Pacific Northwest CESU

2014 Spring Partners Meeting & Webinar

April 17, 2014

Agenda

- Update on activities
- 2015 Renewal: timeline & activities
- Other planning items
- Member updates

Cooperative Ecosystem Studies Units

Pacific Northwest CESU Program Activity

Nov 2011: Last partners meeting at UW (LCC, CSC updates)

Summer 2012: DoD applied, joined in 2013

April 2013: partners meeting at OSU postponed

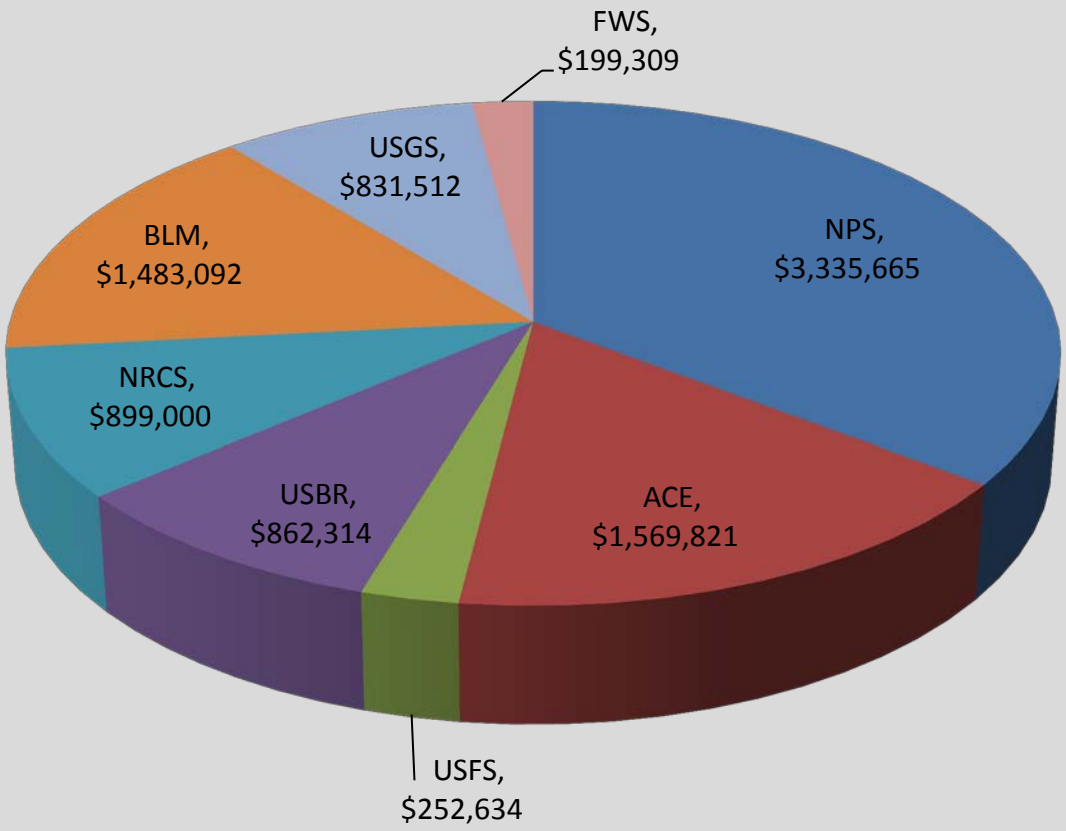
Notes:

- Teresa Bresee is the CESU Program Coordinator, hired in spring 2013, funded by membership fees and NPS.
- Host School at UW has new director: Tom DeLuca
- UW Co-Lead Gordon Bradley to retire in Dec. 2013
- Current Master Agreement (2010-2015) ends Oct. 2015

