

Pacific Northwest Tribal Climate Change Project

DRAFT Meeting Notes – Wednesday, November 28, 2012

Participants:

- Damion Ciotti, US Fish and Wildlife Service
- Laura Gephart, Columbia River Intertribal Fish Commission
- Larry Gilbertston, Quinault Indian Nation
- Preston Hardison, Tulalip Tribes
- Rose High Bear, Wisdom of the Elders
- Linda Kruger, USDA Forest Service, Pacific Northwest Research Station – Juneau Forestry Lab
- Kathy Lynn, University of Oregon
- Paul McCollum, Port Gamble S’Klallam Tribe
- Robin O’Malley, US Geological Survey
- Dean Poolchies, National Congress of American Indians
- Steve Robinson, Independent Consultant
- Marijke van Heeswijk, USGS and the Northwest Climate Science Center
- Carson Viles, University of Oregon
- Kirsten Vinyeta, University of Oregon
- Garrit Voggeser, National Wildlife Federation

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2013 PNW Tribal Climate Change Network Conference Call Dates

- January 23, 2013
 - February 27, 2013
 - March 27, 2013
 - April 24, 2013
 - May 22, 2013
 - June 26, 2013
- Call-in Information:*
Call Time: 10:00 am Pacific
Call-in #: 1-888-858-2144
Pass code: 5064

DOI Advisory Committee on Climate Change and Natural Resources Science

Robin O'Malley, Policy and Partnership Coordinator, National Climate Change and Wildlife Science Center with the US Geological Survey shared information on the call for nominations for the Department of Interior for the Advisory Committee on Climate Change and Natural Resources Science. The federal register notice can be viewed at: <http://www.gpo.gov/fdsys/pkg/FR-2012-10-04/pdf/2012-24478.pdf>

- **The deadline for nominations has been extended to December 24, 2012.**
- **How to submit a nomination:** Nominations for membership on the committee should describe and document the proposed member's qualifications for membership to the Committee, and include a resume listing their name, title, address, telephone number, email address, and fax number. Nominations should be sent to Robin O'Malley, Policy and Partnership Coordinator, National Climate Change and Wildlife Science Center, U.S. Geological Survey, 12201 Sunrise Valley Drive, Mail Stop 400, Reston, VA 20192. Nominations may also be submitted by email to: romalley@usgs.gov.

As part of the ongoing work of the Climate Science Centers, a federal advisory committee is being created. Robin noted that the Advisory Committee will include 25 people, including 2 tribal representative. At present, there have been 80 nominations submitted. Robin emphasized the importance of the advisory committee in providing an open and transparent process.

Goals of the Advisory Committee include ensuring that high quality science is conducted, being responsive to managers on the ground and translating science into management strategies. Finally, the Advisory Committee will help to push the front on large-scale climate research questions, help to coordinate science to answer major questions, and influence priorities of others, including funding agencies.

Robin also talked about how the Advisory Committee is distinct from Climate Science Center (CSC) Executive Stakeholder Advisory Committees (ESAC). The ESACs help establish science priorities and identify funding opportunities, and have operational involvement in the priorities and budgets of the CSCs. To be a member of Executive Stakeholder Committee, one must be representing a government (tribal, federal, state, etc.). In contrast, the Federal advisory committee does not restrict membership based on government affiliation.

Robin stated that they are hoping for nominations from tribal representatives with experience in both climate change and natural resource sectors, and people who can credibly outreach to other tribes as part of their role on the committee. Specifically, there will be support for the tribal representatives on the Advisory Committee to attend conferences or meetings (e.g., the American Indian and Alaska Native Working Group) to conduct outreach on behalf of the Advisory Committee. The Advisory Committee wants to provide opportunities for networking and to understand how CSCs are addressing the needs of tribes around the country.

Wisdom of the Elders Radio Program Climate Change Sustainability Series

Rose High Bear, Executive Director of the Wisdom of the Elders Radio Program (<http://wisdomoftheelders.org/>) spoke with the Network about the Climate Change Sustainability Series. Wisdom of the Elders is native-led non-profit based in Portland that gathers stories from elders and community leaders and compiles them into radio shows.

The series on Indigenous Responses to Climate Change will feature eight tribes in the Northwest, Alaska, and Hawaii that are responding sustainably to unprecedented environmental degradation and climate

change. The programs will present Native elders, scientists, youth, educators and cultural leaders, highlight traditional, contemporary and science-based knowledge, as well as oral history and cultural arts, and serve as the foundation of a student-centered, culturally tailored multimedia STEM (Science, Technology, Engineering and Math) curriculum. More information on the program can be found at: <http://wisdomoftheelders.org/series-four/>.

