PACIFIC NORTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT FOUR TO
COOPERATIVE and JOINT VENTURE AGREEMENT

between

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Bureau of Reclamation
U.S. Fish and Wildlife Service
U.S. Geological Survey
National Park Service

DEPARTMENT OF AGRICULTURE
U.S. Forest Service

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Research and Development

and

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
Alaska Department of Fish and Game
Alaska Native Science Commission

Adding the
Natural Resources Conservation Service

With the exception of the changes below, all terms and conditions of the Pacific Northwest CESU Cooperative and Joint Venture Agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.
ARTICLE I. BACKGROUND AND OBJECTIVES
A.3. The Natural Resources Conservation Service is included in the Pacific Northwest CESU as a Federal Agency partner under Agreement # 68-3A75-4-101.

L. The Natural Resources Conservation Service (hereinafter called NRCS) provides technical assistance to farmers, ranchers, and other private landowners in managing soil, water, animal, plant, air and human resources. NRCS scientists and technical specialists identify appropriate technologies in research and development and transfer them to field staff for implementation. Under section 714 Of P.L. 106-387, 7 U.S.C. 6962a, NRCS is authorized to enter into this cooperative agreement establishing the Pacific Northwest CESU to assist in providing research, technical assistance and education.

ARTICLE III. TERMS OF THE AGREEMENT
A.1. The effective date of the Pacific Northwest CESU Cooperative and Joint Venture Agreement is 20 October 2000.

A.7. The effective date of this amendment to the Pacific Northwest CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

ARTICLE IV. KEY OFFICIALS
A.8. The technical representative for the NRCS is as follows:
Sheryl H. Kunickis, Ph.D.
USDA-NRCS
Consortium Office
14th and Independence Avenue, S.W.
5238 South Building (mail); 6126-S (office)
Washington, DC 20250
Phone: (202) 720-8723 or (301) 504-4787
Fax: (202) 720-4839
Sheryl.Kunickis@usda.gov or shk@ars.usda.gov

ARTICLE V. AWARD
B.3. Upon signature of all parties to this amendment, the NRCS commits $10,000 in funds to the Host University in furtherance of the agreement, to be authorized by a modification issued against the agreement.

D.1. An exception is that for NRCS, the indirect cost rate is limited to 10% of total direct costs for colleges, universities, and other nonprofit organizations pursuant to Section 708 of P.L. 108-199.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES
The following authorizing signatures are attached to this amendment:

U.S. DEPARTMENT OF THE INTERIOR
A. Bureau of Land Management
B. U.S. Bureau of Reclamation
C. U.S. Fish and Wildlife Service
D. U.S. Geological Survey
E. National Park Service

DEPARTMENT OF AGRICULTURE
F. U.S. Forest Service
G. Natural Resources Conservation Service

H. ENVIRONMENTAL PROTECTION AGENCY
   Office of Research and Development

I. UNIVERSITY OF WASHINGTON
   J. Heritage College
   K. Oregon State University
   L. Southern Oregon University
   M. Tuskegee University
   N. University of Alaska – Anchorage
   O. University of Alaska – Southeast
   P. University of British Columbia
   Q. University of Idaho
   R. University of Oregon
   S. University of Vermont
   T. Washington State University
   U. Western Washington University
   V. Alaska Department of Fish and Game
   W. Alaska Native Science Commission
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

[Signature: Steven O. Shapiro] 8/24/04
Print Name: STEVEN O. SHAPIRO
[Print Title]: ASSISTANCE OFFICER

Print Name: 
[Print Title]: Date

Print Name: 
[Print Title]: Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Bureau of Reclamation

Print Name: Randolph Jackson
[Print Title]: Grants and Cooperative Agreements Office

Charles E. Henning
Research Coordinator

10/14/04

10/14/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Fish and Wildlife Service

[Signature]

[Print Name]: Daniel J. Wesley
[Print Title]: Deputy Regional Director

[Date]: 8/20/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey

[Print Name]:
[Print Title]:

[Signature]

Contracting Officer

[Date]
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. National Park Service

[Signature] Jamie Sherrill  
[Print Name]: Jamie Sherrill  
[Print Title]: Contracting Officer  
[Date]: 8/17/04

[Signature] Jonathan B. Jarvis  
[Print Name]: Jonathan B. Jarvis  
[Print Title]: Regional Director  
[Print Title]: Pacific West Region  
[Date]: 8/18/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

[Print Name]: David L. Peterson
[Print Title]: Research Biologist

8-19-04

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

Bruce I. Knight  
Chief

8/2/04  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Environmental Protection Agency
  Office of Research and Development

[Signature]
Print Name: Kevin Tischman, PhD
[Print Title]: Acting Director, NHEERL

9-7-04
Date

[Signature]
Print Name: Betty Utterback, Chief
[Print Title]: Grants Operations Branch B

Not required per EPA ORD Delegation 98-1
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. University of Washington

[Signature]

Print Name: [Name]
[Print Title]:
CAROL ZUICHES
Asst. Vice Provost for Research
Executive Director, Grant and Contract Services

Date: 9/13/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Heritage College

Kathleen A. Ross, President

Print Name: Kathleen A. Ross, President
Print Title: President
Date: Aug. 27, 2004
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Oregon State University

Print Name: [Clem Lacava]  
[Print Title]: [Clem Lacava]  
Act Contract Administrator  

Date: 8/22/04
L. Southern Oregon University

Print Name: Ronald S. Bolstad
Print Title: Vice President for Administration & Finance

Date: 9/8/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Tuskegee University

[Signature]

Print Name: Leslie Porter
Print Title: Vice President, Tuskegee Univ

Date: 8/26/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Alaska - Anchorage

Print Name: Karol Weatherby
Print Title: Interim Manager, Grants & Contracts Office

Date: 8/26/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Alaska - Southeast

[Signature]

Print Name: Carol Griffin
Print Title: Vice Chancellor

Date: 8/30/07
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of British Columbia

[Signature]

Print Name: [Print Title: Angus Livingstone
Managing Director
University-Industry Unison Office

Date: SEP 08 2004
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Idaho

[Signature]

Print Name: TED MORDHORST, MANAGER
Print Title: Grants & Contracts/Compliance Officer

Date: 8-25-04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Oregon

[Signature]

Print Name: Gary Chaffins
Print Title: Director, Office of Research Services and Administration

Date: August 25, 2004
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Vermont

Print Name: Ruth Farrell, Associate Vice President for Research Administration

Date: AUG 30 2004
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Washington State University

[Signature]

Date: 9/1/04

Print Name: Dan Nordquist
Print Title: Director, Authorized Inst. Official
Office of Grant and Research Development
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Western Washington University

Print Name: [Signature]

[Print Title]: Bureau for Faculty Research

Date: 8/30/04
V. Alaska Department of Fish and Game

[Signature]

Print Name: Wayne Regelin

[Print Title]: Deputy Commissioner

Aug 30, 2004

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Alaska Native Science Commission

Print Name]: Patricia A.L. Cockram
[Print Title]: Executive Director

Date: 8-26-04