

**Pacific Northwest Tribal Climate Change Project  
DRAFT Meeting Notes – Wednesday, October 15, 2014**

---

**Call Participants:**

Arwen Bird, Northwest Climate Science Center  
Samantha Chisholm Hatfield, Oregon State University  
Kelly Coates, Cow Creek Tribe  
Rhonda Dasher, Confederated Tribes of the Colville  
David Diaz, Ecotrust  
Jeff Dickison, Squaxin Natural Resources  
Nora Fern, Cascadia Consulting Group  
Meagan Flier, Confederated Tribes of Grand Ronde  
Eliza Ghitis, Northwest Indian Fisheries Commission  
Brendan Haggerty, Oregon Health Division  
Lisa Hayward, Northwest Climate Science Center  
James Holt, Nez Perce Tribe  
Joe Hostler, Yurok Tribe  
Linda Kruger, USDA Forest Service PNW Research Station  
Kathy Lynn, University of Oregon  
Mary Mahaffy, North Pacific Landscape Conservation  
Cooperative

Paul McCollum, Port Gamble S’Klallam Tribe  
Don Motanic, Intertribal Timber Council  
Glen Patrick, Washington Department of Health  
Jason Pretty Boy, Ecotrust  
Veronica Redifer, Klawock Tribe  
Alex Score, EcoAdapt  
Cheryl Shippentower, Confederated Tribes of the Umatilla  
Indian Reservation  
Rachel Steele, USDA Climate Hubs  
Tricia Tillmann, Enviroissues  
Lisa Toomey, REACH Center  
Carson Viles, University of Oregon  
Carl Wassilie, Center for Water Advocacy  
Ann Wyatt, Klawock Tribe  
Emily York, Oregon Health Division

**Table of Contents**

Guidelines for Considering Traditional Knowledges (TKs) in Climate Change Initiatives..... 2  
REACH Conference on Climate Change – November 10, 2014 (*Lisa Toomey*)..... 2  
Oregon Climate and Health Profile Report (*Emily York and Brendon Haggerty, Oregon Health Division*) ..... 2  
Ecotrust Indigenous Resilience Fellowship (*Jason Pretty Boy, Ecotrust*) ..... 3  
Administration Announces Climate Action Champions Competition to Recognize Climate Leaders Across the United States ..... 3  
EcoAdapt Climate Adaptation Toolkit for Fisheries Management and survey (*Alex Score*) ..... 3  
General Updates ..... 3  
    Ocean Acidification Curriculum Website..... 4  
    Tribal Climate Change Funding and Program Guide ..... 4  
    December 2-3, 2014 Climate Change and Indigenous Peoples Conference ..... 4  
Additional Events ..... 4  
    October 21, 10-11am (Pacific). Webinar: A Guide to Tools for Landscape Conservation Planning - NatureServe. . 4  
    October 28-30, 2014. NPLCC-sponsored Climate Smart Conservation Training class. Olympia, WA..... 4  
    November 10, 2014, Ecotrust Forest Management Forum, Ecotrust ..... 5  
    Feb 17-19, 2015: Great Basin Consortium Conference, Boise State University, Idaho ..... 5  
    May 12 - 15, 2015: 2nd National Adaptation Forum - Call for Proposals due 10/24/2014..... 5

**Upcoming PNW Tribal Climate Change Network Conference Call Dates**

- November 19, 2014
- December 17, 2014

*Call-in Information:*  
**Call Time: 10:00 am - 11:30 Pacific**  
**Call-in #: 1-888-858-2144**  
**Pass code: 5064716**

## [Guidelines for Considering Traditional Knowledges \(TKs\) in Climate Change Initiatives](#)

These *Guidelines for Considering Traditional Knowledges (TKs) in Climate Change Initiatives* are intended to be an informational resource for tribes, agencies, and organizations across the United States interested in understanding TKs in the context of climate change. In light of the increasing recognition of the significance of traditional knowledges (TKs) in relation to climate change, a self-organized, informal group of indigenous persons, staff of indigenous governments and organizations, and experts with experience working with issues concerning traditional knowledges (The Climate and Traditional Knowledges Workgroup – CTKW), felt compelled to develop a framework to increase understanding of issues relating to access and protection of TKs in climate initiatives and interactions between holders of TKs and non-tribal partners. The Guidelines were originally developed to inform the Department of Interior's Advisory Committee on Climate Change and Natural Resource Science (ACCCNRS) in May 2014. Version 1.0 of this document has been debuted via website (see link above). The author team welcomes comments, and looks forward to receiving feedback via comment form on website. For more information, visit: <http://climatetkw.wordpress.com/>

