherine-mckenna-studies-inuit-culture-climate-change-during-her-visit-to-inuit-led-national-park.html](https://indiablooms.com/ibns_new/world-details/USN/12393/catherine-mckenna-studies-inuit-culture-climate-change-during-her-visit-to-inuit-led-national-park.html)

### **'This Will Bridge that Gap': National Gathering of Elders Reaches Out to Youth**

The organizers of Canada's first ever National Gathering of Elders hope the summit—which brought people from 623 First Nation, Metis and Inuit groups to Edmonton—will help young people connect with their culture in new ways. © 2017 Free Daily News Group, Inc., 08/11/2017.  
<http://www.metronews.ca/news/edmonton/2017/09/11/this-will-bridge-that-gap-national-gathering-of-elders-reaches-out-to-youth.html>

### **Teens are Suing the U.S. Government Over Climate Change**

Jaime Lynn Butler, a 16-year-old rising junior at Colorado Rocky Mountain School in Carbondale, Colorado, tells *Teen Vogue* that she got her first taste for activism from her family. Growing up on the Navajo Nation reservation in Arizona, they'd joined their tribe in defending its water rights. Now, Jaime is one of 21 young people who are suing the federal government for promoting measures that harm the environment, like allowing fossil fuel extraction, which has caused carbon emissions to "dangerously increase," and subsidizing the fossil fuel industry. The group is made up of people ages 9 to 21, and they hope to claim what they say is a constitutional right to a healthy climate. © 2017 TeenVogue, 08/07/2017.  
<https://www.teenvogue.com/story/teens-are-suing-the-us-government-over-climate-change>

### **PG&E Awards \$200,000 in Grants to Support Local Climate Change Resilience Planning**

PG&E will award \$100,000 each to the University of California, Merced, and the Karuk Tribe of California for projects designed to help communities prevent and prepare for increasing wildfire risk through building healthy and resilient forests

and watersheds. © 2017 Business Wire, Inc., 08/07/2017.

<http://www.businesswire.com/news/home/20170906006561/en/PGE-Awards-200000-Grants-Support-Local-Climate>

#### **Audio: A Native American Tribe is Helping a Forest Adapt to Climate Change**

In the Northwoods of Wisconsin, members of the Menominee Tribe are logging acres of trees. They're trying to stop the spread of a disease called Oak wilt. But instead of just replanting oaks, in some places, the tribe's foresters are planting non-local species. 1min and 30sec. © 2017 Yale Climate Connections, 08/07/2017.

<https://www.yaleclimateconnections.org/2017/09/a-native-american-tribe-is-helping-a-forest-adapt-to-climate-change/>

### **Resources**

#### **Estimating Economic Damage from Climate Change in the United States**

Episodes of severe weather in the United States, such as the present abundance of rainfall in California, are brandished as tangible evidence of the future costs of current climate trend. Hsiang *et al.* collected national data documenting the responses in six economic sectors to short-term weather fluctuations. S. Hsiang, *et al.* 06/30/2017.

#### **Model Development for Climate-Driven Impacts to Berry Resources in Alaska**

USGS scientists Rachel Loehman, Nicole Herman-Mercer, and AK CSC's Ryan Toohey worked with partners from the Chevak Traditional Council and Kotlik Tribal Council to collect local ecological and spatial data from long-term residents of the Yukon-Kuskokwim Delta, Alaska, as part of a project to develop ecological models and vulnerability assessments for climate-driven impacts to berry resources in the region. Maps and models from this project are expected to be available in early 2018.

<https://csc.alaska.edu/research-highlights/model-development-climate-driven-impacts-berry-resources-alaska>

#### **The Importance of Research Ethics to Native Communities**

The new Common Rule revisions modernize, simplify, and enhance oversight for human subjects research in the United States. Under the Common Rule, the Institutional Review Board is intended to review and approve research involving human subjects, protecting their rights and welfare. 06/08/17.

