

**North Pacific Landscape Conservation Cooperative - Tribal Climate Change Partnership:
Climate Science Connections Database
July 2015 – December 2015**

Amendment Abstract

The University of Oregon Environmental Studies Program (UO ENVS) is proposing to work with the North Pacific Landscape Conservation Cooperative in support of the Pacific Northwest Tribal Climate Change Project, which is aimed at building an understanding of the impacts that climate change may have on American Indian and Alaska Native tribal culture and sovereignty. This agreement will focus on supporting the Pacific Northwest Tribal Climate Change Project and developing resources that foster partnerships, knowledge exchange and outreach opportunities between tribes, climate scientists and other climate change partners in the region. The scope of work below describes the work that will be completed through this agreement in 2015.

Background

In October 2010, the University of Oregon Environmental Studies Program initiated a collaborative partnership with the USDA Forest Service Pacific Northwest Research Station focused on understanding tribal climate change initiatives around the United States. Although American Indian and Alaska Native tribes have contributed little to the causes of climate change, they face disproportionate risks. Tribes have unique rights, cultures, and economies that are, or could be, vulnerable to climate change impacts. For indigenous peoples, the environmental impacts of climate change and some of the proposed solutions threaten ways of life, subsistence, economic ventures, future growth, cultural survivability, rights, land ownership, and access to natural, cultural, technical, and financial resources.

This PNW Tribal Climate Change Project is aimed at building an understanding of the needs, lessons learned, and opportunities that American Indian and Alaska Native tribes have in planning for the effects of climate change and reducing greenhouse gas emissions. Through this effort knowledge, tools and skills to help tribes address climate change will be shared through presentations, publications and other resources. We are also building awareness among non-tribal communities, organizations, research institutions and agencies about issues, challenges, and opportunities that tribes face in the context of climate change.

Scope of Work:

The funding for the project will support the Climate Science Connections project as described in task 1 below.

Task 1. Climate Science Connections

As tribes work to adapt to climate impacts, they face increased need for useful, accessible scientific data and partnerships with scientists and scientific organizations. In order to facilitate increased tribal access to scientific resources, the TCCP will develop and maintain a Climate-Science Connections Database. The Database will catalog information about climate scientists and scientific organizations in the Northwest. In order to successfully develop the Database, the TCCP will amass information about existing climate scientists and scientific research organizations and organize this information into a database that is user-friendly and accessible to tribes. The TCCP will draw on information from universities, research institutes, government agencies, and existing, non-published climate scientist directories developed by the NPLCC and others to create entries for the Database.

The TCCP will publish the Database online using the platform from the existing [TCCP Funding Guide](#). To accomplish this, the TCCP will work with the University of Oregon College of Arts and Science

Internet Technology Department (CASIT) to facilitate technical development and support for the online Database. CASIT Web Service will create a new "tab" in the Tribal Climate page that will display a new google sheet. The new tab will contain data split from the current Tribal Climate page. The new tab will require similar setup that is one google sheet for data, one for the paragraph (unless this is similar to the current sheet) and one for the range.

CASIT Web Services will create the new tab and setup drop-down filters like the current page. The google sheets will be setup by the TCCP and CASIT will be given access to get the information to setup the new tab.

CASIT Web Services will also add partner logos for those organizations involved in supporting the TCCP, including the UO, NPLCC and the USDA Forest Service, to the current site and the new tab. CASIT will set this up on a development site to review before making it live.

CASIT can also set up a separate URL for the current site (and new tab), such as <http://tribal-climate-guide.uoregon.edu> or something similar. It would make this site separate from ENVIS and we would automatically direct traffic from the current URL to the new one if you wanted to do this. There is no charge for setting this up.

TCCP staff will regularly update and maintain the database and make efforts to publicize the database to tribes and tribal organizations.

Deliverables

- Review of existing databases and information regarding climate scientists in the region. This includes the 2012 database developed by the North Pacific Landscape Conservation Cooperative and the database developed by the Pacific Northwest Climate Change Collaboration (C3).
- Development of the online Climate-Science Connections Database
- Communication about the Climate – Science Connections Database with regional partners, including the Pacific Northwest Tribal Climate Change Project.
- Regular updates to the Database on the Tribal Climate Change Project website

Budget *See attached*
