

Pacific Northwest CESU

2015 Fall Partners Meeting

December 14th 10:30am - 12:30pm

University of Washington

Teleconference

877-909-6472

Passcode: 3686248



Agenda

1. Welcome and Introductions
2. PNW CESU Program Activity
3. National CESU Updates
4. Renewal Update & Reviewer Recommendations
5. PNW CESU Annual Work Plan
6. PNW CESU FY15 Fiscal Review
7. Partner Updates
8. Next Meeting

PNW CESU Partners

Federal agencies

- Bureau of Indian Affairs (BIA)
- Bureau of Land Management (BLM)
- Bureau of Reclamation (USBR)
- Bureau of Ocean Energy Management (BOEM)
- Department of Defense
- National Oceanic and Atmospheric Administration (NOAA)
- National Park Service (NPS)
- Natural Resources Conservation Service (NRCS)
- U.S. Army Corps of Engineers (USACE)
- U.S. Fish and Wildlife Service (USFWS)
- U.S. Forest Service (USFS) - Pacific Northwest Research Station
- U.S. Geological Survey (USGS)

Partner Organizations

Universities

- University of Washington - Host University
- Central Washington University
- Eastern Washington University
- Heritage University
- Oregon Institute of Technology
- Oregon State University
- Portland State University
- Saint Mary's University of Minnesota
- Southern Oregon University
- University of Alaska Anchorage
- University of Alaska Southeast
- University of British Columbia
- University of Idaho
- University of Oregon
- University of Vermont and State Agriculture College
- Washington State University
- Western Washington University

State Agencies

- Alaska Department of Fish and Game

Pacific Northwest CESU Program Activity

April 2014: PNW CESU Spring Partners Webinar

Nov 2014: PNW CESU Fall Partners Meeting at UW

Jan 2015: PNW CESU Cooperative Ventures e-Newsletter

Jan 2015: PNW CESU Renewal Self-Assessment submitted

Oct 2015: PNW CESU Master Agreement 2015-2020 (10/21/15 – 8/15/2020)

Notes:

- Bureau of Indian Affairs sent letter to join PNW CESU (11/2015).
- Center for Natural Lands Management, a non-profit referred to PNW CESU by Lucas Walsh (USACE), may be applying for membership (11/2015).
- OSU INR's Fall 2014 newsletter / website featured PNW CESU.
- NPS Climate Change Response Program Newsletter cover featured Pikas in Peril PNW CESU project (Q3 2015).
- Identified additional \$1million+ in PNW CESU project funding.
- Presentation made to UW SEFS faculty.

PNW CESU Renewal

- PNW CESU has been renewed for a 4th term (2015-2020)
- New Master Agreement is executed
- All university/state partners signed (almost all by the deadline)
- All federal agencies have signed except for DOD, NRCS
- USFS signed with some provisions
- New Agreement has changes from the last Master Agreement
- New Agency Agreement numbers will be listed on PNW CESU website

Master Agreement Changes

(see email attachment 'Agreement with Comments')

- OMB edits
- Art II.D.5, Statement of Work, pg 10, Provide data...
- Art III.A. Term of Agreement, pg 11, Adjustment of period of performance end date, to distance from end/begin of federal fiscal year (September 30/October 01).
- Art III.C.1.a, pg 11, Modification of new partner amendment signature process per CESU Network Council.
- Art III.C.1.b., pg 12, Modification of administrative amendment signature process per CESU Network Council.
- Art V.A, pg 19, Award, Modification of federal agency host institution support process per CESU Network Council.
- Art IX, pg 21, Termination, Modification to minimum notification requirement (i.e., from 30 days to 90 days) per CESU Network Council.