The first two radio programs in the series feature the Athabascan Nations of central Alaska and the Inupiat of Northwest Alaska. Rose is anticipating a release of the programs in late spring. Wisdom of the Elders also plans to work with the urban Indian communities in Washington State and in Portland, as well as the Yakama Tribe and potentially a collaborative radio segment on coastal changes with the Swinomish and Tulalip Tribes. Wisdom of the Elders is seeking more tribes to work with for the radio series, and are interested in exploring issues with the coastal tribes and tribes east of the Cascades in Oregon.

Rose mentioned the need for additional funding. They have seed funds from the National Endowment for the Arts, but costs are about \$20,000 for each program. Rose mentioned a potential grant application to the National Science Foundation.

Damian Ciotti said that he was not aware of anything similar in California and is interested in involving tribes on OR/CA border. Damion suggested that it may be worthwhile to consider the Tribal Wildlife Grant program for funds. He also suggested the program could be a good way to engage Native youth in STEM fields and relates to a current initiative related to education and employment for tribes throughout the Klamath Basin.

For more information on the program, contact Rose High Bear at: rosehb@wisdomoftheelders.org. Kathy will also send Rose contact information for the various people on the call that expressed interest in the program.

Tribal Wildlife Grant Program

Damion Ciotti, Tribal Partnerships Specialist, Habitat Restoration Division with the U.S. Fish and Wildlife Service is the coordinator for Tribal Wildlife Grant Program in California, Nevada and the Klamath basin. Damian presented information about the Fish and Wildlife Service Tribal Wildlife Grant Program: <http://www.fws.gov/nativeamerican/grants.html>. The goal of the Tribal Wildlife Grant Program is to provide a competitive funding opportunity for Federally recognized Tribal governments to develop and implement programs for the benefit of wildlife and their habitat, including species of Native American cultural or traditional importance and species that are not hunted or fished. **Applications for 2014 fiscal year are due September of 2013.** The grant program is competitive for up to 200K and funding can be used for conservation activities. Priority will be given to projects that restore resources with cultural value. Every Fish and Wildlife region is guaranteed at least 2 grants; the rest are nationally competitive. There is no cost share requirement, but points will be awarded when cost share is included.

The applications are fairly lengthy. Damion will help tribes by reviewing draft applications as they are under development (he is not on the formal grant review committee). Damion plans to coordinate a grant-writing workshop. We will look into coordinating a webinar workshop through the ITEP Tribes and Climate Change webinar series.

For more information on the grant, you can contact Damion at: damion_ciotti@fws.gov.

North Pacific Landscape Conservation Cooperative Science and Traditional Ecological Knowledge Strategy

The North Pacific Landscape Conservation Coalition (NPLCC) has released the strategy developed by the Science and Traditional Ecological Knowledge sub-committee. This strategy will guide NPLCC activities from 2013 to 2016 and help identify opportunities for collaboration with U.S. and Canadian partners, uniquely emphasizing the combination of western science and the Traditional Ecological Knowledge (TEK) of Tribes and First Nations. The NPLCC's Science and Traditional Ecological Knowledge Subcommittee (S-TEK) developed this strategy with guidance and oversight from the program's governing body, the Steering Committee. The S-TEK benefited from the results of a Steering Committee Framing Workshop to identify natural resource information and support needs, and the findings of a National Wildlife Federation project involving more than 200 scientists and resource professionals from throughout the region.

This S-TEK Strategy identifies equally important Guiding Principles and Priority Topics. The Principles provide guidance for the types of activities the NPLCC will support, and the Topics describe issues for which those activities will be of particular benefit to conservation and sustainable resource management within the NPLCC in the face of climate and related stressors. Hundreds of potential areas of focus were identified, screened and evaluated to yield the Priority Topics shown below.

Mary Mahaffy, Science Coordinator for the NPLCC, was unable to be on the conference call, but we will schedule time on the next PNW Tribal Climate Change Network call to discuss the strategy. For more information on the NPLCC, visit: <http://www.fws.gov/pacific/Climatechange/nplcc/>. To download the reports:

- NPLCC Strategy for Science and Traditional Ecological Knowledge, 2013 - 2016: http://www.fws.gov/pacific/Climatechange/nplcc/pdf/2012.11%20-%20S-TEK%20Strategy_%20Final.pdf
- Technical Supplement: http://www.fws.gov/pacific/Climatechange/nplcc/pdf/2012.11%20-%20Strategy%20Technical%20Supplement_Final.pdf

General Updates

Northwest Climate Change Assessment - Tribal Chapter

The Northwest Regional Climate Assessment Report will include a tribal chapter. This will be a synthesis of information included in the National Climate Assessment Tribal Lands and Resources chapter, as well as information being included in many of the articles in the special tribal issue of the Climatic Change Journal. A number of people from the PNW Tribal Climate Change Network have contributed to the chapter.