<https://www.hhs.gov/blog/2017/06/08/importance-research-ethics-native-communities.html>

#### **Report: Inuvialuit Traditional Knowledge of Wildlife Habitat on the Yukon North Slope**

The Inuvialuit of the Yukon North Slope have formed a Wildlife Advisory Council, a co-management body, comprised of federal, territorial, and Inuvialuit representatives, and they are working closely with researchers from the Round River Organization to develop a management plan that reflects how the Inuvialuit use Arctic resources and their understanding of seasonal habitat use by fish and wildlife. This process for integrating Traditional and Western science in the Inuvialuit Settlement Area will provide an important example for how other scientists and managers can work with native communities to fulfill the need for wildlife and management plans in other places. 07/12/2017.

[http://arcticlcc.org/assets/products/ALCC2016-01/reports/Inuvialuit\\_Wildlife\\_Habitat\\_TK\\_Final\\_Report\\_20170712.pdf](http://arcticlcc.org/assets/products/ALCC2016-01/reports/Inuvialuit_Wildlife_Habitat_TK_Final_Report_20170712.pdf)

### **Other Items of Interest**

#### **The 1854 Ceded Territory Climate Change Vulnerability Assessment and Adaptation Plan receives the 2017 Climate Adaptation Leadership Award for Natural Resources**

The 1854 Treaty Authority, Grand Portage Band of Lake Superior Chippewa, Boise Forte Band of Chippewa, and Fond du Lac Band of Lake Superior Chippewabean, who developed the plan, were recognized for their work in the Tribal Government category for "demonstrating exemplary leadership in reducing climate-related threats and promoting adaptation of the nation's natural resources." Congratulations!

#### **Another US Agency Deletes References to Climate Change on Government Website**

The National Institutes of Health deleted multiple references to climate change on its website over the summer, continuing a trend that began when the Trump administration took charge of the dot.gov domain. The changes were first outlined in a report by the Environmental Data and Governance Initiative (EDGI), which has been using volunteers to track changes to roughly 25,000 pages across multiple government agencies since Trump took office. EDGI counted five instances in which the term "climate change" was changed to simply "climate" on the National Institutes of Health (NIH) site. © 2017 Guardian News, 08/23/2017.

<https://www.theguardian.com/us-news/2017/aug/23/us-government-agency-climate-change-references-removed-again>

#### **Climate Change Drives Solomon Islands' People of the Sea Ashore**

Locals say the 'wane i asi' or people of the sea, first built the islands some 18 generations ago - dating them back to the 17th century - to evade the mosquitoes and disease of the mainland, to be closer to the water that provides them with fish

and, some say, to avoid conflict with the 'wane i tolo', or people of the bush. Since then, the 'wane i asi' have constantly repaired and rebuilt their islands. But now, a practice that has sustained them for hundreds of years is becoming a losing battle. © 2017 Deutsche Welle, 10/02/2017.

<http://www.dw.com/en/climate-change-drives-solomon-islands-people-of-the-sea-ashore/a-40777201>

#### **Former FEMA Chief: It's Not About Climate Change Anymore, 'it's' About Climate Adaptation**

Craig Fugate, a former director of the Federal Emergency Management Agency, said that the nation's response to natural disasters and storms is no longer about debating climate change, it's about climate adaptation." © 2017 Capital Hill Publishing Corp, 09/08/2017.

<http://thehill.com/blogs/blog-briefing-room/349785-former-fema-director-its-not-about-climate-change-its-about-climate>

## ***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/>

#### **Solicitation for Proposals for the Grant Program to Build Tribal Energy Development Capacity (TEDC) (DOE)**

Build tribal capacity for energy resource development or management under the Department of the Interior's Tribal Energy Development Capacity (TEDC) grant program. For this program, capacity building refers to developing organizational structures, business entity structures, or developing or enhancing regulatory functions, all related to tribal energy development for the purpose of strengthening tribal capacity for development and management of energy projects. Funding opportunity #: BIA-000-0007-TEDC. Eligibility includes federally recognized Native American governments. **Deadline:** 10/09/2017.