PNW CESU
FY11 - FY13 Funding Overview

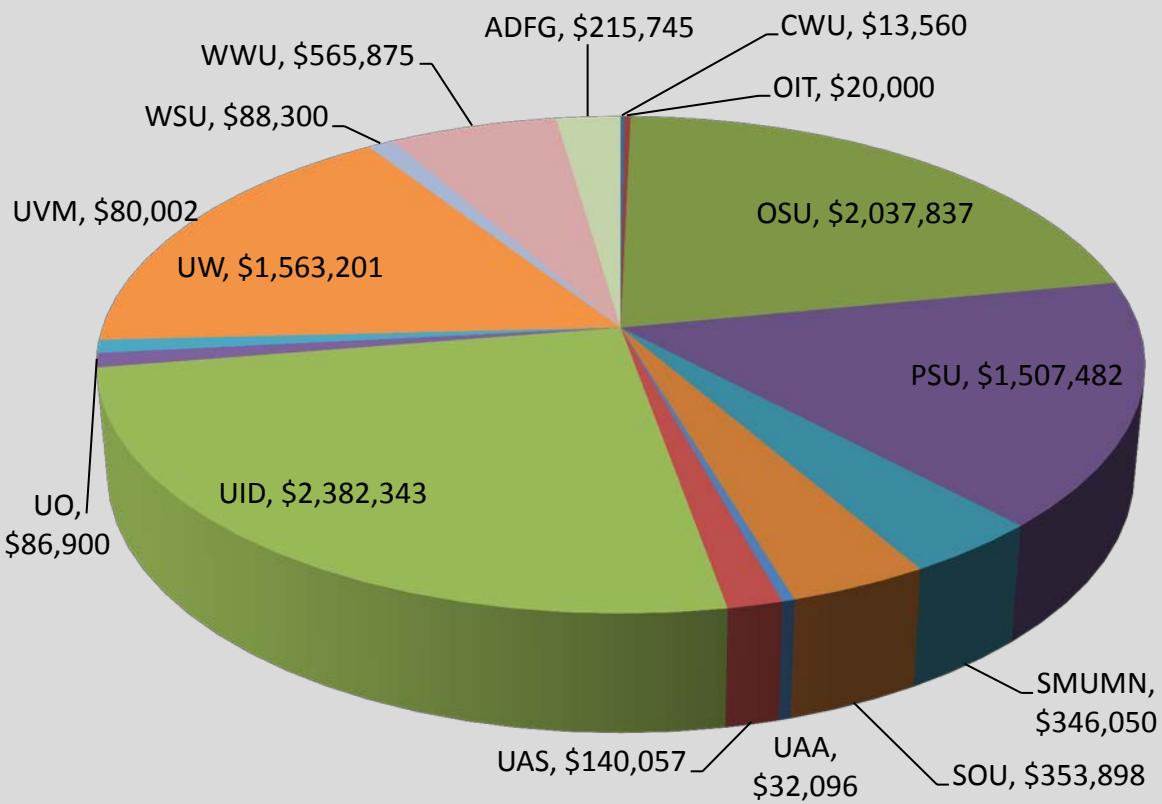
	# of New Projects	New Project $	# of Cost Mods	Mod $	Total Funding $	% change from previous yr
FY11	67	4,057,855	91	4,665,790	8,723,645	↑ 39.4
FY12	55	4,765,584	82	4,667,762	9,433,346	↑ 8.1
FY13	50	2,946,194	58	4,305,144	7,251,338	↓ 23.1

PNW CESU
FY12 - Total Funding by Agency
(Includes new projects and cost modifications)



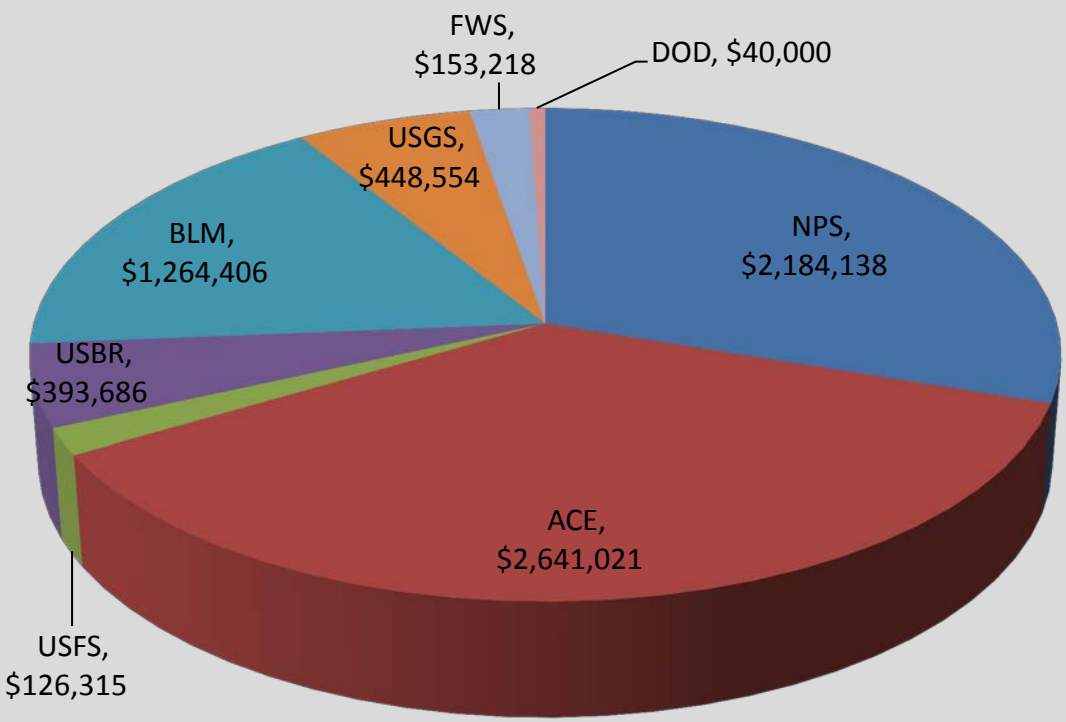
Agency	Total Funding $	New Projects
NPS	3,335,665	25
ACE	1,569,821	1
USFS	252,634	5
USBR	862,314	3
NRCS	899,000	2
BLM	1,483,092	9
USGS	831,512	5
FWS	199,309	5
DOD	0	0
TOTAL	**$9,433,346**	**55**

