

# Pacific Northwest CESU

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[depts.washington.edu/pnwcesu/](https://depts.washington.edu/pnwcesu/)

[Photo: C. Lauver]



# PNW CESU New Website



UNIVERSITY of WASHINGTON

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## Pacific Northwest Cooperative Ecosystem Studies Unit (CESU)

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### Home

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.

As a cooperative venture between 12 federal agencies dedicated to natural and cultural resource management and 17 leading academic institutions and one state agency, over \$91 million has funded 765 projects (many with student involvement) under the PNW CESU cooperative agreement.



The PNW CESU is a member of the [National CESU Network](#) which consists of 17 regional Cooperative Ecosystem Studies Units, each representing a distinct biogeographic region of the United States, with all regions connected through the national network. The overarching goal of the CESU Network is to improve the scientific base for managing federal lands by

### NEWS

- [NPS Final Report: Detect Corrosion and Accumulation in Western Pools to Assess Foothill Ecosystems](#)
- [USACE Funding: Willamette River Basin Assessment and Salmonids](#)
- [NPS Event: Klondike Gold Rush National Historical Park \(Seattle\) Exhibition](#)
- [USGS Funding Opportunity: Climate Science Centers](#)
- [NPS Funding Opportunity: Historic National Historic Site](#)
- [CESU Network: June Meeting](#)
- [NPS Funding Opportunity: Mammal Gap Analysis](#)

### Features

- Project Library includes search categories, results export, and links to Final Report PDFs
- News includes funding opportunities, events, and recently completed project reports
- Uses free Wordpress software

# PNW CESU Project Library

## Project Library

### Keyword search:

Enter technical term, place name, or project number, etc., then hit S

Keyword:

### Browse by one of the following fields:

Fiscal Year:

Discipline:

Federal Agency:

Partner Institution:

Searchable categories

## Project Details

### Craters of the Moon Archaeological Overview and Assessment

Federal Agency:  
**NPS**

Partner Institution:  
**UO**

Project ID#:  
**J9W88030022**

Status:  
**Completed**

Total Funding:  
**\$ 47000**

Effective Dates:  
**2003-09-29 to 2006-**

Student Involvement:  
**Yes**

NPS Park:  
**CRMO**

Type:  
**technical assistance**

Discipline:  
**cultural**

Project Final Report PDF link

Project Report:

[http://www.depts.washington.edu/reports/J9W88030022\\_Final\\_Report\\_edited.pdf](http://www.depts.washington.edu/reports/J9W88030022_Final_Report_edited.pdf)

Federal Agency Representative:  
**Kirstie Haertel**

Partner Principal Investigator:  
**Suzann Henrickson**

NHL Archaeologist: national Park Service  
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Museum of Natural History, 1224  
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**Abstract:** The purpose of this project is to coalesce archaeological information regarding Craters of the Moon National Monument and Preserve into a

Export search results

## Project Library

## University of Oregon

Export results 



## Cooperative Ventures

News from the Pacific Northwest Cooperative Ecosystem Studies Unit

The Pacific Northwest Cooperative Ecosystem Studies Unit (PNW CESU), hosted by the University of Washington's School of Environmental and Forest Sciences, is a partnership for research, technical assistance, and education to enhance understanding and management of natural and cultural resources.

### In this Issue:

- News from the Host
- News from the CESU National Network
- Partner Updates
- Funding Opportunities
- Project Highlights

Previous issues are available online at [Cooperative Ventures](#).



### News from the Host

The PNW CESU has a new [website!](#)

We are excited to share our new site and encourage you to check it out to learn more about the PNW CESU's work, members, and funding opportunities.

<http://depts.washington.edu/pnwcesu/>

You can find over 350 project reports in our website's [Project Library](#), which allows searches by agency, partner, project type, or keyword.

### News from the CESU National Network



# PNW CESU Newsletter

## Features

- Directly delivered to 500+ ATR and PI emails
- Categorical by agency or partner organization
- Trackable results (120 opened, 30 clicked link, etc.)
- Listserv maintains itself (bounced automatically removed)
- Uses free Mailchimp software



# Example Projects

Pacific Northwest CESU

National Park Service  
U.S. Department of the Interior

Climate Change Response Program

## Climate Change Response Program Newsletter

Q4 | 2015

SCIENCE • ADAPTATION • MITIGATION • COMMUNICATION

SPECIAL EDITION: Young Leaders in Climate Change Internship

George Melendez Wright Climate Change Fellowship & Internship Program  
NPS and University of Washington  
Nearly 40 student projects funded (2011, 2013, and 2015)  
Student project: Harmful algal blooms and climate in Olympic National Park, Kirsten Feifel, UW.

FINALISTS 5/4/2011	Proposal Budget Amount	NPS Region	Research Location(s)	Project Title
Bisbing, Sarah	\$19,200.00	AKR/IMR/PWR	Glacier Bay National Park & Preserve, Yellowstone National Park, Yosemite National Park	Discrete populations? Examining the role of genetic variation and landscape heterogeneity in the phenotypic divergence of <i>Pinus contorta</i>
Kaczynski, Kristen	\$19,685.00	IMR	Rocky Mountain National Park	Linking climate drivers to the timing of willow ( <i>Salix</i> spp.) decline in Rocky Mountain National Park
Jury, Christopher	\$18,617.00	PWR	Kaloko-Honokohau National Historical Park, Kalaupapa National Historical Park, Haleakala National Park, Hawaii Volcanoes National Park, National Park of American Samoa	Coral resilience and resistance in the National Parks of the Pacific Islands during times of global change
Wendelberger, Kristie	\$20,000.00	SER	Everglades National Park	Detecting long-term community shifts in response to sea level rise and Everglades restoration: Can remote sensing, competitive ability, and life stage be used in guiding conservation actions?
Kapsenberg, Lydia	\$19,987.00	PWR	Channel Islands National Park	Assessment of ocean acidification in the Channel Islands National Park and its impact on local marine species
Feifel, Kirsten	\$18,908.00	PWR	Olympic National Park	Harmful algal blooms and climate in Olympic National Park
Oakes, Lauren	\$19,180.00	AKR	Glacier Bay National Park & Preserve	Understanding human and ecological responses to yellow-cedar decline in southeast Alaska's coastal rainforests: a case study looking at what climate-related changes in forest communities mean for conservation and management planning
Webster, Jackson	\$20,000.00	IMR	Mesa Verde National Park	The Effects of Fire and Fire Management Practices on Mercury Fate and Transport in Mesa Verde National Park
Stemmons, Krista	\$12,372.00	IMR	Glacier National Park	Investigating how climate induced changes in alpine glaciers alter phytoplankton communities and lake habitat
Bell-Dereske, Lukas	\$19,965.00	MWR	Sleeping Bear Dunes National Lakeshore	How do microbial symbioses affect plant community and ecosystem responses to climate change? A test in the dunes of Sleeping Bear Dunes National Lakeshore
McDonough, Caitlin	\$12,004.00	NER	Acadia National Park	Reconstructing past plant phenology in Acadia National Park: tracking climate change through herbarium specimens, written records, and historic photographs.

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Collecting sediment cores for analysis