<https://www.grants.gov/web/grants/view-opportunity.html?opId=295312>

#### **Environmental Sustainability (NSF)**

The goal of the Environmental Sustainability program is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Research efforts supported by the program typically consider long time horizons and may incorporate contributions from the social sciences and ethics. The program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. Funding opportunity #: PD-17-7643. Eligibility is unrestricted. **Deadline:** 10/20/2017.

<https://www.grants.gov/web/grants/view-opportunity.html?opId=291959>

#### **Environmental Engineering (NSF)**

The goal of the Environmental Engineering program is to support transformative research which applies scientific and engineering principles to avoid or minimize solid, liquid, and gaseous discharges, resulting from human activities on land, inland and coastal waters, and air, while promoting resource and energy conservation and recovery. The program also fosters cutting-edge scientific research for identifying, evaluating, and monitoring the waste assimilative capacity of the natural environment and for removing or reducing contaminants from polluted air, water, and soils. Funding opportunity #: PD-17-1440. Eligibility is unrestricted. **Deadline:** 10/20/2017.

<https://www.grants.gov/web/grants/view-opportunity.html?opId=291988>

#### **Keepers of the Earth Fund (Cultural Survival)**

Cultural Survival is pleased to announce the Keepers of the Earth Fund (KOEf) call for Applications. The KOEf is a small grants fund that supports Indigenous values-based community development. Applications will be viewed with an eye toward innovation, Indigenous values woven into the design of the project, and projects addressing real-time development needs. The connection between Indigenous values and the proposed project should be clearly articulated. The primary purpose of the Keepers of the Earth Fund is to empower grassroots Indigenous communities in establishing their rights and retaining their traditional values. Eligibility includes indigenous-led projects. **Deadline:** 10/27/2017.

<https://www.culturalsurvival.org/programs/advocacy/koef>

#### **Flood Mitigation Assistance (FEMA)**

The Flood Mitigation Assistance (FMA) Program makes available Federal funds to State, Local and Tribal Governments to reduce or eliminate the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program (NFIP). In FY17, the FMA Program will prioritize proposals that address community flood risk by setting aside \$70 million for this purpose. FEMA will seek to fund two types of community flood mitigation activities: Advance Assistance for flood mitigation design and development of community flood mitigation projects and mitigation projects that



address community flood risk for the purpose of reducing NFIP flood claim payments. Funding opportunity #: DHS-17-MT-029-000-99. Eligibility includes federally recognized Native American tribal governments. **Deadline: 11/14/2017.**  
<https://www.grants.gov/web/grants/view-opportunity.html?opId=295313>

#### **Pre-Disaster Mitigation Grants (FEMA)**

The Pre-Disaster Mitigation (PDM) program makes available Federal funds to State, Local and Tribal Governments to implement and sustain cost-effective measures designed to reduce the risk to individuals and property from natural hazards, while also reducing reliance on Federal funding from future disasters. FEMA will provide allocations of \$575,000 as required by the Stafford Act to states and territories; and a tribal set aside of \$10 million for allocations up to \$575,000 for Native American Indian tribal governments to support overall mitigation planning and projects. Funding opportunity #: DHS-17-MT-047-000-99. Eligibility includes federally recognized Native American tribal governments. **Deadline: 11/14/2017.**  
<https://www.grants.gov/web/grants/view-opportunity.html?opId=295314>