PNW CESU
FY12 - Total Funding by Partner
(Includes new projects and cost modifications)



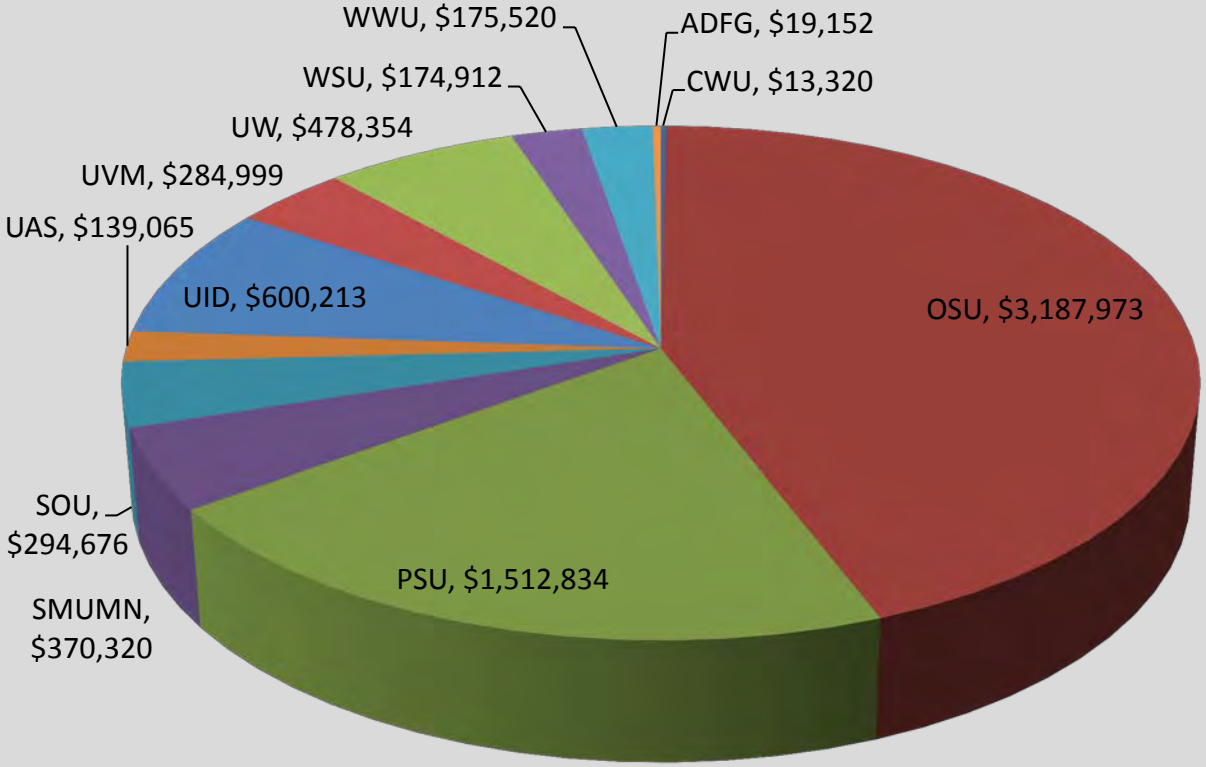
Partner	Total Funding $	New Projects
CWU	13,560	1
OIT	20,000	1
OSU	2,037,837	13
PSU	1,507,482	11
SMUMN	346,050	1
SOU	353,898	4
UAA	32,096	0
UAS	140,057	2
UID	2,382,343	5
UO	86,900	0
UVM	80,002	1
UW	1,563,201	12
WSU	88,300	0
WWU	565,875	1
ADFG	215,745	3
TOTAL	**$9,433,346**	**55**

