

**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

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

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 over a horizontal line.



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

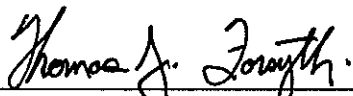
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

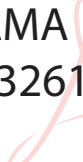


Date

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'

[Print Name]:
[Print Title]:

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



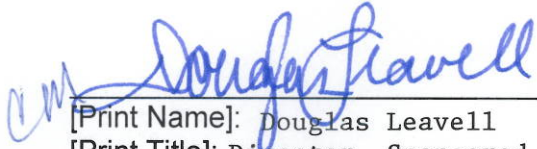
[Print Name]:
[Print Title]:

2/22/11
Date

Judy Fredenberg, Director
Research & Sponsored Programs

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Colorado State University

A handwritten signature in blue ink that reads "Douglas Leave11". The signature is written in a cursive style with a large initial "D".

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

2-22-11

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Montana State University

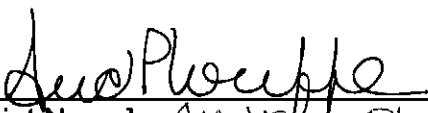


[Print Name]: THOMAS J. M^CCOY
[Print Title]: VICE PRESIDENT FOR RESEARCH

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]:

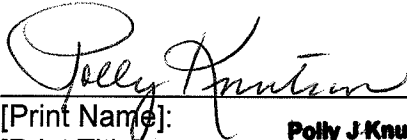
Christine Ahearn
Assistant Director
Office of Grants and Contracts



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Idaho



[Print Name]:

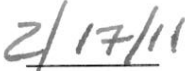
[Print Title]:

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

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Utah State University



2/17/11
Date

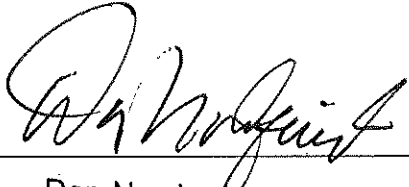
[Print Name]:

[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

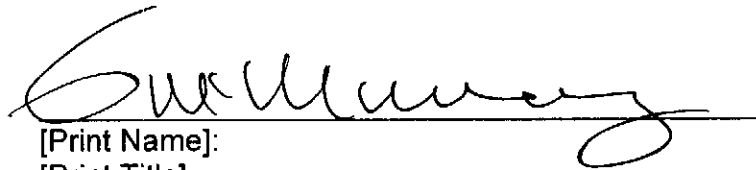


Daniel R. Satriana, Jr., General Counsel
Vice President & Secretary to the Board of Trustees

2/18/11
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Calgary



[Print Name]:

[Print Title]:

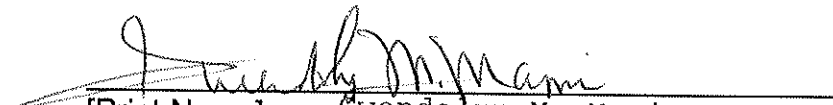
FEB 25 2011

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