PNW CESU Renewal Reviewer Recommendations

- Meetings: Partner and agency attendance needs to increase
 - Partner Attendance for the four annual meetings held:
 - 4 did not attend any meetings
 - 8 attended 1 meeting
 - 2 attended 2 meetings
 - 1 attended 3 meetings
 - 1 attended 4 meetings
 - Agency Attendance for the four annual meetings held:
 - 2 attended 1 meeting
 - 3 attended 2 meetings
 - 2 attended 3 meetings
 - 4 attended 4 meetings
 - Recommended in person meetings held at partner sites
 - Ideas: Video meetings, symposium, awards for outstanding projects for graduate/undergrad students?

PNW CESU Renewal Reviewer Recommendations

- Strategic Plan
 - Not many changes from previous Strategic Plan.
- Potential Partner outreach
 - Reach out to non-profits and other potential partners.
 - Fall 2015: Contact with the Bureau of Indian Affairs
 - Fall 2015: Contact with non-profit Center for Natural Lands Management
- Federal agencies (NPS, BLM, others): explore mechanisms to identify expertise within underutilized partners

PNW CESU Renewal Reviewer Recommendations

- Increase Technical Representative activity
 - Forward funding announcements to your email lists
 - Read, forward, and supply content for our newsletter
 - Highlight PNW CESU in your organization's newsletter
 - Link to PNW CESU on your website
 - Respond to doodle polls/attend meetings
 - Identify your organization's process and contacts for beginning a project
 - Share PNW CESU information at your faculty or administrative meetings
 - Host a Spring or Fall PNW CESU meeting