PNW CESU
FY13 - Total Funding by Agency
(Includes new projects and cost modifications)



Agency	Total Funding $	New Projects
NPS	2,184,138	29
ACE	2,641,021	1
USFS	126,315	3
USBR	393,686	2
BLM	1,264,406	6
USGS	448,554	6
FWS	153,218	2
DOD	40,000	1
NRCS	0	0
TOTAL	**$7,251,338**	**50**

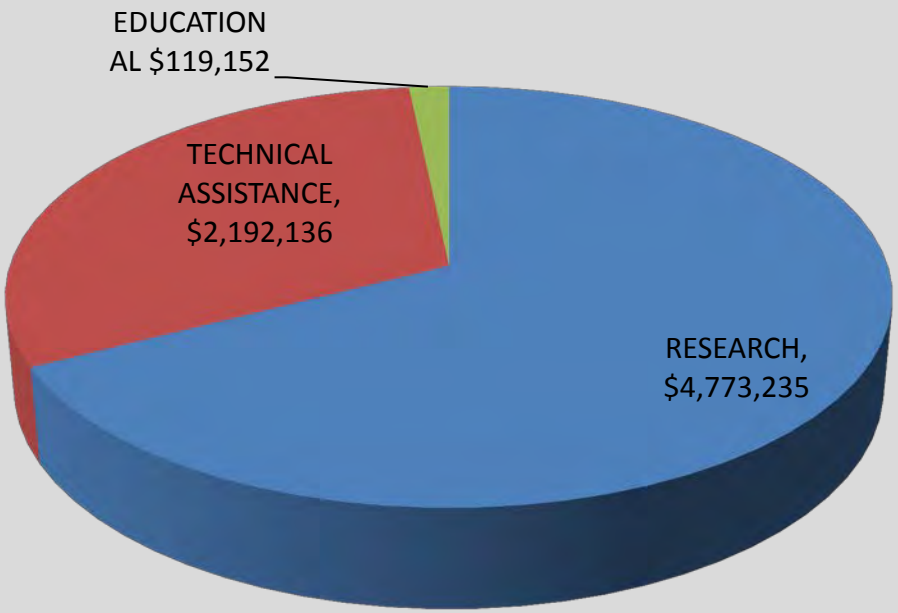
PNW CESU
FY13 - Total Funding by Partner
(Includes new projects and cost mods)



Partner	Total Funding $	New Projects
CWU	13,320	1
OSU	3,187,973	8
PSU	1,512,834	12
SMUMN	370,320	7
SOU	294,676	2
UAS	139,065	2
UID	600,213	4
UVM	284,999	4
UW	478,354	6
WSU	174,912	4
WWU	175,520	0
ADFG	19,152	0
TOTAL	**$7,251,338**	**50**

