

**Pacific Northwest Tribal Climate Change Project
DRAFT Meeting Notes - February 9, 2012**

Participants

- Olin Anderson, Pyramid Lake Paiute Tribe
- Howie Arnett, Confederated Tribes of Warm Springs
- Jamie Barbour, USDA Forest Service Pacific Northwest Research Station
- Sean Finn, Great Northern Landscape Conservation Cooperative
- Christian Giardiana, USDA Forest Service PSW Research Station (Hilo, HI)
- Tracy Fuentes, USGS NW Area Tribal Liaison
- Lief Horwitz, USGS NW Area Program Officer & Climate Change Liaison
- Laura Gephart, Columbia River Intertribal Fish Commission
- Larry Gilbertson, Quinault Indian Nation
- Preston Hardison, Tulalip Tribes
- Frank Lake, USDA Forest Service Pacific Southwest Research Station (Arcata, CA)
- Kathy Lynn, University of Oregon
- Mary Mahaffy, North Pacific Landscape Conservation Cooperative
- John Mankowski, North Pacific Landscape Conservation Cooperative -
- Don Motanic, Intertribal Timber Council
- Gary Morishima, Technical Advisor to the Quinault Indian Nation and Intertribal Timber Council
- Julie Nania, University of Colorado
- Claire Schary, EPA regional office -
- Jill Sherman-Warne, Native American Environmental Protection Coalition
- Patricia Tillman, National Wildlife Federation
- Steve Todd, Suquamish Tribe
- Eric White, Cowlitz Indian Tribe
- Rose Whitehair, National Congress of American Indians
- Sue Wotkyns, Institute for Tribal Environmental Professionals

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Summary of Action Items from the Call
⇒ Action Item: Submit feedback, suggestions for additional literature or questions on the draft Traditional Knowledge and Climate Change Synthesis to kathy@uoregon.edu by 2/17/2012.
⇒ Action Item: If you have technical input you would like to submit for the National Climate Assessment, see Appendix A and contact Kathy by 2/24/2012.
⇒ Action Item: The PNW Tribal Climate Change Project will be supporting three tribal college students to present at the May 2012 student conference on Indigenous Peoples and Climate Change in the Americas. See Appendix B for the call for abstracts, or email kathy@uoregon.edu if you would like to nominate someone.
⇒ Action Item: Comments on the National Fish, Wildlife and Plants Climate Adaptation Strategy must be submitted by March 5, 2012 at: http://www.wildlifeadaptationstrategy.gov/public-comments.php
⇒ Action Item: Kathy will include a discussion about the proposed ideas for regional climate change coordination and tribal engagement presented by John and Lief (see pg. 6) during the March conference call.
⇒ Action Item: Opportunities to engage in <i>Identifying Challenges and Opportunities for Addressing Climate Change Impacts in the North Pacific Landscape Conservation Cooperative</i> are included on pg. 9.

GENERAL UPDATES

National LCC Council (*Don Motanic*)

In late February, a National Landscape Conservation Cooperative Council Proposal will be released to Tribes from the USFWS. Proposal will also be released to the states and feedback from the states will be collected during the American Fish and Wildlife Association North America meeting on March 11-15. Don will provide more information on this effort as it becomes available.

Coastal Peoples Address Climate Change: First Stewards - July 16 – 19, 2012 National Museum of the American Indian, Washington DC. (*Shared by Steve Robinson*)

First stewards will mark the first U.S. national U.S. symposium addressing the impacts of climate change on coastal indigenous peoples. The event will be hosted by the coastal treaty tribes of Washington State – the Hoh, Makah, and Quileute Tribes and the Quinault Indian Nation – in collaboration with the Smithsonian Institution’s National Museum of the American Indian and NOAA’s Office of National Marine Sanctuaries. Attached to the email with these meeting minutes, please find a flyer with more information about the event, as well as a call for sponsors.

