

**ROCKY MOUNTAINS  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO to  
COOPERATIVE and JOINT VENTURE AGREEMENT**

**between**

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

**U.S. DEPARTMENT OF AGRICULTURE  
U.S. Forest Service  
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE  
U.S. Army Corps of Engineers – Civil Works  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)**

**and**

**THE UNIVERSITY OF MONTANA – MISSOULA (HOST)  
Colorado State University  
Montana State University  
Salish Kootenai College  
University of Colorado at Boulder  
University of Colorado Denver  
University of Idaho  
University of Wyoming  
Utah State University  
Washington State University  
University of Northern Colorado  
University of Calgary**

**Adding:  
Metropolitan State College of Denver**

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

## **ARTICLE I. BACKGROUND AND OBJECTIVES**

- L.1. The Metropolitan State College of Denver is hereby included in the Rocky Mountains CESU as a Partner Institution.

## **ARTICLE III. TERM OF AGREEMENT**

- A.1. The effective date of the Rocky Mountains CESU Cooperative and Joint Venture Agreement is 29 May 2009.
- A.2. The effective date of this amendment to the Rocky Mountains CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this amendment.

## **ARTICLE IV. KEY OFFICIALS**

- C.12. The technical representative for the Metropolitan State College of Denver is:

Jason Janke  
Department of Earth and Atmospheric Sciences  
CB 22  
Metropolitan State College of Denver  
Denver, CO, 80217  
Phone; (303) 556-3072  
Fax: (303) 556-4436  
[jjanke1@mscd.edu](mailto:jjanke1@mscd.edu)

Administrative representative:

Gwendolyn Mami  
Executive Director, Office of Sponsored Research and Programs  
CB 004  
Metropolitan State College of Denver  
Denver, CO 80217  
Phone: (303) 352-7004  
Fax: (303) 556-6339  
[gmami@mscd.edu](mailto:gmami@mscd.edu)

## **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. Geological Survey
- D. National Park Service
- E. U.S. Fish and Wildlife Service

### **U.S. DEPARTMENT OF AGRICULTURE**

- F. U.S. Forest Service
- G. Natural Resources Conservation Service

### **U.S. DEPARTMENT OF DEFENSE**

- H. U.S. Army Corps of Engineers – Civil Works
- I. Office of the Deputy Under Secretary of Defense (Installations and Environment)

### **J. THE UNIVERSITY OF MONTANA – MISSOULA**

- K. Colorado State University
- L. Montana State University
- M. Salish Kootenai College
- N. University of Colorado at Boulder
- O. University of Colorado Denver
- P. University of Idaho
- Q. University of Wyoming
- R. Utah State University
- S. Washington State University
- T. University of Northern Colorado
- U. University of Calgary
- V. Metropolitan State College of Denver

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

A. Bureau of Land Management

\_\_\_\_\_  
Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

B. U.S. Bureau of Reclamation

*Lindsey Nafts*

[Print Name]: *Lindsey Nafts*  
[Print Title]: *Grants officer*


*2-17-2011*  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

C. U.S. Geological Survey

A handwritten signature in cursive script, appearing to read "Steve L. Pa.", written above a horizontal line.



A handwritten date "03/16/11" written above a horizontal line.  
Date

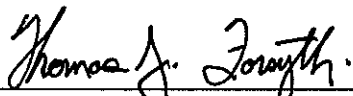
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service



Print Name]: Tammy Whittington  
[Print Title]: Associate Regional Director  
Resources/ Science Advisor

3-2-11  
Date



Print Name]: Thomas J. FORSYTH  
[Print Title]: Financial Assistance  
Agreements Officer


3/2/11  
Date

\_\_\_\_\_  
Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

  
\_\_\_\_\_  
Print Name]: Sybil Winfield, Contracting officer Date 2/28/11  
[Print Title]: WASO WCP

\_\_\_\_\_  
Print Name]: \_\_\_\_\_ Date \_\_\_\_\_  
[Print Title]: \_\_\_\_\_

\_\_\_\_\_  
Print Name]: \_\_\_\_\_ Date \_\_\_\_\_  
[Print Title]: \_\_\_\_\_



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

E. U.S. Fish and Wildlife Service

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

F. U.S. Forest Service

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

G. Natural Resources Conservation Service

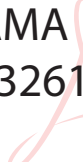
  
\_\_\_\_\_  
ELORIS D. SPEIGHT  
Deputy Chief for Management

  
\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

H. U.S. Army Corps of Engineers – Civil Works

CAMPBELL.AMA  
NDA.I.128363261  
6



Digitally signed by  
CAMPBELL.AMANDA.I.1283632616  
DN: c=US, o=U.S. Government,  
ou=DoD, ou=PKI, ou=USA,  
cn=CAMPBELL.AMANDA.I.1283632616  
Date: 2011.02.16 10:57:01 -06'00'

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[Print Name]:  
[Print Title]:

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Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

I. Office of the Deputy Under Secretary of Defense (Installations and Environment)

\_\_\_\_\_

[Print Name]:

[Print Title]:

\_\_\_\_\_

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

J. The University of Montana – Missoula

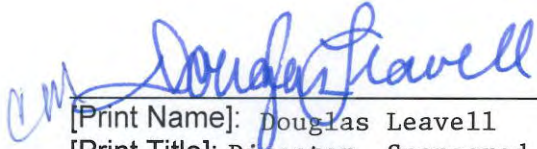
  
\_\_\_\_\_  
[Print Name]:  
[Print Title]:

2/22/11  
Date

Judy Fredenberg, Director  
Research & Sponsored Programs

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

K. Colorado State University



\_\_\_\_\_  
[Print Name]: Douglas Leave11  
[Print Title]: Director, Sponsored Programs

2-22-11

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Montana State University



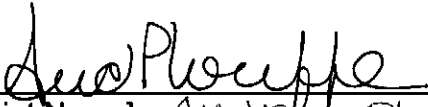
[Print Name]: THOMAS J. M<sup>c</sup>COY  
[Print Title]: VICE PRESIDENT FOR RESEARCH

2/25/11  
Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

M. Salish Kootenai College

  
\_\_\_\_\_  
[Print Name]: Audrey Plouffe  
[Print Title]: Chief Financial Officer

02.17.2011  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Colorado at Boulder

*Patricia Rankin*

PATRICIA RANKIN

ASSOCIATE VICE CHANCELLOR  
FOR RESEARCH

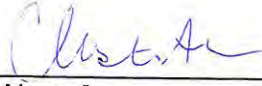
[Print Name]:

[Print Title]:

2/17/2011  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Colorado Denver



[Print Name]:

[Print Title]:

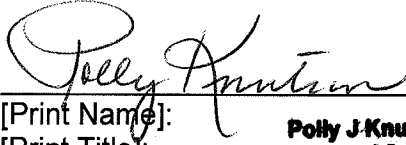
**Christine Ahearn**  
**Assistant Director**  
**Office of Grants and Contracts**

2/27/11

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

P. University of Idaho



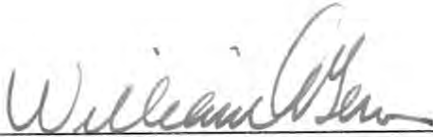
[Print Name]:  
[Print Title]:

**Polly J. Knutson, Director**  
**Office of Sponsored Programs**  
**University of Idaho** *SR 2/22/11*

*2/22/11*  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Wyoming




[Print Name]: William A. Gern  
[Print Title]: Vice President for  
Research and Economic Development  
University of Wyoming

2/17/11  
Date

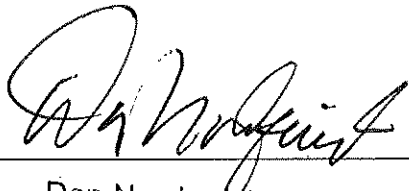
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Utah State University

  
[Print Name]: \_\_\_\_\_ Date 2/17/11  
[Print Title]: **Victoria Backerman**  
**Sponsored Programs**  
**Administrator**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Washington State University



3/2/11

[Print Name]: Dan Nordquist  
[Print Title]: Director, Authorized Inst. Official  
Office of Grant and  
Research Development

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Northern Colorado



[Print Name]: Elaine Quam  
[Print Title]: Executive Assistant to the President

2-21-11  
Date



Michele S. Schwietz, Director, OSP

2/18/11  
Date



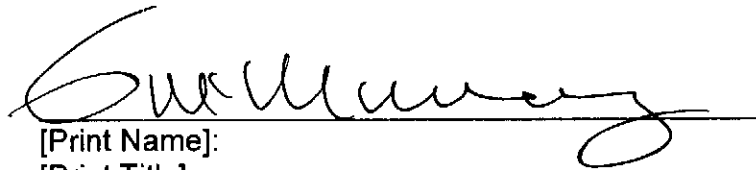
Daniel R. Satriana, Jr., General Counsel  
Vice President & Secretary to the Board of Trustees

2/18/11  
Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

U. University of Calgary



[Print Name]:  
[Print Title]:

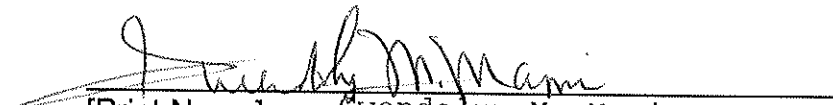
**FEB 25 2011**

                      
Date

**G. A. McMurray  
Senior Executive Director  
Research Services & Research Accounting  
University of Calgary**

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

**V. Metropolitan State College of Denver**



4-28-11

[Print Name]:

Gwendolyn M. Mami

Date

[Print Title]:

Executive Director

Office of Sponsored Research and Programs