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]:             Date
[Print Title]:

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

B. U.S. Bureau of Reclamation

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

Date: 2-17-2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

[Signature]

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

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

Date: 3-2-11

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

Date: 3/3/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

Print Name: [Signature]
[Print Title]: Deputy Windfall, Contracting Officer
Wap 11 WCP

Date: 2/28/11

Print Name: [Signature]
[Print Title]:

Date

Print Name: [Signature]
[Print Title]:

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S. Fish and Wildlife Service

[Print Name]:                              Date
[Print Title]:
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

[Signature]
ELORIS D. SPEIGHT
Deputy Chief for Management

3/4/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[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]:             Date
[Print Title]:

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. The University of Montana – Missoula

[Print Name]:
[Print Title]:

Judy Fredenberg, Director
Research & Sponsored Programs

2/22/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Colorado State University

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

2-22-11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Montana State University

[Print Name]: THOMAS J. MC C OY
[Print Title]: VICE PRESIDENT FOR RESEARCH

Date: 2/25/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Salish Kootenai College

[Print Name]: Andrej Plouffe
[Print Title]: Chief Financial Officer

03.17.2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Colorado at Boulder

[Signature]

PATRICIA RANKIN
ASSOCIATE VICE CHANCELLOR FOR RESEARCH

Date: 2/17/2011

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

O. University of Colorado Denver

[Signature]
[Print Name]: Christine Ahearn
[Print Title]: Assistant Director
Office of Grants and Contracts

2/24/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Idaho

[Signature]
Polly J. Knutson, Director
Office of Sponsored Programs
University of Idaho

3/23/11
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: 2/17/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Utah State University

[Print Name]: Victoria Backerman
[Print Title]: Sponsored Programs Administrator

Date: 2/17/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Washington State University

[Print Name]:
[Print Title]:

Dan Nordquist
Director, Authorized Inst. Official
Office of Grant and
Research Development

Date: 3/21/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Northern Colorado

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

Michele S. Schwietz, Director, OSP

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

2-21-11
Date

2/18/11
Date

2/15/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Calgary

[Signature]

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

FEB 25 2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Metropolitan State College of Denver

[Print Name]: Gwendolyn M. Mami
[Print Title]: Executive Director
Office of Sponsored Research and Programs

4-28-11
Date