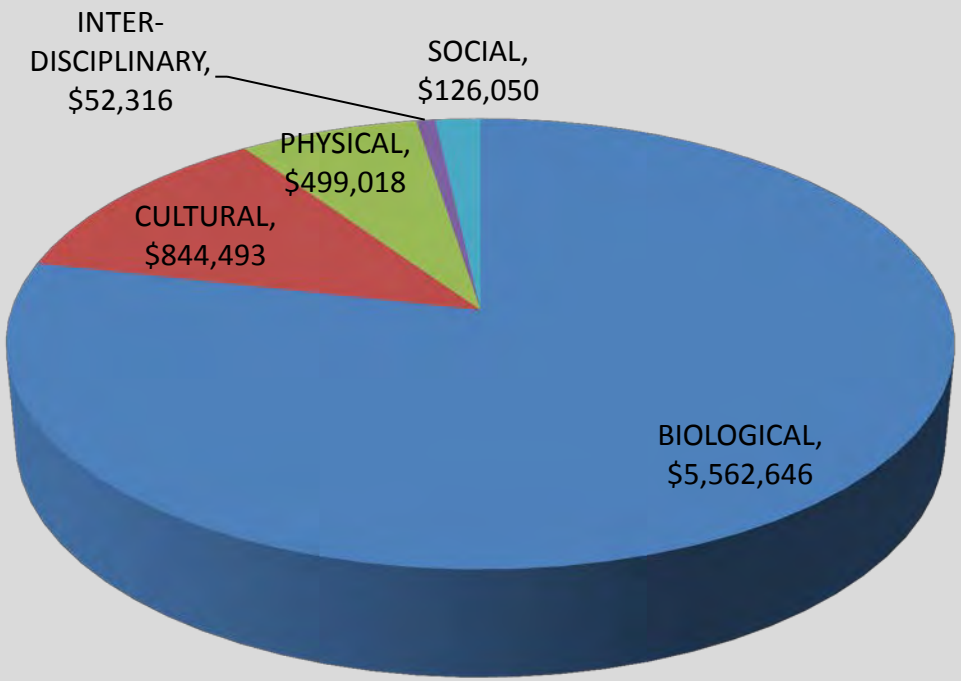
PNW CESU
FY13 - Total Funding by Type
(Includes new projects and cost mods)

Type	Total Funding $	New Projects
RESEARCH	4,773,235	33
TECHNICAL ASSISTANCE	2,192,136	12
EDUCATIONAL	119,152	1



PNW CESU
FY13 - Total Funding by Discipline
(Includes new projects and cost mods)

Discipline	Total Funding $	New Projects
BIOLOGICAL	5,562,646	34
CULTURAL	844,493	9
PHYSICAL	499,018	1
INTERDISCIPLINARY	52,316	1
SOCIAL	126,050	1



PNW CESU Renewal Process

- Current Master Agreement (2010 - 2015) ends in Oct 2015
- Spring/Fall: ask partners if want to retain membership (for letter of intent, prepared by host)
- Fall 2014: Host prepares self assessment report -- need your project data; should we revise our strategic plan?
- Dec 2014: CESU Federal Managers – solicit 2 to 3 external reviewers
- Jan 2015: Host submits letter of intent and self assessment report to CESU National Council
- Feb 2015: Federal Managers submit report/recommendations for renewal
- March 2015: Renewal decision made by CESU National Network Council
- Summer/Fall 2015: National Council coordinates renewal agreement & signatures
- Oct 2015: National Council finalizes 2015-2020 Master Agreement

From our Strategic Plan: Goals and Objectives 2001-2009 – Do we want to revise?

1	**Establish effective ongoing communication among all partners** • develop and maintain web site • publish PNW CESU newsletter • convene annual meeting of PNW CESU partners
2	**Demonstrate success in research, technical assistance & education** • develop research, technical assistance and education projects that: (a) provide well rounded participation across research, technical assistance and education arenas (b) have robust levels of involvement by partners and agencies (c) fulfill and enhance the collaborative ideal of the PNW CESU
3	**Increase minority involvement** • identify minority-institution partner strengths in the areas of research, technical assistance and education • link minority institutions with PNW CESU agencies
4	**Match agency needs with partner expertise** • regularly post agency needs and partner expertise on the web site • convene regular meetings of agency representatives to discuss training needs and ways of fulfilling these needs using the CESU structure • on an ongoing basis, develop mechanisms and explore opportunities for multi-agency collaboration
5	**Establish an effective and efficient organization** • develop executive committee operating principles and guidelines for: (a) addition of new members to the PNW CESU (b) composition of the managers committee (c) expected level of agency/partner participation (d) responsibilities of member agencies and institutions • meet yearly as an executive and managers committee • post information to the web site regarding cooperative agreement financial and administrative procedures specific to each agency or institution

CESU

Cooperative Ventures

An update of activities from the Pacific Northwest Cooperative Ecosystem Studies Unit

Spring 2011

Pacific Northwest CESU Update

News from the Host University

Important events marked the beginning of the 2010-11 academic year for the Pacific Northwest Cooperative Ecosystem Studies Unit and the University of Washington host institution. The PNW CESU was established in 2000 and like other CESU's must complete a review and renewal process every five years. We are pleased to announce that in the fall of 2010 the National CESU Council completed its review and has recommended a third five-year term for the PNW CESU. The approval by the Council recognizes the significant accomplishments of the PNW CESU and positive trajectory that we anticipate over the next five years. The Renewal Self Assessment noted a substantial increase in funded projects from the previous five years ($9M vs. $22M); a continued allocation of funds across all disciplinary interests (social, biological, physical, cultural and interdisciplinary), and broad participation by our university partners and federal agencies. Funding was distributed almost evenly between research and technical assistance projects.