## [REACH Conference on Climate Change – November 10, 2014](#) *(Lisa Toomey)*

The REACH Center for Environmental, Natural Resource, Energy and Agriculture Science is a hybrid educational facility with a focus on natural resources, environment, agriculture and energy. Offers K-12 and college level educational resources, has the additional goal of offering educational interactions professionals. REACH is hosting an upcoming conference on climate impacts, and is interested in having tribal representatives and reps local to the Columbia River present on climate impacts and concerns facing tribal communities. There is not a great deal of information available to REACH about climate impacts in SE Washington, and REACH is hoping to gather information and disseminate it more broadly. Following Monday (November 17),

- REACH Climate Change Conference, **November 10, 8-5**, presenters, students, teachers, members free, others: \$8 adult/\$6 seniors/veterans. Contact: [Lisa Toomey](#), 509-546-0760 or [Kris Cargile](#), 509-943-4100 x108
- REACH College and Career Fair focusing on careers in Environmental, Natural Resource, Energy & Agriculture Sciences, **November 3, 2014, 4-7pm** (free and food is provided). contact: [Kris Cargile](#), 509-943-4100 x 108

## [Oregon Climate and Health Profile Report](#) *(Emily York and Brendon Haggerty, Oregon Health Division)*

The Oregon Climate and Health Profile Report outlines the different health risks that may increase as climate changes and describes the populations who are most vulnerable to these risks. This program has recently completed its 2014 report on the state, and has completed 5 local level adaptation plans in collaboration with local health departments. The 2014 report outlines climate impacts facing Oregon, and associated health risks for each impact. This report also looks at vulnerabilities across the state, including demographic, geographic and occupational vulnerabilities. The report author team is seeking input from Tribes and Native people about the author team's treatment of vulnerability within the report. They consider their work to be in-progress, and hope to refine their understanding of vulnerability and resilience. They are welcoming comments and alternative understandings of vulnerability and resilience. Moving forward, the program will produce a statewide vulnerability assessment and a statewide Climate and Health Adaptation Plan. Please contact Emily York ([emily.a.york@state.or.us](mailto:emily.a.york@state.or.us)) or Brendon Haggerty ([brendon.haggerty@state.or.us](mailto:brendon.haggerty@state.or.us)). A suggestion was made that Emily and Brendon contact the Oregon Commission on Indian Services and schedule a time to

present to the Commission. A call participant expressed concern about current EPA standards regarding fish consumption, and the Oregon Climate and Health Profile author team acknowledged that this, and first foods health in general, are concerns that they are still in the process of effectively describing and look forward to input from Network participants.

#### **Ecotrust Indigenous Resilience Fellowship** (*Jason Pretty Boy, Ecotrust*)

As part of the Indigenous Resilience Fellowship, tribal staff (mid-level managers) work with Ecotrust in order to build capacity, which can be reinvested into Tribes. Tribal staff in the Northwest are encouraged to apply. Ecotrust also coordinates an annual [Indigenous Leadership Award](#) that recognizes an individual who demonstrates durable qualities of leadership for improvement of the social, economic, political, and environmental conditions in his or her homelands. For more information about these programs, please contact Jason Pretty Boy at [jason@ecotrust.org](mailto:jason@ecotrust.org).

#### **Administration Announces Climate Action Champions Competition to Recognize Climate Leaders Across the United States**

The Obama Administration has announced a new Climate Action Champions competition that will identify, showcase, and invest in up to 15 local and tribal governments across the country that demonstrate an ongoing commitment to cutting carbon pollution and preparing for the impacts of a changing climate. The competition will be administered by the U.S. Department of Energy (DOE), and will be implemented in collaboration with a broad range of Federal agencies. This competition will not include direct funding, but lead to preferential consideration in other, select Federal programs. The first stage of this competition seeks to recognize Tribes who have already undertaken significant actions in climate adaptation or mitigation. **Applications are DUE 10/27/14**, and can be found here: <https://eere-exchange.energy.gov/Default.aspx#Foald7078c60d-e5e7-46f3-9615-8294b14caa6a>. Please send any questions about applications to: [CACRFA@ee.doe.gov](mailto:CACRFA@ee.doe.gov).