American Association for the Advancement of Science (AAAS) Coalition Explores Perspectives of Indigenous Communities on Climate Change (*Shared by Sue Wotkyns*)

Overview of a panel on “*Indigenous Voices in Scientific Debate: Human Rights, the Environment and Climate Change*” at the January meeting of the American Association for the Advancement of Science and Human Rights Coalition. http://www.aaas.org/news/releases/2012/0206indigenous_rights.shtml

PNW TRIBAL CLIMATE CHANGE PROJECT UPDATES

Traditional Knowledge and Climate Change Synthesis

This draft synthesis is available for review and is intended to frame the applicability of TEK within a climate change context. The report includes various examples of indigenous groups, agencies and organizations incorporating TEK into various types of research, education and resource planning efforts. These examples can serve as ideas for tribes and public and private partners with an interest in exploring the role of TEK in addressing climate change. The January draft is attached to the email with these meeting minutes, but we are in the process of making revisions.

⇒ **Action Item:** If you have any feedback on the draft Traditional Knowledge and Climate Change

Synthesis, additional literature, or questions, please contact kathy@uoregon.edu.

Questions and discussion:

- Frank Lake asked if we are interested in additional literature. The report is still in draft form and we are very interested in receiving additional literature that may be relevant.
- Preston Hardison mentioned that he maintains a large database related to climate change adaptation, which includes hundreds of references to TEK literature that he would like to see publically accessible. John Mankowski with the North Pacific LCC suggested that he would contact Preston to discuss the possibility of that in the future.
- Christian Giardiana noted the table from the Alaska Native Science Commission that compares traditional and scientific knowledge, and asked if we would consider adapting this so that it is more explicit about the relationship between traditional knowledge and *Western* scientific knowledge. Kathy and Kirsten will work with Christian and Frank to examine this and potentially develop a new framework based for the next revision.
- Preston Hardison suggested that part of the framing of the paper should go beyond just TEK holders and scientists, and talk about the government role as well. He talked briefly about co-management and self-management of resources in regards to adaptation and climate change, and also emphasized the critical need to protect sensitive traditional knowledge.

Consultation Policy Review

We will release a draft report on our research examining government-to-government relationships in the context of climate change this month. The report examines the scope of more than 20 federal consultation policies in the context of climate change and highlights specific policies that include mechanisms that may result in more direct and meaningful consultation on climate change issues. The conclusion of the report provides a summary of key considerations and recommendations to strengthen the federal-tribal relationship in understanding and addressing the impacts from climate change.

National Climate Assessment – Final Call for Technical Input

The deadline for technical input for the tribal chapter of the National Climate Assessment (NCA) is March 1st. The tribal technical input team is compiling relevant data and information related to tribes and climate change including literature reviews, discussion papers, case studies, data and modeling results for the Pacific Northwest, and for the forestry sector nationally. Please contact Kathy at kathy@uoregon.edu with relevant information on tribal efforts to address climate change for sectors and cross-sectoral chapters that will be addressed in the NCA. If you are seeking more information on the NCA Assessment, you can visit: <http://www.globalchange.gov/what-we-do/assessment>. Sue Wotkyns and Bull Bennett also organized a webinar on Tribes and the NCA in December. This webinar is available at: http://www4.nau.edu/itep/climatechange/tcc_webinars.asp.

⇒ **Action Item:** If you have technical input you would like to submit for the National Climate Assessment, see [Appendix A](#) for a listing of the information we are hoping to gather for the tribal technical input team. You can fill this form out and send it to kathy@uoregon.edu.

May 23 - 24, 2012 conference on Indigenous Peoples and Climate Change

On May 23-24, 2012, the University of Oregon will host a student-focused conference on Indigenous Peoples and Climate Change (<http://uoclimateconference.wordpress.com>.) Students from a diversity of disciplines will present research related to climate and culture in the Americas. Keynote speakers include Daniel Wildcat and Larry Mercurieff. More information on the conference is available at:

⇒ **Action Item:** The PNW Tribal Climate Change Project will be supporting three tribal college students to present at the conference. See [Appendix B](#) for the call for abstracts, or email kathy@uoregon.edu if you know of a tribal college student who might like to attend.