Tribal Climate Change Fact Sheets/ Adaptation planning framework

The Institute for Tribal Environmental Professionals (ITEP) and the Pacific Northwest Tribal Climate Change Project are collaborating in the development of Tribal Climate Change Fact Sheets. Information compiled in the adaptation planning framework discussed during the September call will be used to develop new fact sheets as part of this effort. To view ITEP's current fact sheets, visit:

http://www4.nau.edu/itep/climatechange/tcc_SWProj.asp

Tribal Climate Change Funding Guide - <http://envs.uoregon.edu/tribal-climate/>

The Pacific Northwest Tribal Climate Change Project has added more dropdown menus in the Tribal Climate Change Funding Guide. Dropdown searchable boxes are now available for agencies (both acronym and what it stands for), categories, and geography. Please contact Kathy Lynn (kathy@uoregon.edu) with any additional formatting or content-related feedback.

Webinar: Learning from Peers – Tribal Approaches to Reduce GHG Emissions and Address the Changing Climate - Tuesday, December 11, 2012 2:00 PM - 4:00 PM EST (11:00 AM - 1:00 PM PST)

EPA's Office of Atmospheric Programs will host a webcast showcasing tribes who are implementing energy conservation, materials recycling, and adaptation programs. Learn how Gila River Indian Community and Choctaw Nation are reducing greenhouse gas emissions through recycling and energy efficiency audits. Learn how the Oneida Nation of Wisconsin is integrating climate change considerations into their decision-making and water management programs. Also learn about resources and funding ideas to design and implement climate change programs that may be right for your tribe.

Reserve your webcast seat now at:

<https://www2.gotomeeting.com/register/478698930>

For more information, visit:

- Visit EPA's Tribal Climate and Energy Website: <http://epa.gov/statelocalclimate/tribal/index.html>
- Gila River Indian Community: <http://www.gilariver.org/>
- Choctaw Nation: <http://www.choctawnation.com/>
- Oneida Nation of Wisconsin: <http://www.oneidanation.org/>
- University of Oregon Tribal Climate Change Funding Guide: <http://envs.uoregon.edu/tribal-climate/>

Report: Blue Ribbon Panel on Ocean Acidification -

<http://www.ecy.wa.gov/water/marine/oceanacidification.html>

The Blue Ribbon Panel on Ocean Acidification released its recommendations on November 27, 2012. Recognizing the risks of ocean acidification to Washington, Governor Christine Gregoire created the Washington State Blue Ribbon Panel on Ocean Acidification to chart a course for addressing the causes and consequences of acidification. The Panel, convened in February 2012, was assembled under the auspices of the Washington Shellfish Initiative, a regional partnership established to implement the National Oceanic and Atmospheric Administration's (NOAA) National Shellfish Initiative. Members included scientists; public opinion leaders; industry representatives; state, local, federal, and tribal policymakers; and conservation community representatives. The Governor charged the Panel to:

- Review and summarize the current state of scientific knowledge of ocean acidification,
- Identify the research and monitoring needed to increase scientific understanding and improve resource management,
- Develop recommendations to respond to ocean acidification and reduce its harmful causes and effects, and
- Identify opportunities to improve coordination and partnerships and to enhance public awareness and understanding of ocean acidification and how to address it.

The report, and accompanying technical document constitute the Panel's report of its findings and recommendations for action.

Webinar: Social network analysis as an aid to landscape-scale conservation – 12/5/2012

- Graham McDowell, Environmental Change Institute - University of Oxford
- Wednesday, December 5, 2012, 12:00–1:00 pm Mountain Time
- Registration: <https://www3.gotomeeting.com/register/611768526>

There is increasing agreement that protecting esteemed and ecologically vital components of the biosphere will require collaborative environmental management approaches focused at the landscape scale. A growing number of studies suggest that organizations like the Great Northern Landscape Conservation Cooperative play an important role in facilitating transformations to such co-management arrangements (by creating social networks wherein knowledge co-production, trust building, social learning, vertical and horizontal collaboration, and conflict resolution can occur). However, to date, tools for explicitly examining the efficacy of comanagement arrangements in advancing socially and ecologically tenable landscape-scale conservation have not been forthcoming. Social Network Analysis—the formal study of social entities (e.g., conservation organizations), their relationships with other entities, and the patterns and implications of these interactions—helps address this limitation. This webinar presents the theoretical foundations, methods, and results of a recent social network analysis of the Great Northern Landscape Conservation Cooperative. Based on the study’s findings, it will be suggested that Social Network Analysis can be an important tool for understanding and improving collaborative landscape-scale conservation efforts in the Great Northern region and beyond.