

Project Title: *Cascadia Transboundary Adaptation Efforts*

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Project PI(s) and Collaborators: CNW—Jen Watkins (jwatkins@conservationnw.org); UW—Meade Krosby (mkrosby@uw.edu); Cascadia Partnership Forum Leadership Council

Performance Period

September 1, 2012 through the present under agreement number F12AP00833

Award Total

\$39,886 (\$26,814 for UW climate analyses, \$4000 for WildLinks 2012, \$1000 for Cascadia Partner Forum, \$5000 for WildLinks 2013, and \$3072 for 2013-2014 Conservation NW capacity to the GNLCC Science Plan)

Project Overview

The project's goals were to further planning, science, and adaptation networks within the transboundary Cascadia ecosystem through various efforts. WildLinks is an annual meeting bringing together natural resource practitioners, funders, and decision makers throughout the ecosystem to share information and coordinate around adaptation planning on priority issues in Cascadia. Each annual meeting had a clear set of objectives established that drove the agenda of the meeting. New science is being developed through the Washington Wildlife Habitat Connectivity Working Group that brings together the scientific community specific to the transboundary landscape of focus for this work. Finally, the Cascadia Partner Forum aims to unite the audiences of both WildLinks and the Working Group while bringing in a wider pool of natural resource practitioners throughout the ecosystem.

Deliverables

WildLinks 2012 was completed with outcomes summarized in a general report prepared by Andrea Lyons, formerly with the US Forest Service. The report is available at <http://www.conservationnw.org/what-we-do/wildlife-habitat/wild-links-2012/wildlinks-2012-general-technical-report>

WildLinks 2013 was completed with the outcomes summarized in a general report prepared by Cascadia Partner Forum fellow Jon Beppe. The report is available at http://cascadiapartnerforum.org/wp-content/uploads/2014/03/WildLinks_2013_Final_JBeppe.pdf

Jen Watkins participated in the development of the GNLCC Science Plan that is available at http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_science_plan.pdf

The deliverable for the transboundary climate adaptation work led by Meade Krosby of University of Washington in coordination with the Washington Wildlife Habitat Connectivity Working Group will be summarized in a public report with associated data layers available in early 2016. The timeline of other funding sources that contributed to other components of this large transboundary project between British Columbia and Washington was slightly longer than this agreement, so the public release of the final report will be available when all pieces are complete. A description of progress completed with your funds is below, and a final copy of the report and data layers will be shared directly with you once it is public.

Accomplishments

Two successful WildLinks conferences summarized in our deliverables with information on objectives, attendees, and content covered.

The University of Washington used NPLCC funds to support a postdoctoral researcher to help incorporate results of the Pacific Northwest Vulnerability Assessment into the Washington-British Columbia Transboundary Climate-Connectivity Project. These funds and related activities were leveraged as part of a much larger project supported by the Great Northern LCC, Wilburforce Foundation, and the Northwest Climate Science Center; final reporting for this project will be completed on April 30, 2016, at which time all project map products and reports will be made available on the NPLCC Atlas on Data Basin. Interim products completed by September 2015 included:

- Preparation of climatic niche models estimating changes in areas of climatic suitability for 12 case study species
- Conceptual models illustrating potential climate impacts on connectivity for case study species
- Draft reports summarizing key climate impacts on transboundary connectivity and adaptation actions for addressing these impacts for case study species
- Workshops (3) and webinars (6) that assisted transboundary practitioner partners in accessing, interpreting and applying climate and connectivity models to their decision-making
- Numerous conference and webinar presentations describing project methods and preliminary results

As multiple funding sources allowed completion of different deliverables in this large transboundary project, please let us know if further information on the deliverables completed within this award period with NPLCC funding is needed. Otherwise to tell a comprehensive story of the full work that these deliverables are included within, the University of Washington will provide the NPLCC with a full description of project deliverables and accomplishments when they deliver their final report to the NW Climate Science Center on April 30, 2016.