Events related to the host institution involve the creation of the new College of the Environment at the University of Washington (UW). The College of Forest Resources, with a 102-year history with the UW is now one of the founding units within the new College of the Environment. The new designation for the College of Forest Resources is the School of Forest Resources and we join eleven other core units including the School of Aquatic and Fishery Sciences, Departments of Atmospheric Sciences, and Earth and Space Sciences, and the Schools of Oceanography, and Marine and Environmental Affairs. With this new affiliation the CESU is subsumed under a larger College, but remains within the School of Forest Resources where our staff and primary operations reside. It is important to note that the new dean of the College of the Environment, Lisa Graumlich, came to the UW from the University of Arizona, where she was involved with the Desert Southwest CESU. Therefore her understanding of the CESU concept and its important role in the new College is central to her administrative goals. Finally, the School of Forest Resources is in a transition period with regard to leadership, which should be resolved within the next academic year. A search is underway, and it is anticipated that a new director will be in residence by fall 2011.

PNW CESU and Regional News

Other events involving the PNW CESU include several new partnership efforts associated with climate change initiatives. In late 2010, Interior Secretary Ken Salazar announced the establishment of a national network of Climate Science Centers (CSCs). Three centers have now been funded and implemented, the Northwest Climate Science Center (NW CSC), the Southeast CSC, and the Alaska CSC, hosted by the University of Alaska. Our host institution, UW, along with Oregon State University and the University of Idaho are leading the NW CSC. The CSC is to provide science to natural and cultural resource managers on those resources most vulnerable

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Mission

The Pacific Northwest Cooperative Ecosystem Studies Unit (PNW CESU) is a partnership for research, technical assistance and education to enhance understanding and management of natural and cultural resources.

In this issue:

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Project Highlights 3
Colonization, Succession and Exotic Species Invasion on Sediment Deposits Associated with Dam Removal, Olympic National Park 5
Envisioning Future Changes in the Climate and Hydrology of Northwest Estuaries 6
Northwestern Pond Turtle Assessment, Eugene District Bureau of Land Management 7

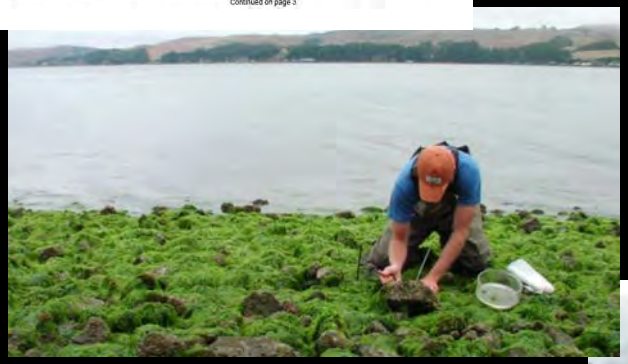
Cooperative Ventures newsletter is produced by the Pacific Northwest Cooperative Ecosystem Studies Unit hosted by the School of Forest Resources at the University of Washington, Seattle.

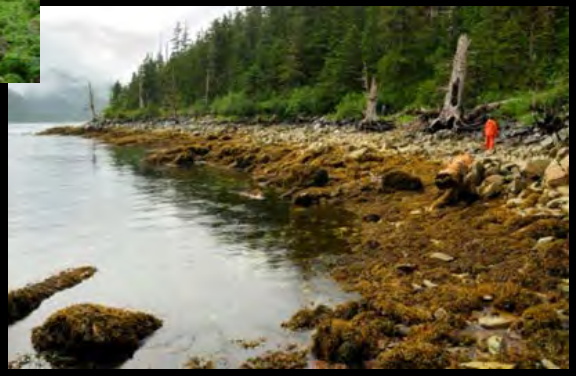
Other Planning Items

- Newsletter (this spring)
- Fall in-person meeting (likely at UW)