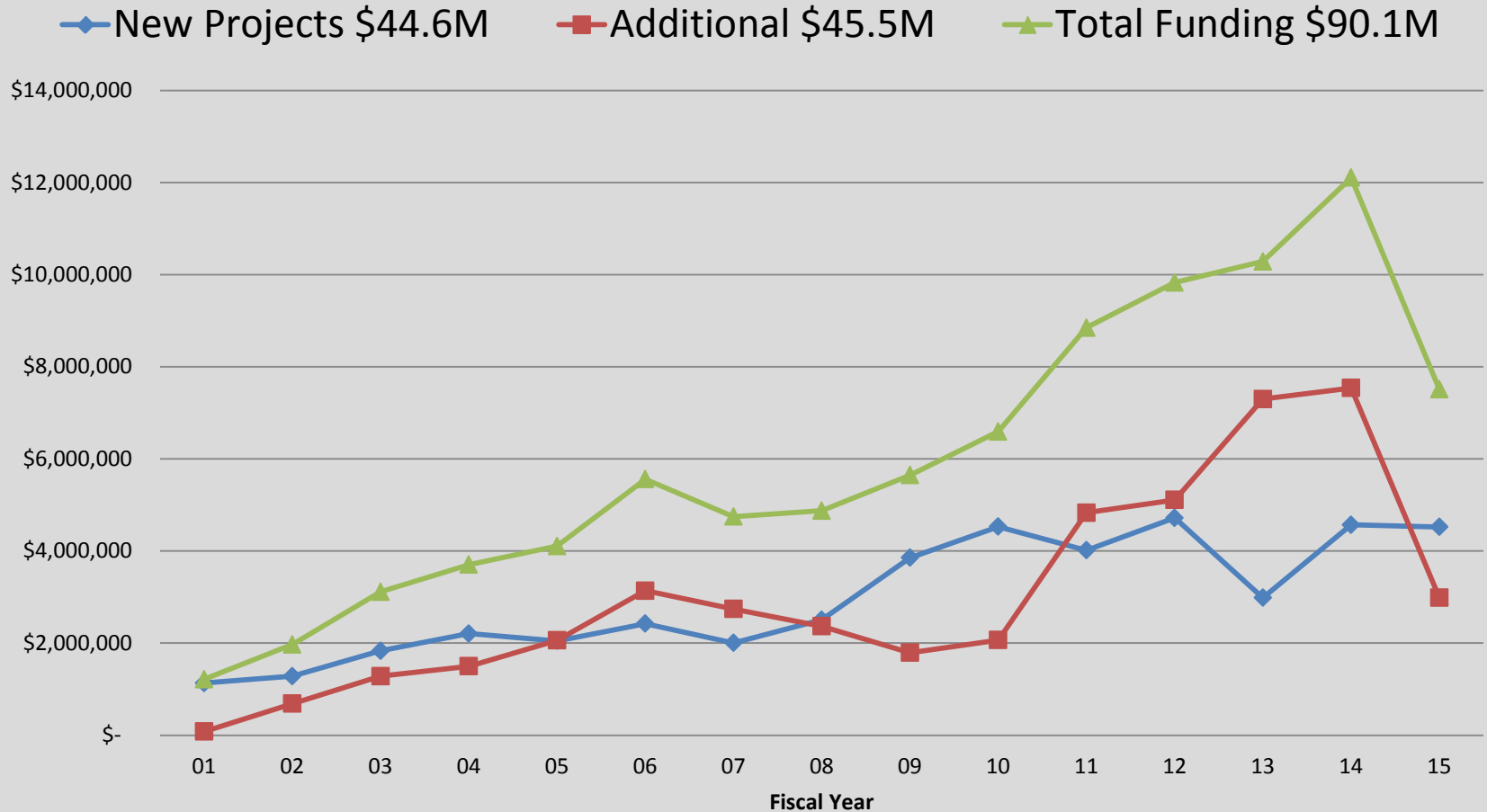
PNW CESU Annual Work Plan

- Develop and maintain website
 - Moving to new server, updating the style template and coding
 - PNW CESU website has the specific procedures for NPS, USGS, USACE, BLM; NOAA draft has been received
 - Regularly post agency needs and partner expertise on the web
- Publish PNW CESU newsletter
 - Newsletter issued Jan 2015; next Newsletter is Dec 2015
 - PNW CESU Newsletters will be shared via email and posted on our website
 - Partner or Agency specific content for organization's newsletter/website is available upon request
- Convene annual meeting of PNW CESU partners



