

# **Desert Landscape Conservation Cooperative**

---

## *Winter 2012 – Events and Information*

---

### **Summary**

#### **Funding Opportunities**

- The Environmental Protection Agency (EPA) is seeking grant proposals from eligible applicants to support environmental education projects
- The Water Environment Research Foundation (WERF) is seeking research that will focus on institutional issues and governance structures impacting established water, wastewater and stormwater management
- The Bureau of Reclamation is seeking proposals from non-Federal entities for its WaterSMART Water and Energy Efficiency Grant funding opportunity
- The Federal Highway Administration (FHWA) is soliciting proposals to conduct analysis in one of two areas related to climate change and extreme weather adaptation
- NOAA is currently soliciting applications for restoration projects that use a habitat-based approach to foster species recovery and increase fish production

#### **Training Courses**

- Addressing Climate-related Uncertainty for Natural Resource Management: ALC3192
- Climate Adaptation Planning

#### **Webinars**

- Climate Change Preparedness Planning in the West: Lessons from Local Governments
- Successfully Managing and Promoting Wind Power in America's Counties
- Transborder Winter Forecast/ Pronóstico de Invierno Transfronterizo
- Using Socioeconomic Data to Support Large Landscape Conservation
- Climate Adaptation Help Panel
- The Wheel of Change Toward Sustainability
- Renewable energy development and terrestrial and aquatic wildlife conservation: the new frontier
- Energy Efficiency Competitions for Local Governments
- Global Warming's Six Americas: Understanding and Communicating with a Diverse Public
- Learn how Tribes are Confronting Climate Change
- New Guidance on Energy Efficiency Program Evaluation: Calculating Energy & Emissions Impacts
- Materials Management through Sustainable Consumption: Public Perceptions and Sustainable Consumption
- Open Space Conservation Programs for Private Landowners from the Farm Bill and other sources

### Conferences, Meetings, and Workshops

- Energy Development on Tribal Lands
- Ecosystem Thresholds: Fire, Water, and Climate
- 2013 Climate Leadership Conference
- Climate Prediction Applications Science Workshop

### Plans and Reports

- National Park Service released its *Climate Change Action Plan*
- Western Governors Association released *Water Transfers in the West*
- Forest Service Wildlife & Fish Research coauthored *The Role of Landscape Connectivity in Planning and Implementing Conservation and Restoration Priorities*
- *The Biodiversity, Ecosystems and Ecosystem Services Technical input* into the 2013 National Climate Assessment
- The USFS's Research Stations recently released *Recent advances in applying decision science to managing national forests*
- USGS Western Ecological Research Center completed *Avian breeding demographic response to climate change: a multi-species and multi-landscape approach to synthesizing risk factors*
- USGS Western Ecological Research Center completed *Long-Term Data Clarifies Desert Tortoise Growth, Maturity and Survivorship Parameters*

### Funding Opportunity

The **Environmental Protection Agency** (EPA) is seeking grant proposals from eligible applicants to support environmental education projects that promote environmental stewardship and help develop knowledgeable and responsible students, teachers, and citizens.

Proposals must be received by **11:59 pm EST, Wednesday, December 12<sup>th</sup>, 2012.**

For more information, see <http://www.epa.gov/education/grants.html>

---

### Funding Opportunity

The **Water Environment Research Foundation** (WERF) is seeking research that will focus on institutional issues and governance structures impacting established water, wastewater and stormwater management, and will explore stakeholder-driven solution-sets (of green/gray infrastructure, centralized/decentralized operation and management, and resource recovery) that can drive utility adoption of a broader “One Water Paradigm”.

Proposals must be received by **4 pm EST, Monday, January 14<sup>th</sup>, 2013.**

For more information, see

[http://www.werf.org/i/Funding/Open\\_RFPs/c/zMiscellaneous/Requests\\_for\\_Proposa.aspx?hkey=05bda2a1-23af-4891-badf-815b2960d4f3](http://www.werf.org/i/Funding/Open_RFPs/c/zMiscellaneous/Requests_for_Proposa.aspx?hkey=05bda2a1-23af-4891-badf-815b2960d4f3)

---

### Funding Opportunity

The **Bureau of Reclamation** is seeking proposals from non-Federal entities for its WaterSMART Water and Energy Efficiency Grant funding opportunity. Projects that are eligible must conserve water or result in other improvements that address water supply sustainability in the Western United States.

Projects submitted for funding should seek to conserve and use water more efficiently, increase the use of renewable energy and improve energy efficiency, protect endangered and threatened species, facilitate water markets or carry out other activities to address climate-related impacts on water or prevent any water-related crisis or conflict. Some examples of projects could include water management improvements, such as installing measuring devices or automated canal gates, stream restoration or fish screens to address endangered or threatened species, installing solar panels to supply energy to water facilities, or projects that would facilitate or establish water markets.