#### **FY 2018 Species Recovery Grants to Tribes (DOC)**

This assistance, provided in the form of grants, can be used to support conservation of endangered, threatened, and candidate or proposed species, as well as post-delisting monitoring of recovered species. Proposals that address the recovery of one of the following critically endangered species are encouraged this year and will be considered a priority for funding: Gulf of Maine Atlantic salmon, white abalone, Cook Inlet beluga whales, Hawaiian monk seals, Pacific leatherback sea turtles, and southern resident killer whales. Funding opportunity #: NOAA-NMFS-PRPO-2018-2005302. Eligibility includes federally recognized tribes and organizations of federally recognized tribes. **Deadline: 11/01/2017.**  
<https://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>

#### **October 2017**

##### **Conference: 8th Annual Northwest Climate Conference**

October 10-11, Tacoma, WA. Offered by the UW Climate Impacts Group. This conference annually brings together more than 300 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.  
<http://pnwclimateconference.org/>

##### **Conference: Natural Areas Conference**

October 10-12, Fort Collins, CO. Offered by the Natural Areas Association. The 44<sup>th</sup> annual conference will be held at the Hilton Fort Collins, on the edge of the Colorado State University Campus. Colorado's natural areas offer numerous models for successful conservation and collaboration, including the Fort Collins Natural Areas Program, which manages more than 36,000 acres. The event will include sessions on; managing in light of climate change, ecological restoration in the Anthropocene, use of native plant materials, managing for pollinators, and wildland fire use.  
<http://www.naturalareasconference.org>

##### **Conference: Behavior, Energy & Climate Change Conference**

October 15-18, Sacramento, CA. Offered by ACEEE, BECI and Stanford University. This conference is focused on understanding the behavior and decision-making of individuals and organizations and using that knowledge to accelerate our transition to an energy-efficient and low-carbon future.  
<http://beccconference.org/>

##### **Conference: Riparian Summit 2017**

October 17-19, University of California-Davis. Offered by the Agricultural Sustainability Institute at UC Davis & the UC Davis Information Center for the Environment. The 3-day Summit provides an opportunity to share knowledge from multiple communities on the science, community values, and strategies for managing, protecting, and restoring California's riparian corridors. It will feature plenary sessions, concurrent sessions, an art and science component, and opportunities for field activities.  
<https://ripariansummit.ucdavis.edu/>

##### **Conference: 2017 Tribal Environmental Health Sciences Forum**

October 19-20, Chandler, AZ. Offered by the Southwest Environmental Health Sciences Center. You are invited to a tribal health science forum to address environmental health issues, to share successful resolution of community issues and to build capacity to respond to long-term and immediate environmental impacts on human health and our environment. This is

an open forum for tribal community members, educators, tribal environmental and health professionals, university professionals and students to explore and create action plans for the important environmental issues that impact the health of tribal communities.

<https://www.eventbrite.com/e/2017-tribal-environmental-health-sciences-forum-tickets-37053683565?aff=eac2>

**Training: Introduction to Geographic Information Systems (GIS)**

October 20-21. Offered by the Coastal Training Program: Elkhorn Slough. This course is an introduction to the concepts and application of Geographic Information Systems. The course presents conceptual and practical discussions of the analysis of spatial information with the addition of exercises using the ESRI ArcGIS suite of applications.

[http://www.elkhornsloughctcp.org/training/show\\_train\\_detail.php?TRAIN\\_ID=InZW54X](http://www.elkhornsloughctcp.org/training/show_train_detail.php?TRAIN_ID=InZW54X)

**Conference: California Invasive Plant Council Symposium**

October 24-27, Palm Springs, CA. Offered by the CIPC. Land managers, researchers, and conservationists will gather to learn about the latest in invasive plants from riparian, grassland, mountain, coastal, and aquatic/wetland habitats.

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

**Conference: Priorities for California's Water**

October 26, 8:30am - 12:30pm (pacific). Offered by the Public Policy Institute of California. This conference looks at issues that are front and center for managing California's water supply and natural environment, including legislative priorities for cities, farms, and rural communities; partnerships for healthy ecosystems; and critical decisions for the Colorado River and Sacramento-San Joaquin Delta.