Member updates

- Federal partners
- Universities / ADF&G





PNW CESU FY13 – Project List

Project Name	Funding $	Agency	Partner
A Characterization of Specialty Wood Products Market in Southeast Alaska	$59,641	USFS	UAS
Indigenous and Historical Cultural Ecosystem Services Mapping for Southeast Alaska	$11,802	USFS	PSU
Blue Mountain Restoration Rural Stewardship Network Analysis and Mapping	$54,872	USFS	PSU
Update a marble murrelet survey and nest-side database in Oregon.	$40,000	USFWS	OSU
Survival, home range size and habitat use of female Greater Sage-Grouse in a wildfire affected lanscape in southeastern Oregon.	$40,404	USFWS	OSU
Support of Stream Sampling for Dissolved Pesticides in 2013 Using the Autonomous Portland State U : Instruction, Sampler Maintenance, and Sampler Repair	$150,000	USGS	PSU
Activity Budgets of Polar Bears in Response to Variation in Seasonal Sea Ice Conditions	$50,000	USGS	WSU
Ecosystem Services Valuation Pilot Study for the Moeb Master Leasing Plan	$45,000	USGS	UVM
On Shore Spatial Ecology of Polar Bears in the Southern Beaufort Sea and Baffin Bay	$35,100	USGS	UW
Assessing the Effectiveness of Coar Areas for Greater Sage-Grouse Conservation: A Spatially-Explicit Demographic Approach Using Management and Resource Development Scenarios	$48,175	USGS	UW
Glacier Change in the Rocky Mountain West	$35,000	USGS	PSU
RMP Alternatives on Connectivity for Fender's Blue Butterfly	$34,000	BLM	WSU
Phase II Inventory - Battle of Grave Creek Hill 1855, Medford District.	$16,717	BLM	SOU
Helping Shrub-Steppe Communities Adapt to Climate Change Using Valuation of Ecosystem Services.	$33,000	BLM	UW
Biological Control Agent Evaluation and Development	$38,000	BLM	UID
Sudden Oak Death Genetic Testing	$50,000	BLM	OSU
Oregon Flora Project	$49,999	BLM	OSU
Investigating the Impact of River Regulation on Groundwater Supplies in the Western US.	$23,336	USBR	UID
Application of an ecological health assessment for Reclamation managed reservoirs.	$13,670	USBR	UID
Historic Ranch Stabilization	$40,000	DOD	UVM
Columbia River Fish Monitoring and Evaluation Studies	$818,881	USACE	OSU
Enhanced Monitoring and Data Synthesis of Sagebrush Steppe Communities in Upper Columbia Basin Network parks	$76,463	NPS	OSU
Developing a Natural Sounds Library of the Voices of Glacier Bay National Park and Preserve	$54,451	NPS	UAS
Hydrologic and Ecological Monitoring of Montane Wetlands in North Cascades, Mount Rainier, and Olympic National Parks	$10,076	NPS	UW
Developing a GIS-based Geospatial Decision Support Tool for Assessing Climate Change Impacts on Flood Risks in Northern Cascadia Road Networks	$18,000	NPS	UW

PNW CESU FY13 – Project List continued

Project Name	Funding $	Agency	Partner
The Effects of Climate on Bumble Bee Pollinator Community Composition and Genetic Diversity in the NCCN	$3,448	NPS	WSU
Administrative Support for the Klamath Network-Southern Oregon University Inventory, Monitoring, and Research Partnership	$42,828	NPS	SOU
Elwha River Revegetation 2013 - Plant Performance Study	$4,950	NPS	UW
Enhanced Monitoring for Improved Management and Restoration Decision-making in the Wetland Camas Prairies of the UCBN	$47,052	NPS	OSU
Conduct Field Schools to Assess and Stabilize the Evening Star and Bronze (Live Oak) Mines, Mojave National Preserve	$184,999	NPS	UVM
Determining the Sensitivity of High Elevation Lakes in Mount Rainier, North Cascades, and Olympic National Parks to Atmospheric Nitrogen Deposition through Nutrient Enrichment Experiments	$61,464	NPS	WSU
Administrative Support for the Upper Columbia Basin Network Inventory and Monitoring Program	$39,930	NPS	UID
Investigating the Nisqually Glacier Outburst Flood Potential	$24,975	NPS	PSU
Northern Alaska National Historic Landmark Condition and Vulnerability Assessment	$50,000	NPS	PSU
Monitoring and Studying the Effects of Atmospheric Deposition and Other Water Quality Threats to Parks in the NCCN	$13,320	NPS	CWU
Natural Resource Condition Assessment for Glacier Bay National Park	$120,885	NPS	SMUMN
Yakutat Tlingit Traditional Cultural Property Study, Glacier Bay National Park and Preserve	$107,386	NPS	PSU
Traditional Use Study with the Native Village of Kiana for Kobuk Valley National Park	$20,000	NPS	PSU
Public Education Regarding Site Protection Options for Off-Reservation Resources Along the Lewis & Clark Natl Historic Trail	$20,000	NPS	PSU
Natural Resource Condition Assessment for White Sands National Monument	$21,700	NPS	SMUMN
The Role of Biofilms and Lichens in the Preservation of Archaeological Features in Bandelier Tuff, Bandelier Natl Monument	$15,000	NPS	UVM
Providing Anthropological Planning and Resource Management Assistance about Ethnographic Resources of YOSE Natl Park	$63,870	NPS	PSU
Natural Resource Condition Assessment for Colorado National Monument	$21,700	NPS	SMUMN
Natural Resource Condition Assessment for Grant-Kohrs Ranch National Historic Site	$15,000	NPS	SMUMN
Natural Resource Condition Assessment for Fossil Butte National Monument	$21,700	NPS	SMUMN
Natural Resource Condition Assessment for San Antonio Missions National Historical Park	$21,700	NPS	SMUMN
Natural Resource Condition Assessment for Big Thicket National Preserve	$21,700	NPS	SMUMN
Assessment of Semi-Volatile Organic Compounds in Fish from a High Elevation Lake in Yosemite National Park	$21,000	NPS	OSU
Ethnographic Overview and Assessment for Devil's Postpile Natl Monument and Sequoia-Kings Canyon and YOSE Natl Parks	$50,000	NPS	PSU
A Traditional Use Study of the Chulitna River-Sixmile Lake Area at Lake Clark National Park and Preserve	$85,000	NPS	PSU