#### **EcoAdapt Climate Adaptation Toolkit for Fisheries Management and survey** (*Alex Score*)

This project will create a reference document for fishers and fisheries managers (subsistence, recreational and commercial) as they deal with climate impacts. This project will improve understanding of the interactions between human and environmental systems by examining fisheries management in the context of climate change and ocean acidification, as well as by understanding connections between climate change and other stressors to fisheries. This project will facilitate the development of climate adaptation strategies for sustainable fisheries management and the creation of a robust network of like-minded practitioners. Currently, a needs assessment is being conducted by the project team. This project is currently asking for input from fisheries managers, professionals and subsistence fishers across the nation through a survey: <https://www.surveymonkey.com/s/fisheryneeds>. For more information, please contact Alex Score at [alex.score@ecoadapt.org](mailto:alex.score@ecoadapt.org).

### **General Updates**

---

#### **Ocean Acidification Curriculum Collection**

This Collection of Ocean Acidification Educational Resources is a curated collection of free resources on ocean acidification (OA) for educators and communicators aimed at grades K-12. This website is funded/supported by the Environmental Protection Agency, US Fish & Wildlife, Washington Sea Grant, Suquamish Tribe and the Northwest Indian Fisheries Commission. For more information, visit: <http://www.oacurriculumcollection.org/>.

### **Tribal Climate Change Funding and Program Guide**

This online tribal climate change funding and program guide is intended to provide up-to-date information on grants and programs that may assist tribes in addressing climate change through a broad range of sectors. Recently, the guide has been expanded to include existing tribal climate change adaptation plans in the U.S. in coordination with a list of plans maintained by the Institute for Tribal Environmental Professionals. To access the online guide, please visit <http://envs.uoregon.edu/tribal-climate/>. If you have additional grants, programs or plans to submit to the guide, please email [kathy@uoregon.edu](mailto:kathy@uoregon.edu).

### **December 2-3, 2014 Climate Change and Indigenous Peoples Conference**

The University of Oregon will host the 3rd Annual Climate Change and Indigenous Peoples Conference and Student Symposium on December 2-3, 2014. The University will welcome two distinguished keynote speakers to the conference: Dr. Mirna Cunningham Kain and Patricia Cochran. Dr. Cunningham Kain is an internationally renowned advocate for Indigenous peoples' rights and women's rights who has served Indigenous peoples in countless fashions, most recently as chair of the United Nations Permanent Forum on Indigenous Issues (2011-2013). Patricia Cochran is currently Executive Director of the Alaska Native Science Commission (ANSC), an organization that works to create links and collaborations among scientists, researchers and Alaska Native communities. For more information on the Conference, please visit: <http://ccip.uoregon.edu/>

### **Additional Events**

---

#### **October 21, 10-11am (Pacific). Webinar: A Guide to Tools for Landscape Conservation Planning - NatureServe.**

Tribal, agency, conservation organization, and private sector managers are engaged in landscape-scale planning to conserve and sustainably manage natural and cultural resources in the North Pacific region of the United States and Canada. Tools that facilitate this work vary greatly, and managers often find it very difficult and time consuming to select tools appropriate for their work. Through funding from the North Pacific Landscape Conservation Cooperative, NatureServe has created a guide to tools that support landscape-level conservation in the face of climate change for natural resources managers in that region. This guide, based on surveys of tool needs for the region, emphasizes tools currently in use in the North Pacific region of the United States and Canada and augments other proven tools. Much of the guide is also applicable to landscape-scale conservation planning in other regions as well. For this work, tools were defined broadly as applications that facilitate: 1) gathering and distributing relevant data (e.g. regional databases that support queries and downloads), 2) conducting analyses and modeling (e.g. vulnerability assessments), 3) visualizing data and analysis/modeling results (including current and potential future conditions), and 4) integrating information into planning for conservation, land use, and land management. This webinar discussion will provide a brief overview of the guide and tools. [Register for the webinar here.](#)

#### **October 28-30, 2014. NPLCC-sponsored Climate Smart Conservation Training class. Olympia, WA**

Space is still available for the [Climate-Smart Conservation Training](#) Olympia, WA October 28-30. Sponsored by the North Pacific LCC, this USFWS National Conservation Training Center course is based on the new guide '[Climate-Smart Conservation: Putting Adaptation Principles into Practice](#)' ([hotlink opens 8MB file](#)). The course is designed to demystify climate adaptation for application to on-the-ground conservation. It will provide guidance in how to carry out adaptation with intentionality, how to manage for change and not just persistence, how to craft climate-informed

conservation goals, and how to integrate adaptation into on-going work. If you have questions, please contact Mary Mahaffy, Science Coordinator, NPLCC, 360-753-7763 or John Mankowski, Coordinator, NPLCC, 360 534-9330.