NATIONAL FISH, WILDLIFE AND PLANTS CLIMATE ADAPTATION STRATEGY

The second draft of the National Fish, Wildlife, and Plants Climate Adaptation Strategy, titled “Public Review Draft” is available for review and comments are due on March 5th, 2012. Tribal consultation sessions, public meetings and webinars are available through February (go to links below for dates and locations). Tribes are encouraged to participate in these sessions and provide comments about the strategy. Relevant links:

- Download the draft report: <http://www.wildlifeadaptationstrategy.gov/public-review-draft.php>
- Submit comments: <http://www.wildlifeadaptationstrategy.gov/public-comments.php>
- Register for the informational webinar scheduled for February 22, 2012: http://training.fws.gov/CSP/Resources/climate_change/webinar_request_special.html

Tribal consultation sessions have been scheduled to provide opportunities for consultations between the federal government and tribal leaders and/or their designated representatives. The goal of these sessions is to provide more information about the development and goals of the Strategy, respond to questions, and receive tribal comments verbally or in writing. Information on the remaining consultation sessions is listed below and at: <http://www.wildlifeadaptationstrategy.gov/tribal-consult-sessions.php>

Crystal Gateway Marriott* 1700 Jefferson Davis Highway Arlington, VA 22202 <i>*Part of USET Impact Week</i>	February 15, 2012	3:15 PM – 5:00 PM
Squaxin Island, Little Creek Resort 91 West State Route 108 Shelton, WA 98584	February 16, 2012	1:00 PM – 5:30 PM
National Indian Program Training Center 1011 Indian School Road, NW Suite 254 Albuquerque, NM 87104	February 23, 2012	9:00 AM – 1:00 PM
U.S. Fish and Wildlife Service Ecological 9014 East, 21st St. Tulsa, OK 74129	February 28, 2012	1:00 PM – 5:00 PM

Discussion and Questions

Laura Gephardt with the Columbia River Intertribal Fish Commission led a discussion about the NFWPCAS by providing some background on the development of the strategy and the establishment of the steering committee, management team and five technical teams that worked towards an overall goal of having a report on climate impacts and goals, strategies and actions for the next five years to help reduce impacts of climate change on fish, plants and wildlife. There were tribal representatives on each technical team, many of whom were BIA representatives. Laura served as a co-chair of the inland water ecosystem technical team.

They are now hoping to gain as much input as possible. Laura mentioned the consultation session (listed above), though she suggested that they have been more like a tribal information session. She mentioned that in the Northwest, there would be a session on February 16 (see above) at the Squaxin Island Little Creek Resort in Shelton, WA. This will take place on the last day of the ATNI meeting. They are hopeful that tribal leaders will stay and attend that session. BIA will be the lead in running the session. Since John Antonio has moved into a new position and is no longer the BIA Climate Change coordinator, Scott Aiken, Deputy Regional Director for Indian Services in the Northwest will lead the session.

Laura had a chance to review notes from the two consultation sessions that took place in January, and suggested that concerns from the first two meetings seemed to focus on how actions will be implemented and where funding for implementation will come from.

Olin Anderson, Pyramid Lake Paiute Tribe attended the NFWPCAS consultation session in Sacramento on January 30th and shared his perspectives on the meeting. He suggested that some discussion at the meeting centered on the fact that it did not seem to be a government-to-government consultation, and that it was more of a conversation. Olin suggested that as this strategy may become a sort of blueprint for adaptation plans and frameworks, and as such, tribal input is critical. He also suggested that the strategy should be clear about how future communication with tribes occurs. Olin suggested that if there had been more outreach and prep work before the meeting to help tribes learn about the NFWPCAS, there might have been a better opportunity to have substantive discussions about the content of the report.

Laura said that she would outreach to Scott Aiken in advance of the February 16th meeting to talk about these issues.

Olin suggested that he would like to see a series of webinars to continue communication about this effort.

Garrit Voggeser wasn't able to be on the call, but sent a note saying that the National Wildlife Federations' comments will likely be high level, focusing on continued collaboration after the completion of the strategy and emphasizing that work must be done to implement the strategy. I will emphasize the same thing for tribes, particularly strong tribal engagement and assistance to tribes for adaptation implementation.

Preston suggested that many tribal staff are becoming aware of these types of processes, but it is important to move out of the staff level and get tribal leadership engaged in learning about these efforts, participating in webinars, and providing comments. Consultation can help get tribal leadership involved.