PNW FY01 - FY15 Funding Overview

\$90.1M towards 766 projects





PNW CESU FY10 - FY15 Funding

\$55M for 325 projects

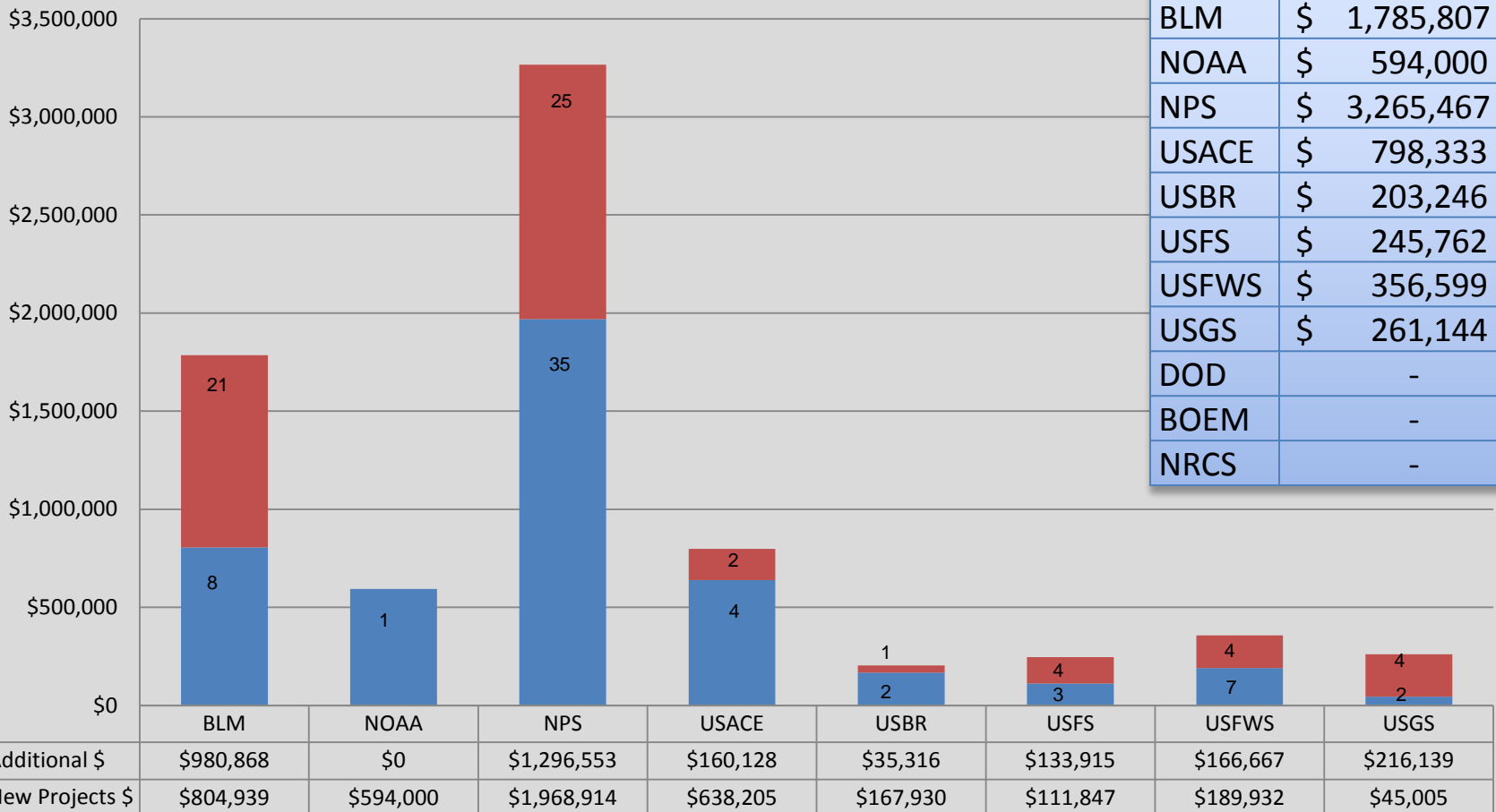
| | # of New Projects | New Project \$ | # of Cost Mods | Mod \$ | Total Funding \$ | % change from previous year |
|-------------|-------------------|--------------------|----------------|--------------------|--------------------|-----------------------------|
| FY15 | 62 | \$4,520,772 | 59 | \$2,989,587 | \$7,510,359 | -38% |
| FY14 | 62 | \$4,570,230 | 74 | \$7,538,491 | \$12,108,721 | 18% |
| FY13 | 52 | \$2,985,098 | 66 | \$7,299,476 | \$10,284,574 | 5% |
| FY12 | 56 | \$4,718,908 | 82 | \$5,110,726 | \$9,829,634 | 11% |
| FY11 | 69 | \$4,017,021 | 93 | \$4,832,078 | \$8,849,099 | 34% |
| FY10 | 86 | \$4,527,102 | 51 | \$2,065,358 | \$6,592,460 | 14% |