Eligible Applicants: States, Indian tribes, irrigation districts, water districts or other organizations with water or power delivery authority in the 17 Western United States, American Samoa, Guam, the Northern Mariana Islands and the Virgin Islands.

The funding opportunity announcement is available at [www.grants.gov](http://www.grants.gov) using funding opportunity number R13SF80003.

Application Deadline: **Jan. 17, 2013, 4:00 p.m. Mountain Standard Time**

For more information, see <http://www.usbr.gov/WaterSMART/>

---

If you have questions about this funding opportunity please contact Avra Morgan at 303-445-2906 or e-mail at [aomorgan@usbr.gov](mailto:aomorgan@usbr.gov)

---

### **Funding Opportunity**

The **Federal Highway Administration (FHWA)** is soliciting proposals for projects from State Departments of Transportation (DOTs), Metropolitan Planning Organizations (MPOs), Federal Land Management Agencies, and Tribes to conduct analysis in one of two areas related to climate change and extreme weather adaptation: 1) assessments of transportation vulnerability to climate change and extreme weather events, or 2) developing options for improving resiliency of transportation facilities or systems to climate changes and/or extreme weather events.

Project descriptions are due by **January 22, 2013**.

For more information, see

[http://www.fhwa.dot.gov/environment/climate\\_change/adaptation/ongoing\\_and\\_current\\_research/vulnerability\\_assessment\\_pilots/2013-2014\\_solicitation/index.cfm](http://www.fhwa.dot.gov/environment/climate_change/adaptation/ongoing_and_current_research/vulnerability_assessment_pilots/2013-2014_solicitation/index.cfm)

---

### **Funding Opportunity**

**NOAA** is currently soliciting applications for restoration projects that use a habitat-based approach to foster species recovery and increase fish production. The funding opportunity will focus on projects that will aid in recovering listed species and rebuilding sustainable fish populations or their prey.

Applications are due by **February 19, 2013**.

For more information, see <http://www.habitat.noaa.gov/funding/coastalrestoration.html>

---

### **Training Course**

#### **Addressing Climate-related Uncertainty for Natural Resource Management: ALC3192**

The National Conservation Training Center is piloting a new course that will provide participants with a foundation in structured decision making in the context of natural resource management problems addressing climate-related uncertainty. It will also illustrate applications to water resource management, mitigation, and endangered species decisions. This course gives you the skills to develop structured approaches in order to make a recommendation or decision that is explicit, transparent, and clear, even when faced with significant uncertainty.

**February 11-15, 2013** in **Shepherdstown, WV**

For this first offering, there is no tuition or registration fee associated with the course.

Register online using DOI Learn, the Department of the Interior's Learning Management System, at <http://training.fws.gov/>

For more information, contact Ashley Fortune, at 304/876-7361 or [Ashley\\_Fortune@fws.gov](mailto:Ashley_Fortune@fws.gov)

---

## Training Course

### Climate Adaptation Planning

The **Institute for Tribal Environmental Professionals (ITEP)** is conducting this course for environmental and natural resource professionals employed by tribes or tribal organizations in the Southwest.

**February 19-21, 2013 hosted by the Pueblo of Santa Ana, near Albuquerque, NM**

Register online at [www4.nau.edu/itep/climatechange/](http://www4.nau.edu/itep/climatechange/)

---

## Webinar

The Lincoln Land Institute and the Sonoran Institute are presenting: **Climate Change Preparedness Planning in the West: Lessons from Local Governments** on **December 5, 2:00 PM-3:30 PM (EST)**.

This webcast will examine the impacts of climate change on the Southwest and what communities are doing to become more resilient to changes in climate and resource availability. Sustainability specialists from Boulder County, Colorado, and Flagstaff, Arizona, will examine the impacts of climate change on their communities and how they plan to become more resilient.

- [Webcast registration](#)
- 

## Webinar

The National Association of Counties (NACo) is presenting: **Successfully Managing and Promoting Wind Power in America's Counties** on **December 6, 2:00-3:15 PM (EST)**.

County leaders are working with the wind industry to responsibly develop wind energy in their communities, protecting public safety while respecting individual property rights and promoting development. This webcast will discuss the recently published "County Strategies for Successfully Managing and Promoting Wind Power," which shares criteria to consider when planning for wind installations of various scales and model ordinances to guide development.