⇒ **Action Item:** Anyone interested in providing comments on the National Fish, Wildlife and Plants Climate Adaptation Strategy must submit them by March 5, 2012 at:
<http://www.wildlifeadaptationstrategy.gov/public-comments.php>

REGIONAL CLIMATE CHANGE COORDINATION AND TRIBAL ENGAGEMENT

In an effort to think about how federal agencies, universities and other partners involved with the Landscape Conservation Cooperatives, Climate Science Centers and other entities can more effectively engage tribes, John Mankowski and Lief Horwitz shared some ideas stemming from recent conversations with tribal staff and federal agencies engaged in these efforts. Following is a summary prepared by John and Lief Horwitz to describe a proposed approach to tribal engagement across these regional efforts to study, address and communicate climate change effects and adaptation strategies in the region.

Summary from John Mankowski and Lief Horwitz: Improving How We Do Business

Tribes, First Nations and Alaska Natives are interested, concerned, and active in climate change and its effects on cultural and natural resources important to them. Several regional efforts are underway that are related, least in part, to study/address/communicate climate change effects and adaptation strategies in the Northwest American Continent. Some of these include:

- PNW Tribal Climate Change Network, Kathy Lynn at Univ. of Oregon
- North Pacific and Great Northern Landscape Conservation Cooperatives (NPLCC and GNLCC)
- Alaska and Northwest Climate Science Centers
- Climate Impacts Research Consortium at OSU (CIRC)
- Climate Impacts Group at UW (CIG)
- C3 - a regional forum of agency and science center climate change coordinators and leaders

Each of these entities value input and partnerships with interested Tribes, First Nations, and Alaska Natives. However, significantly greater coordination/integration is needed between these efforts to ensure effective and efficient communication is advanced among all parties. It has been suggested that a small workgroup with representatives from the 8 organizations listed above convene themselves, review programs, timelines, and information needs, and suggest options to best achieve the goal of effective and efficient interaction with Tribes, First Nations, and Alaskan Natives. These options/proposals would be distributed presented broadly and discussed during future meetings of this Network and its participants.

In addition to the task described above, several informal discussions have led to a brainstorm list of additional opportunities to improve our partnerships. These include:

- Prepare and host a Policy Tribal Climate Summit for Tribal leadership
 - Present examples of climate change affecting tribal natural and cultural resources
 - Projections for future climate effects
 - Adaptation strategies others are using or contemplating
 - Discuss ways to engage in international, national, and regional climate change efforts
- Ask the NWF (Patricia Tillman and Dan Sieman) to lead a structured expert webinar to present a synthesis of climate change information and solicit Tribal/First Nation input on science/TEK priorities and information needs -- and do it in a way that meet best meets the needs of the 8 entities listed above.
- Create a regular engagement and standing LCC & CSC slot on the agenda of the PNW Tribal Climate Change Network
- Build grad student capacity, with scope of students work determined by tribes
- Provide regular (twice yearly?) presentations to groups like ATNI, CRITFC, NWIFC etc
- Circulate grant/funding opportunities (but be sensitive to not building competition for opportunities that tribes are already using)
- Provide Tech support aka "Genius Bar" approach:

- Provide funded technical assistance so experts can “meet” (virtually or otherwise) with tribes and provide help on specific projects
- Have the LCCs and CSC provide technical webinars with experts present to answer specific questions they have about the techniques, etc
- Connect tribes to other webinars
- Arrange for assistance from grad students with tasks such as literature searches/inventories for specific issues (ex. ocean acidification)
- Arrange for assistance with development of adaptation strategies or access to applicable examples
- Provide free or inexpensive access to journals

Discussion and Questions:

John and Lief asked for feedback from participants on the call about if the creation of a workgroup with representatives from the 8 organizations listed above would be a good strategy in terms of reviewing programs, timelines, and information needs, and to suggest options to best achieve the goal of effective and efficient interaction with Tribes, First Nations, and Alaskan Natives.

