

**PACIFIC NORTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO 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
Minerals Management Service**

**DEPARTMENT OF AGRICULTURE
Forest Service
Natural Resources Conservation Service**

and

**UNIVERSITY OF WASHINGTON (HOST)
Heritage University
Oregon State University
Portland 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
Oregon Institute of Technology**

Adding

St. Mary's University of Minnesota

With the exception of the changes below, all terms and conditions of the Pacific Northwest CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES

A.1. St. Mary's University of Minnesota is included in the Pacific Northwest CESU as a Partner Institution.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Pacific Northwest CESU Cooperative and Joint Venture Agreement is 21 October 2005.

A.2. 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 to this amendment.

ARTICLE IV. KEY OFFICIALS

A.8. The technical representative for St. Mary's University of Minnesota is as follows:

Barry Drazkowski
Director, GeoSpatial Services
Department of Resource Analysis
St. Mary's University of Minnesota
360 Vila
Winona, Minnesota 55987-2440
Phone: 507 457 6925
Fax: 507 457 6925
bdrazkow@smumn.edu

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached:

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. Minerals Management Service
- F. National Park Service

U.S. DEPARTMENT OF AGRICULTURE

- G. Forest Service
- H. Natural Resources Conservation Service

Pacific Northwest CESU, .

- I. UNIVERSITY OF WASHINGTON
- J. Heritage University
- K. Oregon State University
- L. Portland State University
- M. Southern Oregon University
- N. Tuskegee University
- O. University of Alaska – Anchorage
- P. University of Alaska – Southeast
- Q. University of British Columbia
- R. University of Idaho
- S. University of Oregon
- T. University of Vermont
- U. Washington State University
- V. Western Washington University
- W. Alaska Department of Fish and Game
- X. Oregon Institute of Technology
- Y. **St. Mary's University of Minnesota**

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Bureau of Reclamation

[Print Name]
Director, Research and Development

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Fish and Wildlife Service



[Print Name]:

[Print Title]: **David J. Wesley**

Deputy Regional Director

10/2/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

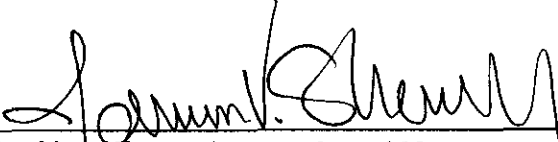
E. Minerals Management Service

[Print Name]:
[Print Title]:

Date


ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. National Park Service



[Print Name]: Jamie V. Sherrill
[Print Title]: Contracting Officer

9/5/06
Date



Jonathan B. Jarvis
Regional Director, Pacific West Region

9/5/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Forest Service

Susan Will

for Dr. Bov B. Eav
Director, Pacific Northwest Research Station

9/29/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

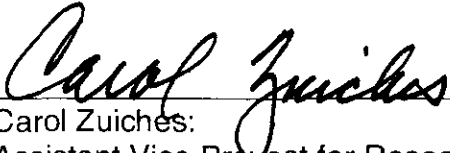
H. Natural Resources Conservation Service

Dwight Holman
Deputy Chief for Management

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. University of Washington

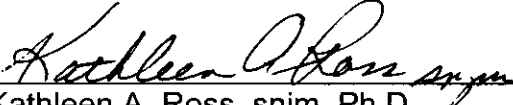


Carol Zuiches:
Assistant Vice Provost for Research:

10/20/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Heritage University

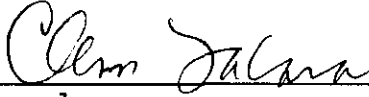


Kathleen A. Ross, snjm, Ph.D.
President

8-1-06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Oregon State University



8/15/06

[Print Name]:

Date

[Print Title]:

GLENN JALAVA
Assistant Vice President

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Portland State University



[Print Name]: **Martha Kierstead**
[Print Title]: **Contract Officer**

July 13, 2006
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Southern Oregon University



[Print Name]:

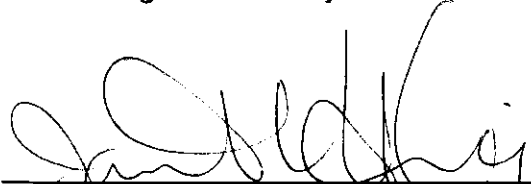
[Print Title]:

JAMES E. MAIN
VICE PRESIDENT of FINANCE and ADMINISTRATION

7/19/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Tuskegee University




[Print Name]: Janet Hasterig
[Print Title]: Associate Professor

8/02/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Alaska – Anchorage



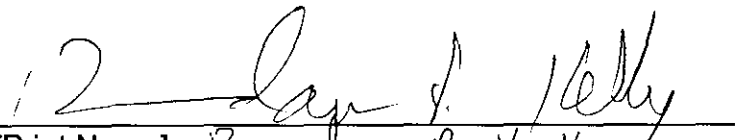
[Print Name]:
[Print Title]:

7/10/06
Date

Dr Andy (Anaru) Kliskey
Associate Professor
Resilience & Adaptive Management Group
Department of Biological Sciences and
Department of Geography & Environmental Studies
University of Alaska Anchorage
EBL 115, 3151 Alumni Loop
Anchorage, Alaska 99508
USA
Phone: 907-7861136 / Fax: 907-7861314
Email: afadk@uaa.alaska.edu

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

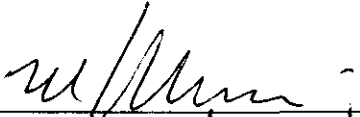
P. University of Alaska – Southeast

12 
[Print Name]: Brendan P. Kelly
[Print Title]: Vice Provost for Research

7 ~~July~~ August 2006
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of British Columbia



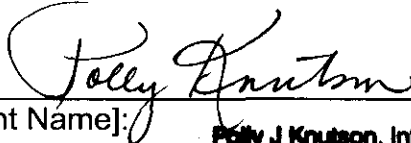
[Print Name]: Mario Kasapi
[Print Title]:

Sep 12/06
Date

**ACTING ASSOCIATE DIRECTOR
UNIVERSITY - INDUSTRY LIAISON**

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Idaho




[Print Name]:
[Print Title]:

**Polly J Knutson, Interim Director
Office of Sponsored Programs
University of Idaho**

7/12/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Oregon

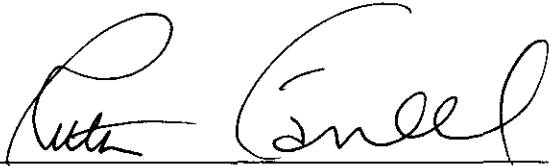


[Print Name]: *Frances Bronet*
[Print Title]: *Dean, School of Architecture & Allied Arts*

1/25/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Vermont

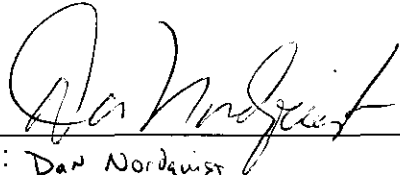
A handwritten signature in black ink, appearing to read "Ruth Farrell", written over a horizontal line.

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

AUG 23 2008
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Washington State University

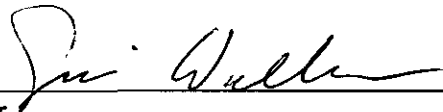


[Print Name]: Dan Nordquist
[Print Title]: Director, Authorized Institutional Official

7/11/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Western Washington University



Geri Walker
Director, Office of Research and Sponsored Programs

8/22/06
Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Alaska Department of Fish and Game

Wayne Z. Regelin

Wayne Regelin Deputy Commissioner
[Print Name]:
[Print Title]:

Aug 16, 2006
Date

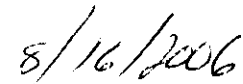
ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Oregon Institute of Technology

_____

[Print Name]: William R. Nettles

[Print Title]: Vice President of Finance and Administration



Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. St. Mary's University of Minnesota

James M. Bedtke

James M. Bedtke.

[Print Name]:

[Print Title]:

*Vice President
Graduate and special Programs.*

6/2/06

Date