- [Webcast registration](#)
- 

## Webinar

**Transborder Winter Forecast/ Pronóstico de Invierno Transfronterizo**

**Friday, December 7, 11:00 AM PST Time (13:00 Mexico City Time)**

Meteorologists from Mexico and United States will present and discuss the seasonal climate forecasts for the winter 2012-2013 season. Currently, the Pacific Ocean is in a "neutral condition." What are the prospects for precipitation in our region? Is there a chance that El Niño will re-develop? What are the implications of "neutral" for agriculture, water management, and other activities?

---

Meteorólogos de México y Estados Unidos presentarán y discutirán el pronóstico climático estacional para la temporada invernal 2012-2013. En la actualidad, el Océano Pacífico se encuentra en un "estado neutral." ¿Cuáles son las perspectivas de precipitación en nuestra región? ¿Existe la posibilidad de que El Niño se volverá a desarrollar? ¿Cuáles son las implicaciones de "estado neutral" para la agricultura, gestión del agua, y otras actividades?

Go to

<https://transborderclimate.webex.com/transborderclimate/j.php?ED=218190152&UID=504496757&PW=NY2RkYTYwNDdl&RT=MiM0>

The webinar series is sponsored by the University of Arizona's Udall Center for Studies in Public Policy and the Climate Assessment for the Southwest (CLIMAS) program through a grant from the National Oceanic and Atmospheric Administration (NOAA). *For more information, see:* <http://www.climas.arizona.edu/outlooks/tbc> and <http://udallcenter.arizona.edu/csi/index.php>

---

### Webinar

#### Using Socioeconomic Data to Support Large Landscape Conservation

**The Practitioners' Network** is launching a new webinar series with the goals of building capacity and transferring knowledge. Dr. Ray Rasker, PhD, Headwaters Economics will be presenting on Monday, **December 10, 2012 at 10:30 - 11:30 AM, MST.**

1. To view the presentation, go to <https://global.gotomeeting.com/join/398239173>

Meeting ID: 398-239-173

2. To listen to the presentation, call (619) 326-2750, Code: 186-9447

---

### Webinar

Climate Adaptation Knowledge Exchange (CAKE) offers:

**Climate Adaptation Help Panel on December 11, 2:30 PM EST** ([Register here](#))

**The Wheel of Change Toward Sustainability on December 18, 2:00PM EST**

---

### Webinar

#### Renewable energy development and terrestrial and aquatic wildlife conservation: the new frontier

The **Desert LCC is hosting Dr. Jeff Lovich, USGS**, Southwest Biological Science Center, who will present a review of peer-reviewed published information on impacts from renewable energy development in the Desert Southwest on non-flying wildlife.

**Thursday, December 13th 2012, 9:00 AM Pacific**

Webex link: <https://usgs.webex.com/usgs/j.php?ED=187406022&UID=0&RT=MiM1>

Audio bridge: 703-648-4848 Code 39467# or Toll free 855-547-8255, Code 39467#

---

## Webinar

The U.S. Environmental Protection Agency (EPA) is offering the following webcasts:

### **December 6, 3:00-4:30 PM (EST) – Energy Efficiency Competitions for Local Governments**

Learn how local governments can plan and run an energy efficiency competition to encourage energy reductions in their communities.

- [Webcast registration](#)

### **December 7, 1:00-2:00 PM (EST) – Global Warming's Six Americas: Understanding and Communicating with a Diverse Public**

Americans differ in their beliefs and concern about climate change. Understanding the differences is vital to effective engagement and to bring about positive behavioral change. Insight into stakeholders' views can help organizations communicate the importance of using green power and saving energy. This webinar provide a summary of recent findings from the “Climate Change in the American Mind” and “Global Warming's Six Americas” audience research studies conducted by George Mason University and Yale University.

- [Webcast registration](#)

### **December 11, 2:00-4:00 PM (EST) – Learn how Tribes are Confronting Climate Change**

Learn how the [Gila River Indian Community](#) and [Choctaw Nation](#) are reducing greenhouse gas emissions through recycling and energy efficiency audits, and learn how the Oneida Nation of Wisconsin is integrating climate change considerations into its overall decision-making and in its water management programs. The webcast will also provide information about resources and funding ideas to help tribal governments design and implement climate change programs.

- [Webcast registration](#)

### **December 11, 2:00-3:00 PM (EST) - New Guidance on Energy Efficiency Program Evaluation: Calculating Energy & Emissions Impacts**

This webcast will provide a preview of the forthcoming Energy Efficiency Program Impact Evaluation Guide from SEE Action.

- [Webcast registration](#)

### **December 11, 12:30-2:00 PM (EST) - Materials Management through Sustainable Consumption: Public Perceptions and Sustainable Consumption**

In this session, we will explore public opinions on climate change and the role of individuals, governments, and institutions in addressing climate change issues. Connie Roser-Renouf, Yale Center for Climate Communication, is the featured speaker.