2014 PNW CESU Spring Partners Meeting & Webinar
April 17, 2014
Meeting Minutes

Attendees	**Agenda**
Julie Guggino, CWU Mark Sytsma, PSU Tim Rinner, PSU Gordon Bradley, UW Teresa Bresee, UW Lisa Strong, USBR Christopher Cuhaciyan, USBR Mark Strom, NOAA Chris Lauver, NPS Paul Heimowitz, USFWS Carrie Phillips, USGS Tom Fish, National CESU Cheri Yost, National CESU	• Update on activities • 2015 Renewal: timeline & activities • Other planning items • Member updates

Update on activities:

- Pacific Northwest CESU Program Activity
    - Nov 2011: Last partners meeting at UW (LCC, CSC updates)
    - Summer 2012: DoD applied, joined in 2013
    - April 2013: partners meeting at OSU postponed (low level of in-person attendance)
- Teresa Bresee is the PNW CESU Program Coordinator, hired in spring 2013, funded by membership fees and NPS.
- Host School (UW) has a new director, Tom DeLuca, SEFS, who will become the new Co-Leader
- UW Co-Lead Gordon Bradley to retire in Dec. 2014
- Current Master Agreement (2010-2015) ends Oct. 2015
- Reviewed FY11-FY13 Funding Overview, and by Agency, Partner, Type, Discipline

2015 Renewal: timeline & activities:

- Teresa Bresee will be sending out an email in the next few months:
    - Members confirm if they wish to retain membership
    - Will attach Strategic Plan, requesting review and comments on any needed changes
- The UW as the host will prepare and conduct a Self-Assessment
- Federal Managers Committee will solicit 1-2 external reviewers, who will review our Self-Assessment, web site, etc. and comment on it
- The CESU National Council reviews the Self-Assessment, and the reviewers' comments and makes a renewal determination (Cheri)

Other planning items:

- Newsletter: Teresa Bresee will be emailing members to solicit feature projects and any news they would like included in the Newsletter (events, items of interest, etc)
- Fall 2014 PNW CESU Meeting: We would like to hold an in-person partners meeting in the fall (October?) at the UW and will be in contact with members on their availability, etc.

Member updates:

- US Bureau of Reclamation has new Tech Rep, Lesa Stark, 208-383-2260, effective May 19th.
- National CESU updates:
    - The National CESU meeting this June will include working sessions that will discuss a variety of issues, including the Indirect Cost rate (hopefully a decision will be made soon after).
    - A database is under development to include federal agency project tracking.
- USFWS, Paul Heimowitz: It's difficult for USFWS, due to low staffing and decentralized processes, to track PNW CESU projects; is it possible for PNW CESU to track USFWS projects by checking with University partners? Answer: This suggestion is not practical as we have so many university members; we prefer that the federal agency who is supplying the funding to supply the information regarding their projects.