PNW FY15 Funding by Agency

\$7.5M towards 62 projects

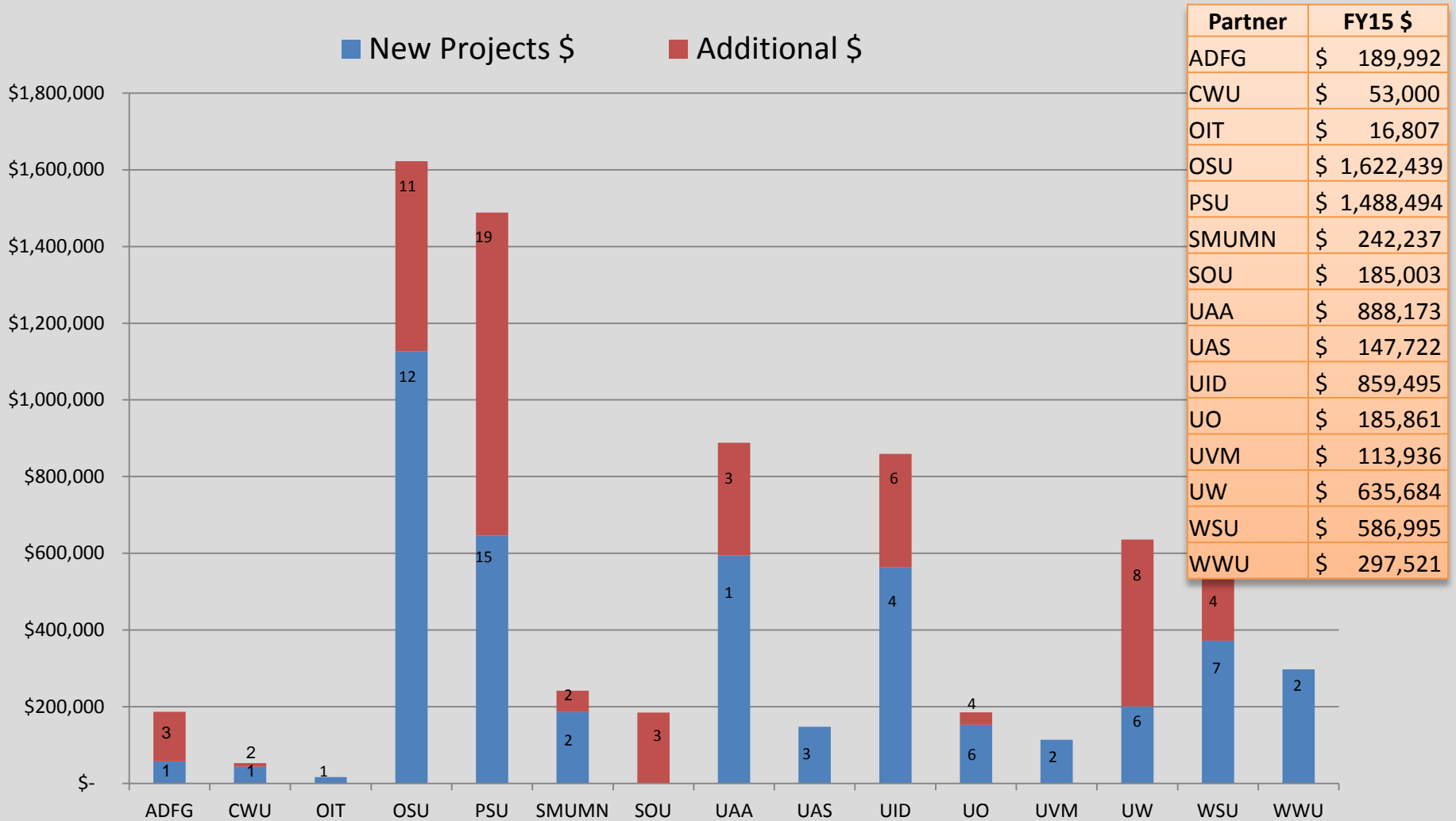
■ New Projects \$ ■ Additional \$





PNW FY15 Funding by Partner

\$7.5M towards 62 projects



PNW FY15 Projects

| Agency | Partner | Funding | Title |
|--------|---------|------------|---|
| BLM | OSU | \$ 100,000 | BLM OR/WA PNW CESU Managing Understories for Climate Change |
| BLM | OSU | \$ 99,998 | Westside Mature Forest Study |
| BLM | OSU | \$ 42,063 | Wild horse and burro contraceptive techniques and protocols |
| BLM | OSU | \$ 315,189 | WILD HORSE AND BURRO CONTRACEPTIVE TECHNIQUES AND PROTOCOLS: Evaluation of Minimally Invasive |
| BLM | PSU | \$ 77,500 | ORBIC Western Snowy Plover Monitoring and Nest Protection |
| BLM | PSU | \$ 15,983 | CCSP Western Lily Studies |
| BLM | WSU | \$ 24,206 | Sage-Grouse Movement Analysis, Spokane District |
| BLM | WSU | \$ 130,000 | Social Science Research, Recreation Visitor Satisfaction Surveys |
| NOAA | UAA | \$ 594,000 | Kachemak Bay National Estuarine Research Reserve |
| NPS | ADFG | \$ 58,000 | Hughes Subsistence Harvest Survey |
| NPS | CWU | \$ 44,000 | Sitka NHP Scholars-in-Parks Program |
| NPS | OIT | \$ 16,807 | Climate Change Scenario Planning for Montane and Subalpine Species |
| NPS | OSU | \$ 64,954 | "Qamani: Up the Coast, in My Mind, in My Heart" Iflupiaq Place Names, Vol. 2 |
| NPS | OSU | \$ 41,702 | High-resolution hydrologic modeling of Glacier Bay National Park |
| NPS | OSU | \$ 275,709 | Investigating the Effects of Vessel Traffic on Marine Mammal Vocalizations in Glacier Bay National Park and |