- [Webcast registration](#)
-

## Webinar

### **Session #9: Open Space Conservation Programs for Private Landowners from the Farm Bill and other sources**

Join the Planning for Growth and Open Space Conservation Webinar Series to discuss programs that allow private landowners to protect working forests and conserve open space administered by the Forest Service, Natural Resources Conservation Service, and Farm Service Agency.

**December 12, 2:00 - 3:30 pm, Eastern Time**

Please [register](#) in advance for this and future webinars.

Visit [website](#) for more information or to view past presentations.

---

## Conference

### **Energy Development on Tribal Lands**

EUCI presents a conversation with the Bureau of Indian Affairs, the Bureau of Land Management, K Road Power and other Indian Country experts on why developing an energy project with a tribal entity on tribal land is not a traditional project. Attend this conference to have an understanding of federal Indian law, tribal sovereignty, tribal government structures, tribal dispute resolution systems, and the elements of successful project development in Indian Country.

**January 28-29, 2013 in Scottsdale, AZ**

For more information, see <http://www.euci.com/events/index.php?ci=1795&t=0>

---

## Meeting

### **Ecosystem Thresholds: Fire, Water, and Climate**

The 46<sup>th</sup> Joint Annual Meeting of the New Mexico and Arizona Chapters of The Wildlife Society and Arizona/New Mexico Chapter of the American Fisheries Society

**7-9 Feb 2013, Albuquerque, NM**

---

## Conference

Early Registration Opens for **2013 Climate Leadership Conference**. This conference is an annual exchange addressing global climate change through policy, innovation, and business solutions. The 2013 Climate Leadership Conference is hosted by EPA, the Climate Registry, the Center for Climate and Energy Solutions, and the Association of Climate Change Officers.

**February 27- March 1, 2013 in Washington, DC**

For more information, please visit: <http://www.climateleadershipconference.org/>.

---

## Workshop

---

## Climate Prediction Applications Science Workshop

This year's theme of the NOAA's 11th Annual Climate Prediction Applications Science Workshop is Climate Information for Natural Resource Management. They are inviting abstracts demonstrating a broad array of climate information applications in water, energy, land, forest, wildlife, habitat, and other natural resources management. Abstract deadline is December 14, 2012.

**April 23 – 25, 2013 in Logan, Utah**

For more information, visit their [website](#).

---

## Action Plan

The National Park Service released its *Climate Change Action Plan*. The plan will guide park managers as they plan for and respond to climate change today and in the future.

Available at <http://www1.nrintra.nps.gov/climatechange/assets/docs/CCRPActionPlan.pdf>

---

## Report

The Western Governors Association released *Water Transfers in the West*, which provides an overview on how the region can help meet growing demands for water with voluntary market-based sales and leases of water rights.

Available at <http://www.westgov.org/initiatives/water>

---

## Report

Forest Service Wildlife & Fish Research Landscape Ecologist Sam Cushman coauthored *The Role of Landscape Connectivity in Planning and Implementing Conservation and Restoration Priorities*. It reviews the current state-of-the-art in landscape connectivity planning, offering models, case studies and advice for coping with uncertainty.

Available at [http://www.esa.org/science\\_resources/issues/FileEnglish/issuesinecology16.pdf](http://www.esa.org/science_resources/issues/FileEnglish/issuesinecology16.pdf)

---

## Report

The Biodiversity, Ecosystems and Ecosystem Services Technical input to the 2013 National Climate Assessment report was recently released with over 60 contributors from federal agencies, academia, and NGOs. The report covers the latest research and findings on climate change impacts on biodiversity, ecosystems and ecosystem services.

Available at <http://downloads.usgcrp.gov/NCA/Activities/Biodiversity-Ecosystems-and-Ecosystem-Services-Technical-Input.pdf>

---

## Report

The USFS's Research Stations recently released [Recent Advances in Applying Decision Science to Managing National Forests](#). This condensed document describes this field of science that has become more relevant to land managers as decisions become more challenging. A General

---

Technical Report, geared toward the natural resource management audience, is forthcoming.

Available at <http://www.sciencedirect.com/science/article/pii/S0378112712005087>

---

### Report

USGS Western Ecological Research Center released *Avian Breeding Demographic Response to Climate Change: A Multi-species and Multi-landscape Approach to Synthesizing Risk Factors*.

Available at <http://www.werc.usgs.gov/ProductDetails.aspx?ID=4791>

---

### Report

USGS Western Ecological Research Center released *Long-Term Data Clarifies Desert Tortoise Growth, Maturity and Survivorship Parameters*. The results differ from previous estimates of desert tortoise survival.

Available at <http://www.werc.usgs.gov/ProductDetails.aspx?ID=4776>

---