Claire asked how far into Alaska outreach might go. John suggested that since the range of the North Pacific LCC was in Southeast Alaska, it might make sense to just focus outreach and coordination in that part of Alaska for now. Kathy asked if the Great Basin LCC might also be included. John suggested that involving the Great Basin LCC would make sense, and that the focus would be on convening efficient and effective interactions.

John clarified that this level of coordination wouldn't negate the need for tribal participation at a local level with the LCCs, but broad coordination could maximize the input provided by tribes, and foster significant tribal engagement, while also reducing the “burden” on tribes to respond to numerous agencies with the same kind of information.

Christian later asked if there was a formal exchange across LCCs, and would that include Hawaii, where there is strong indigenous representation on the LCC. John said that there is a lot of coordination across LCCs. In the near future, he suggested there would be a focus on coordinating tribal engagement in the Northwest, but that sharing information and ideas with the Pacific islands would be valuable in the future.

Steve Todd with the Suquamish Tribe suggested that a number of the proposed ideas would be useful and were reflective of conversations that took place at the climate change vulnerability assessment training in January at Pack Forest. Preston suggested that a two-day session for agency staff to participate in training on tribal issues, treaties, protocols, etc. would also be something to consider.

⇒ **Action Item:** Kathy will put a discussion about the proposed ideas presented by John and Lief on the agenda for our next call, and resend the information they put together prior to the call so that participants can digest the ideas and provide feedback.

IDENTIFYING CHALLENGES AND OPPORTUNITIES FOR ADDRESSING CLIMATE CHANGE IMPACTS IN THE NORTH PACIFIC LANDSCAPE CONSERVATION COOPERATIVE

Patricia Tillman provided background information on the focus groups that NWF has been organizing for the North Pacific LCC and facilitated a brief discussion of some of the key questions and input that NWF is seeking through this process. Because we had very limited time for this conversation, Patricia provided a written summary and list of questions on the following page.

Discussion and Questions

Patricia asked if there was anything missing in terms of the needs outlined in the summary of tribal climate needs, questions and concerns.

- Preston suggested that off-reservation issues should include consideration of tribal treaty and reserved rights, as well as un-navigated rights on state and private lands. Species may shift off of the areas where tribes have rights.
- Olin suggested that as a water quality standards specialist, on and off-reservation issues include the delivery and quality of water and wanted to make sure that all resources are considered.

Patricia asked about the kind of data that would be most valuable in identifying climate impacts.

- One suggestion for applied science needs was down-scaled data in order to understand the drivers and linkages between systems and species and characterize a wider set of relationships on the landscapes, and access data to work out solutions on a landscape level.
- Eric White with the Cowlitz Indian Tribe talked briefly about white-tailed deer in the lower Columbia River estuary. Historically, there have been efforts to trans-locate them island by island, but it may be that a different strategy is needed. He suggested there is a huge amount of need in terms of data and projections to help inform management of this endangered species.

Patricia asked about capacity and the types of priorities people have in regards to climate change impacts, and key species or groups that people would like more information on.

- Olin suggested that having more resources to understand the stressors would be helpful

Patricia closed this discussion by asking about the key support items needed to make work easier and more effective?

- Preston mentioned that Terry Williams has talked about the need for tribal space to meet on these issues. He suggested that rather than a quick laundry list, it could be effective to have a meeting to work through priorities and identify the science that is most needed.

⇒ **Action Item:** Opportunities to engage with this project further include the following:

- Attend in-person focus group meetings, which will inform the priorities in the North Pacific LCC Science Plan
 - February 28 in Portland, Oregon **OR** April 20 in Juneau, Alaska.
 - Contact Patricia Tillmann at tillmannp@nwf.org or (206) 577-7824 for more information.
- Comment on final report for North Pacific LCC, which will inform their short- and long-term science planning and prioritization activities (Spring 2012).
- Additional opportunities may arise. We will coordinate with Kathy Lynn to communicate these.