| NPS | OSU | \$ 20,000 | Modeling the Effects of Heavy Metals on Vegetation in Cape Krusenstern National Monument and Noatak |
| NPS | OSU | \$ 7,990 | Development of a National Parks and Protected Areas Cooperative Studies Program on the Oregon State |
| NPS | PSU | \$ 29,767 | Olympic National Park Vegetation Inventory Map Product Development |
| NPS | PSU | \$ 77,188 | Historic Resource Study of Vancouver Barracks at Fort Vancouver National Historic Site |
| NPS | PSU | \$ 37,576 | Analysis, Summary, and Public Archaeology Outreach of Artifacts from an Archaeological Field School at Fort |
| NPS | PSU | \$ 88,680 | Fort Vancouver National Historic Site Traditional Use Study |
| NPS | PSU | \$ 7,697 | Oligohaline Tidal Wetland Plant Community Restoration and Response to Changes in Tidal Flooding and |
| NPS | PSU | \$ 95,331 | An Ethnohistory of Native American Land and Resource Use at Whiskeytown National Recreation Area |
| NPS | PSU | \$ 24,950 | An Ethnohistory Study for Pinnacles National Park |
| NPS | SMUMN | \$ 126,337 | Extending Alaska Region National Hydrography Dataset Editing Protocols and Data Production to Accommodate |
| NPS | SMUMN | \$ 60,000 | Natural Resource Condition Assessment for Chickamauga and Chattanooga National Military Park |
| NPS | UID | \$ 14,048 | Long-term Monitoring of Quaking Aspen (<i>Populus tremuloides</i>) in the Upper Columbia Basin Network |
| NPS | UID | \$ 20,000 | Air Quality for Land Managers |
| NPS | UID | \$ 53,337 | Identify Vulnerable Populations of Dall's Sheep in Alaska's National Parks Using Climate Models |