**November 10, 2014, The REACH Centers for Environmental, Natural Resource, Energy and Agriculture Science - One-Day Conference on Climate Change, Richland, WA**

7:30am-5:30pm - 1943 Columbia Park Trail, Richland, WA. The REACH Centers are seeking presenters for a range of panels on climate change globally, nationally, regionally and locally, as well as specific topics on impacts agriculture, adaptation and resilience, climate change and the Columbia River, and a panel on tribal concerns on climate change, among others. To register for a presentation, please go to [www.visitthereach.org](http://www.visitthereach.org), contact Kris Cargile at [kris@visitthereach.org](mailto:kris@visitthereach.org), or call 509-943-4100x Visitor Services.

**November 10, 2014, Ecotrust Forest Management Forum, Ecotrust**

OSU and Ecotrust are hosting a forum on public forest management issues, and are looking to expand this discussion to include Tribal issues and traditional management of forests. On November 10, Ecotrust will host Ronald Trosper for a talk at their offices in Portland, OR. For more information, please contact David Diaz at [ddiaz@ecotrust.org](mailto:ddiaz@ecotrust.org).

**November 20, 2014.10-11am (Pacific). Webinar: Correlation and climate sensitivity of human health and environmental indicators in the Salish Sea - Swinomish Indian Tribal Community**

This project focused on the Swinomish Indian Tribal Community, whose traditional territories are particularly vulnerable to threats like sea-level rise and increased storms. These sensitivities of species and habitats to climate were cross-walked with recently developed Coast Salish community health indicators (e.g. ceremonial use, knowledge exchange, and physiological well-being). The goal of this project was to demonstrate how Indigenous Knowledge can be used in conjunction with established landscape-level conservation indicators (e.g. shellfish and water-quality) and employed to identify resource management priorities. Results will show assessments of these indicators and priorities of the Swinomish Tribe and Tsleil-Waututh Nation compared to and integrated with climate forecasts. This presentation will provide a template for how other tribal communities can use these methods to assist with climate change adaptation. This project was jointly funded by the NPLCC & Northwest Climate Science Center.

<http://www.northpacificlcc.org/correlation-and-climate-sensitivity-of-human-health-and-environmental-indicators-in-the-salish-sea>

**December 15-16, 2014, Rural Climate Policy Meeting, Washington, D.C**

A rural climate policy meeting will be convened on December 15 and 16 in Washington, D.C. to refine a comprehensive rural climate policy platform. Many Rural Climate Network member organizations have confirmed participation, including the Center for Rural Strategies, Farm Aid, Organic Valley, CalCAN, National Network of Forest Practitioners, Forest Guild, Northwest Atlantic Marine Alliance, RAFI-USA, National Family Farm Coalition, Catskill Mountainkeeper, and Institute for Agriculture and Trade Policy. Want to join us? Email [tritter@iatp.org](mailto:tritter@iatp.org) indicating your area(s) of interest and expertise, and whether your attendance is dependent upon travel assistance.

**Feb 17-19, 2015: [Great Basin Consortium Conference](#), Boise State University, Idaho**

**May 12 - 15, 2015: 2nd National Adaptation Forum - Call for Proposals due 10/24/2014**

The 2<sup>nd</sup> National Adaptation Forum will take place from May 12 through May 14, 2015 in St. Louis, MO and will engage key individuals from such diverse fields as industry, academia, government, and non-

profit organizations, all working across traditional boundaries to develop adaptation solutions and partnerships. The Program for 2015 centers on adaptation integration, specifically: making adaptation part of everything you do; and breaking out of silos to create holistic, durable solutions. Proposals are being accepted for [Symposia, Training Sessions, Working Groups, Poster Presentations, and a Tools Café](#) that reflect the best thinking in the field, informed by theory, research, and practice. To submit a proposal, click [here](#). All proposals are due by **11:59 pm PT, October 24, 2014**. For more information, visit the [Frequently Asked Questions](#) page on the National Adaptation Forum website. You may also contact the conference secretariat at [NAF@stiefelgroup.com](mailto:NAF@stiefelgroup.com) or 206-486-4944.