

Benefits of the PNW CESU Partnership

Collaboration is facilitated by a streamlined administrative process and reduced and fixed indirect costs that allow research, technical assistance, and education projects to be established in a timely and efficient manner.

Benefits to University, State, and Other Partners

- ▲ Opportunities for faculty and professional staff to work with federal agencies to acquire funds for projects that address the research, technical assistance, and education needs of federal agencies and their partners
- ▲ Opportunities for graduate students to directly participate in federal research, technical assistance and education projects through assistantships and employment
- ▲ Increased role in establishing research agendas of participating federal agencies



Benefits to Federal Partners

- ▲ Access to a broad range of scientific and other academic expertise from university partners
- ▲ Unique capability to organize interagency projects focused on interdisciplinary problem-solving
- ▲ Opportunities for professional development for federal agency employees



Prineville Reservoir, BLM photo

The CESU Concept

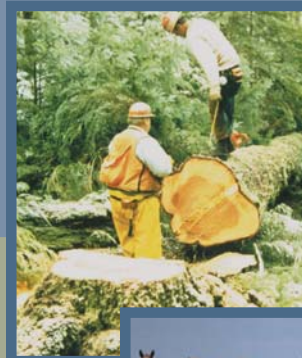
Management and stewardship of the nation's public lands and waters requires **skillful public service** supported by **sound science** and responsive technical assistance. Complex issues that **transcend boundaries** make it essential for agencies to work together.

Cooperative emphasizes that multiple federal agencies, universities, and other institutions are among the **partners** in this program. (*CESU Annual Report, October 2002*).

The **goal** of the Cooperative Ecosystem Studies Units (CESU) Network is to improve the scientific base for managing federal lands by providing resource managers with high quality scientific research, technical assistance and education through working partnerships involving federal agencies, universities, tribal groups, state agencies, and non-governmental organizations.



Grand Coulee Dam, USBR photo



BLM photo



E. Warm Springs Herd Management Area, BLM photo

PNW CESU Partners

Universities

University of Washington (*host*)
Heritage College
Oregon State University
Southern Oregon University
Tuskegee University
University of Alaska – Anchorage
University of Alaska – Southeast
University Of British Columbia
University of Idaho
University of Oregon
University of Vermont
Washington State University
Western Washington University

State Agencies

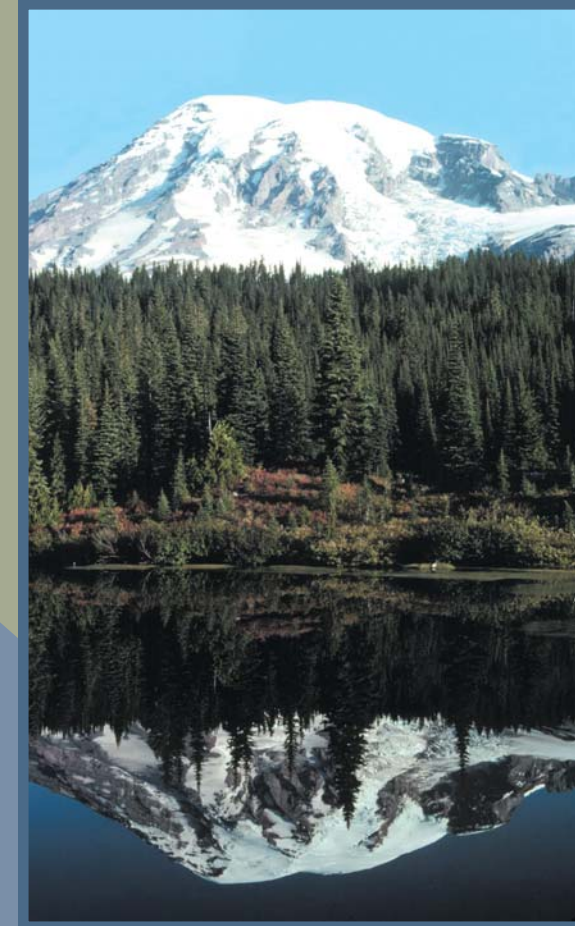
Alaska Department of Fish and Game

Federal Agencies

Bureau of Land Management
Environmental Protection Agency
National Marine Fisheries Service (*pending 2005*)
National Park Service
US Bureau of Reclamation
US Fish and Wildlife Service
US Geological Survey
USDA Forest Service
USDA Natural Resources Conservation Service



Courtesy of the Burke Museum of History & Culture, Catalog 2.51E536, Model Töem Tole, Kaigani Haida, Houbam, Alaska



Pacific Northwest Cooperative Ecosystem Studies Unit

A partnership for research, technical assistance, and education to enhance understanding and management of natural and cultural resources.

For more information about the PNW CESU visit www.cfr.washington.edu/research.cesu or email pnwcesu@u.washington.edu

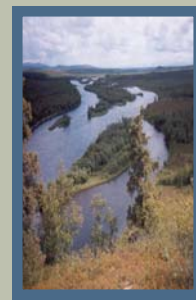
For more information about the CESU National Network visit www.cesu.org/cesu

The Pacific Northwest Cooperative Ecosystem Studies Unit (PNW CESU)

encompasses a region extending across 5 states (Washington, Oregon, Northern California, Western Idaho, and Southeast Alaska) and is hosted by the University of Washington. As a member of the National CESU Network, the PNW CESU is a working partnership among leading academic institutions, federal, state and non-governmental organizations.

(See complete list of PNW CESU partners on the back of this brochure)

The CESU National Network is organized around biogeographic regions across the United States. Each region is served by a distinct CESU, with all CESUs linked together in the National Network.