| | | | |
|-------|-----|------------|---|
| NPS | UO | \$ 79,358 | Study of Climate Change Impacts on Cultural Landscapes in the Pacific West Region |
| NPS | UO | \$ 11,750 | Technical Assistance in Cultural Landscape Climate Change Adaptation |
| NPS | UO | \$ 55,000 | Historic Structure Report of the Oregon Caves Chalet |
| NPS | UVM | \$ 83,936 | Conducting Historic Preservation Field Schools to Assess and Stabilize the Silver Bell and Golden Bell Mines, |
| NPS | UVM | \$ 30,000 | Develop Technical Engineering Solutions to address Structural Deficiencies in Significant Traditionally-Built |
| NPS | UW | \$ 34,732 | Population Dynamics of Forest Carnivores in Denali |
| NPS | UW | \$ 20,500 | Using LiDAR Data to Assess Forest Structure and Fuels at Oregon Caves National Monument and Preserve and |
| NPS | UW | \$ 80,000 | Strategic Approaches for Climate Change Vulnerability Assessment across the National Park System |
| NPS | UW | \$ 12,000 | Using Satellite Data to Detect Changes in Glaciers in the Washington Cascades |
| NPS | WSU | \$ 49,671 | Nutrient Enrichment Critical Loads of Atmospheric Nitrogen Deposition for Aquatic Ecosystems in the Western |
| NPS | WSU | \$ 7,873 | An Evaluation of eDNA Technology to Detect Clandestine Human Activity at Sequoia and Kings Canyon |
| NPS | WSU | \$ 32,000 | Nutritional Ecology of Brown Bears on the Coast of Katmai National Park |
| NPS | WSU | \$ 10,500 | Using eDNA Technology to Detect Amphibians in Yosemite National Park |
| NPS | WWU | \$ 287,521 | Preparing National Park Service Records for Improved Public Access |
| NPS | WWU | \$ 10,000 | Plant-Pollinator Interactions in Montane Meadows at Mount Rainier National Park: Assessing Butterfly |
| USACE | OSU | \$ 51,135 | Developing Innovative Techniques for Assisted Species Dispersal to Minimize Potential Training Impacts |
| USACE | OSU | \$ 82,750 | Zebrafish Embryo Toxicity Assays |
| USACE | PSU | \$ 28,389 | Dexter Reservoir Water Quality Research and Evaluation Studies |
| USACE | UID | \$ 475,931 | Monitoring upstream migration and potential causes of prespawn mortality in adult UWR Chinook, 2015 |
| USBR | PSU | \$ 49,590 | Hydrodynamic and Water Quality Modeling of Lake Roosevelt |
| USBR | WSU | \$ 118,340 | Building an Integrated Data Harvester and Analysis Software for the Methow Basin with Future Linkages to |
| USFS | UAS | \$ 5,000 | WATERBIRDS ON THE COPPER RIVER DELTA |
| USFS | UAS | \$ 69,662 | COASTAL MARGIN CARBON CYCLES IN THE ALASKAN PERHUMID COASTAL TEMPERATURE RAINFOREST |
| USFS | UAS | \$ 37,185 | STREAM DISCHARGE AND WATER BALANCE IN ALASKA |
| USFWS | PSU | \$ 33,842 | Development of Pacific Region Invasive Species Prevention Policy and Associated Technical Resources |
| USFWS | PSU | \$ 23,975 | Cultural Resource Management Student Experience Program |
| USFWS | PSU | \$ 20,000 | Pacific Region Fishery Resources PSU Graduate Assistant |
| USFWS | PSU | \$ 35,944 | 2016 WSP Nest Monitoring & Protection |
| USFWS | UAS | \$ 35,875 | Ice2O: Assessing Icefield-to-Ocean Change in the PCTR |
| USFWS | UO | \$ 7,003 | North Pacific Landscape Conservation Cooperative - Tribal Climate Change Partnership: Climate Science |
| USFWS | UW | \$ 33,292 | Provide collaborative services to facilitate conservation action for the North Pacific Landscape Commission |
| USGS | OSU | \$ 25,000 | Developing Tools to Assess Impacts of Glacier Change on Gulf of Alaska Hydrology and Ecology |
| USGS | UW | \$ 20,005 | Geodetic Glacier Mass Balances in the Pacific Northwest |

Updates from Partners

- Heritage University: currently working on a new Fisheries program (combined with existing Environmental Studies / Science Natural Resource degree). One of our goal is to develop the Environmental Science / Studies degrees with TEK (traditional ecological knowledge).

Pacific Northwest CESU