Summary and Questions Submitted by Patricia Tillman, National Wildlife Federation

Project Background – *specific information for Tribes, First Nations, and Alaska Natives*

The goal of this conversation is to identify the challenges and information needs associated with managing tribal lands and resources in light of current and projected climate change impacts to marine and freshwater ecosystems. Our discussion is one of thirteen similar discussions taking place throughout the North Pacific Landscape Conservation Cooperative (NPLCC) this year. National Wildlife Federation (NWF), in collaboration with the NPLCC and University of Washington Climate Impacts Group, is facilitating these exchanges to hear from resource managers, conservation practitioners, and others about how climate change is impacting their work and what strategies, information, tools, and other support items the NPLCC could provide to help address climate change more effectively. The NPLCC will use these results to inform their selection of science priorities optimized to meet the needs of those working in the region and best-suited to facilitating landscape-scale conservation, climate change adaptation, and cross-boundary collaboration.

Summary of tribal climate needs, questions and concerns – *from Tribal Climate Change Project website, relevant reports, other focus groups, and pre-focus group survey*

- Management of on- and off-reservation (& treaty rights areas) resources (both current & future):
 - Given climate change, what are the challenges, opportunities, and implications for tribes and federal land managers?
 - What are the treaty rights and federal land management obligations in the context of changing composition and distribution of culturally important on- and off-reservation (& treaty rights areas) species?
 - How will the composition and distribution of culturally important species change due to climate change? For example, which species will become off-reservation (or off-treaty rights areas) and which species will be viable in the future?
 - What strategies and actions can we take to address projected changes in the composition and distribution of culturally important species?
- Guidance on consultation with regard to climate change
- Traditional ecological knowledge and climate change
 - Consideration and contribution of tribal and native knowledge to understanding current and projected climate change impacts
 - Culturally appropriate strategies and actions to address climate change
 - More information on connectedness among natural and human (social, cultural, etc.) systems, including information from indigenous perspective to contextualize impacts
- Increased capacity to:
 - Understand and respond to climate change impacts on tribal lands and resources
 - Example: How will climate change affect hatchery programs?
 - Conduct education & outreach within tribe (leaders, members, staff) to stimulate interest and action on climate change – show relevance to existing work
 - Participate in consultation activities
 - Attend conferences and workshops
 - Contribute to climate change and adaptation research/planning with federal, state, and other partners

Sample Questions – organized by the six themes that emerged from pre-focus group survey. Send replies to Patricia Tillmann (tillmannp@nwf.org or 206.577.7824)

1. Identifying and using science, data, tools, and/or information

- In your work, are there decisions or projects that are hindered because of a lack of climate change-related research, information, or data? If so, what are they and what is lacking?
- How do you currently acquire information on cultural and natural resource management needs in the context of current and projected climate change impacts? How well is your approach working?
- What climate-related information do you (or would you) use in your work?

2. Capacity (people, financial, technical, political, institutional)

- We know that capacity is a big concern for tribes. What are your primary capacity needs? For those in the NPLCC, what capacity needs would be most helpful for the NPLCC to address, and what would you do with that capacity?
- What are the key challenges associated with a lack of capacity to address climate change?
- Given that we do have some information on climate change impacts, do we know how to use it well? For example, do we have the tools to use data well?
- Assistance incorporating climate change into existing work is a commonly stated need. What specific assistance are you looking for (e.g., scenario selection, selecting & prioritizing adaptation options, incorporating uncertainty, vulnerability assessment, etc.)?

3. Institutional, political, cultural, and/or social factors

- How is climate change information currently incorporated into decision making?
- What do the chiefs or other tribal leaders ask in regard to climate change?
- What decisions do resource managers need to make?
- For those of you who advise decision makers and managers, what kinds of questions do they ask you and what challenges are they facing for which easy answers are not yet available?

4. Coordination, collaboration, and communication

- Who do you need to communicate and coordinate with and why? What are you specifically trying to communicate and coordinate more effectively?
- What is (are) the best mechanism(s) for improving communication and coordination?
- Are there adequate opportunities for learning from peers working in similar ecosystems located in different jurisdictions or organizations?
 - If yes, are you able to take advantage of these opportunities? If no, what could be done to facilitate this? A “climate clearinghouse,” “Wiki,” or other type of portal has been suggested – would this be a helpful way to connect with peers?
 - What do you (or would you) like to ask your peers? How would this help you address climate change and make the decisions you are required to make?