Join PPIC Water Policy Center researchers and a diverse group of experts for a thought provoking discussion about policy priorities for the coming water year.

Please register in advance. There is no charge to attend, but space is limited. Breakfast and lunch will be provided.

<http://www.ppic.org/event/priorities-californias-water/>

**Conference: Southeast Assoc. of Fish & Wildlife Agencies Annual Conference 2017**

October 29 - November 01, Louisville, KY. Offered by the Kentucky Dept. of Fish & Wildlife. The annual conference is a forum for the exchange of ideas and critical information regarding the management and protection of fish and wildlife resources primarily in the southeast. The conference attracts over 500 representatives from state and federal agencies, citizen's organizations, universities, and private wildlife research groups, fisheries and wildlife scientists, agency enforcement personnel, and other natural resource related organizations.

<http://www.seafwa.org/conference/overview/>

**November 2017**

**Conference: University of San Diego: 9<sup>th</sup> Annual Climate & Energy Law Symposium**

November 03, San Diego, CA. Offered by Energy Policy Initiative Center & SD Journal of Climate Policy in the Trump Era. The transition from the Obama presidency to the Trump presidency marked a significant change in approaches to climate and energy policy. The current Administration has stated its intent to reverse much of current climate and energy policy and regulation. At the University of San Diego's Ninth Annual Climate & Energy Law Symposium, academic and policy experts will analyze and assess several aspects of this complex issue.

<https://www.eventbrite.com/e/university-of-san-diego-9th-annual-climate-energy-law-symposium-tickets-35490837049?aff=es2>

**Conference: Coastal Estuarine Research Federation**

November 05-09, Providence, RI. The conference program offers four days of timely, exciting and diverse information on a vast array of estuarine and coastal subjects. Presentations will examine new findings within CERF's traditional science, education and management disciplines and encourage interaction among coastal and estuarine scientists and managers. Additionally, the Scientific Program Committee plans to convene special sessions and workshops that promote intellectually stimulating discussions. Join us and over a thousand of your colleagues to network, celebrate our work, learn from each other and grow within our amazing profession.

<http://www.erf.org/cerf-2017-biennial-conference>

**Conference: 11<sup>th</sup> Graduate Climate Conference**

November 10-12, Woods Hole, MA. Offered by MIT Program in Atmospheres, Oceans & Climate and Woods Hole Oceanographic Institution. The goal is to provide a discussion forum for graduate students undertaking research on climate and climate change in an array of disciplines throughout the physical sciences, biological sciences, social sciences, and humanities. <http://gradclimateconf.mit.edu/>

**December 2017**

**Conference: Cultures Under Water: Climate Impacts on Tribal Cultural Heritage**

December 07-08, Tempe, AZ. Offered by the ASU Sandra Day O'Connor College of Law (Indian Legal Program). The goal is to share knowledge and resources with tribal representatives to respond to threats to cultural heritage by addressing: Is cultural heritage a human right, and why is tribal cultural heritage important? How does climate change impact tribal cultural heritage? How can tribal communities maintain cultural heritage in the face of changing climate risks? Attendees will participate in sessions that focus on identifying obstacles and proposing solutions to these challenges.

[http://conferences.asucollegeoflaw.com/climate-impacts/?j=889927&e=wendywang%40asu.edu&l=18829\\_HTML&u=30244601&mid=7201483&jb=0&utm\\_campaign=SFMC\\_ILP%20Climate%20Impacts%20Conference\\_Sandra%20Day%20O%E2%80%99Connor%20College%20of%20Law&utm\\_medium=email](http://conferences.asucollegeoflaw.com/climate-impacts/?j=889927&e=wendywang%40asu.edu&l=18829_HTML&u=30244601&mid=7201483&jb=0&utm_campaign=SFMC_ILP%20Climate%20Impacts%20Conference_Sandra%20Day%20O%E2%80%99Connor%20College%20of%20Law&utm_medium=email)

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