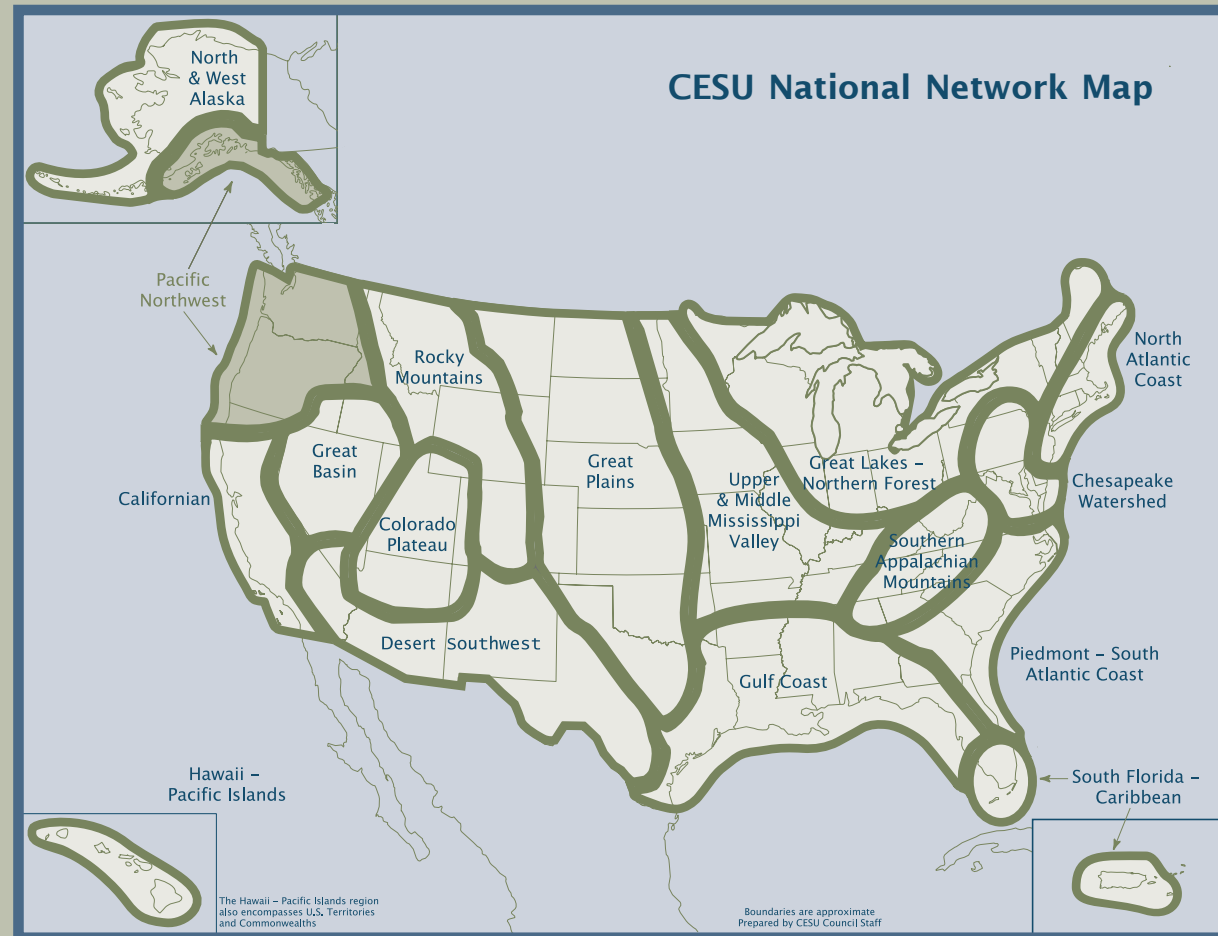
Spotted Owl, NPS photo



Mt. Rainier, NPS photo



Hoh Rain Forest, NPS photo



PNW CESU Projects

PNW CESU projects are conducted within a diverse array of ecosystems including terrestrial, riparian, and coastal environments that contain old and young temperate rainforests, nearshore oceanic environments, volcanically-derived mountain ranges, the Columbia basin plateau, and the Alaska sub-arctic tundra. Many areas within the PNW CESU are experiencing rapid population and economic growth, presenting challenges for public resource managers. PNW CESU projects involve the physical, biological, social and cultural sciences to address complex social, cultural, and natural resource management issues such as:

- ▲ Restoring at-risk ecosystems
- ▲ Identifying subsistence and other traditional uses of federal lands by Native Americans and residents of rural communities
- ▲ Monitoring impacts from visitor and recreational use
- ▲ Developing strategies for conserving bio-diversity
- ▲ Evaluating impacts to threatened and endangered species
- ▲ Developing air and water quality measurement models

Project Spotlight



▲ Native Americans and the Pacific Northwest environment: an interdisciplinary study of indigenous agriculture and environmental management

National Park Service, University of Washington

NPS photo, Nez Perce National Historic Park, image #0545

- ▲ Western airborne containments assessment project - fish studies

National Park Service, Oregon State University



▲ Landscape analysis of black bear distribution patterns in Olympic National Park

Olympic National Park, University of Idaho

- ▲ Traditional cultural property studies in Lower Glacier Bay
Glacier Bay National Parks & Preserve, University of Alaska, Southeast

- ▲ Review and evaluation of travel simulation models for planning and management of Mount Rainier National Park

Mt. Rainier National Park, University of Washington



▲ Impact of soil erosion on declining Sockeye Salmon population in Lake Ozette

NPS, Western Washington University

- ▲ Use a landscape management system to develop a rapid planning and implementation tool for a variety of silvicultural pathways and management options and a companion course for 20 mid-career BLM resource professionals

Bureau of Land Management, University of Washington

- ▲ Alagnak Wild River Corridor Management Plan

Katmai National Park & Preserve, University of Alaska, Anchorage