5. Addressing uncertainty

- What are the key sources of uncertainty in your climate change work?
- Scenarios are a commonly cited method to address uncertainty.
 - Would scenarios be a helpful tool to address uncertainty in your work? If so, what type of scenario(s) would be helpful and why?
 - What timeframes do you need scenarios for? When do you need them by?
 - Do you already use scenarios in your work? If not, does your organization have trained staff to conduct this type of work?

6. What are the key questions and priorities with regard to climate change?

- What are the most important questions about climate change impacts and adaptation that you or the tribe need answered in order to focus your cultural and natural resource priorities? For example:
 - Key species or species groups you need more climate information on?
 - Key thresholds you are concerned about? What specific information is needed?
- What are the key support items the NPLCC could provide to make your work easier and more effective in addressing climate change?

Contact Person: Patricia Tillmann (NWF), tillmannp@nwf.org, (206) 577-7824

APPENDIX A. NATIONAL CLIMATE ASSESSMENT – TRIBAL TECHNICAL INPUT TEAM – REQUEST FOR INFORMATION

Document title:

Citation:

Abstract/Summary:

Website URL:

Date:

Keywords:

Type of literature: *e.g., peer-reviewed article, Agency report, gray literature, traditional knowledge, etc.*

Regions addressed:

- Northeast
- Southeast and Caribbean
- Northwest
- Southwest
- Midwest
- Great Plains
- Alaska and Arctic
- Hawaii and the Pacific Islands
- National

Sectors/issues addressed:

- Water Resources
- Energy Supply and Use
- Transportation
- Agriculture
- Forestry
- Ecosystems and Biodiversity
- Human Health

Bio-geographical Cross-Cuts

- Oceans and marine resources
- Coastal zone, development and ecosystems
- Drainage basins

Sectoral Cross-Cuts

- Water/Energy/Land Use (including agriculture, forestry)
- Urban/Infrastructure/Vulnerability
- Impacts of climate change on Tribal/Indigenous and Native Lands, and Resources
- Land use/land cover change
- Rural Communities, Agriculture, and Development
- Impacts on biogeochemical cycles, with implications for ecosystems and biodiversity

Other:

- Mitigation
- Adaptation
- TEK

Additional Notes:

APPENDIX B. CALL FOR ABSTRACTS – INDIGENOUS PEOPLE, CLIMATE CHANGE AND ENVIRONMENTAL KNOWLEDGE CONFERENCE

**Indigenous People, Climate Change, and Environmental Knowledge Conference
University of Oregon - May 23-24, 2012**

CALL FOR PROPOSALS

Students researching any aspect of climate change and indigenous peoples anywhere in the Americas are invited to submit proposals to present their work at a student-focused conference at the University of Oregon on May 24, 2012. Research from any discipline and any geographical region within the Americas is acceptable. Topics may range from public perceptions of climate change, policies, climate change impacts, adaptation, mitigation, history, or traditional ecological knowledge (TEK). The goals of this conference are to promote student research, provide professional experience for students, and generate dialogue about the critical issues facing indigenous peoples related to climate change.

SCHOLARSHIPS FOR TRIBAL COLLEGE STUDENTS

Scholarships for at least three tribal college students will be awarded. These scholarships will include funding for travel, lodging and meals during the conference. Students awarded these scholarships will be invited to attend the full conference, give a 15-minute presentation during a panel, participate in one class session of the "**Climate and Culture in the Americas**" course, and sit in on a meeting of the Pacific Northwest Tribal Climate Change Network that will take place on May 23, 2012.

APPLICATION PROCESS:

Please send the following items:

- (1) An abstract of no more than 300 words explaining the research you plan to present.
- (2) A résumé including your full contact information and a valid email address.
- (3) A brief cover letter expressing your interest in participating in the conference and your experience through classes, research, or otherwise working on climate change issues with indigenous populations.
- (4) Name and contact information of your faculty advisor.

Send applications that include a request for scholarships by email to Kathy Lynn: kathy@uoregon.edu.

Application deadline for scholarships: February 15, 2012

Conference Website: <http://uoclimateconference.wordpress.com/>

Pacific Northwest Tribal Climate Change Project: <http://tribalclimate.uoregon.edu/>
