

**ROCKY MOUNTAINS  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FIVE 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  
Metropolitan State University of Denver  
Little Big Horn College  
Northwest College  
University of Utah**

**Adding:**

**Blackfeet Community College  
Chief Dull Knife College  
University of Waterloo  
Wildlife Conservation Society**

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.5. Blackfeet Community College, Chief Dull Knife College, University of Waterloo, and Wildlife Conservation Society are hereby included in the Rocky Mountains CESU as Partner Institutions.

**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.15. The technical representative for Blackfeet Community College is:

Lola Wippert  
Director  
Office of Sponsored Programs  
Blackfeet Community College  
P.O. Box 819  
Browning, Montana 59417  
Phone: (496) 338-5441 x 2208  
Fax: (406) 338-3272  
[lola@bfcc.edu](mailto:lola@bfcc.edu)

C.16. The technical representatives for Chief Dull Knife College are:

Michelle Curlee  
Dean of Academic Affairs  
Box 98  
Lame Deer, MT 59043

Phone: (406) 477-6215 x 118  
Fax: (406) 477-6219  
[mcurlee@cdkc.edu](mailto:mcurlee@cdkc.edu)

C.17. The technical representatives for University of Waterloo are:

Dr. Brad Fedy  
Assistant Professor  
Environment and Resource Studies  
University of Waterloo  
200 University Ave. West  
Waterloo, ON N2L 3G1  
Phone: (519) 888-4567 ext. 32706  
[bfedy@uwaterloo.ca](mailto:bfedy@uwaterloo.ca)

Dr. Heidi Swanson  
Assistant Professor  
Department of Biology  
University of Waterloo  
200 University Ave. West  
Waterloo, ON N2L 3G1  
Phone: (519) 888-4567 ext. 37387  
[hswanson@uwaterloo.ca](mailto:hswanson@uwaterloo.ca)

C.18. The technical representatives for Wildlife Conservation Society are:

Amanda Hardy  
Wildlife Conservation Society  
301 North Willson  
Bozeman, MT 59715  
Phone: (406) 522-9333, ext. 115  
[ahardy@wcs.org](mailto:ahardy@wcs.org)

Shannon Roberts  
Senior Program Manager/Finance and Operations  
Wildlife Conservation Society  
301 North Willson  
Bozeman, MT 59715  
Phone: (406) 522-9333, ext. 108  
[sroberts@wcs.org](mailto:sroberts@wcs.org)

## 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 University of Denver
- W. Little Big Horn College
- X. Northwest College
- Y. University of Utah
- Z. Blackfeet Community College**
- AA. Chief Dull Knife College**
- BB. University of Waterloo**
- CC. Wildlife Conservation Society**

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

**A. Bureau of Land Management**

  
\_\_\_\_\_  
Jamie E. Connell  
State Director

2/19/14  
Date

  
\_\_\_\_\_  
Lori J. Anderson  
Grant Management Officer

2/20/14  
Date

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

B. U.S. Bureau of Reclamation

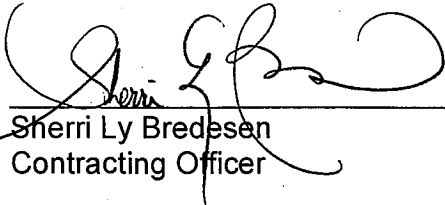
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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

\_\_\_\_\_  
Date

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

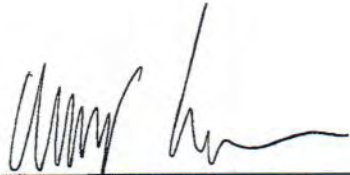
C. U.S. Geological Survey

  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

01/31/14  
\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service



Andrew E. Lubner  
Contracting Officer

03/04/2014  
Date



Kevin A. Delahey  
Financial Assistance Officer

3.4.2014  
Date



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

E. U.S. Fish and Wildlife Service

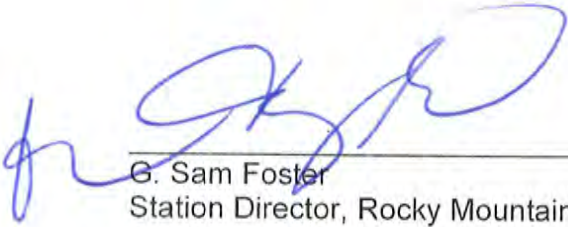
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

  
\_\_\_\_\_  
G. Sam Foster  
Station Director, Rocky Mountain Research Station

\_\_\_\_\_  
Date 1/29/14

The authority and format of this instrument has been reviewed and approved for signature.

  
\_\_\_\_\_  
Grants & Agreement Specialist Date 1/29/14

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

G. Natural Resources Conservation Service

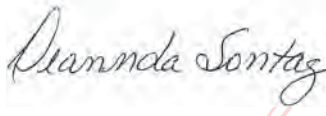
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Gayle N. Barry  
Deputy Chief for Management

\_\_\_\_\_  
Date

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

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

 Digitally signed by  
SONTAG.DEANNDAS.1230791909  
DN: c=US, o=U.S. Government, ou=DoD,  
ou=PKI, ou=USA,  
cn=SONTAG.DEANNDAS.1230791909  
Date: 2014.01.24 12:16:07 -06'00'

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Deanna Sontag  
Grants Officer

24 Jan 2014

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Date

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

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

**ROBICHEAUX.TRA**  
**CI.D.1260353990**

Digitally signed by  
ROBICHEAUX.TRA.CI.D.1260353990  
DN: c=US, o=U.S. Government, ou=DoD,  
ou=PKI, ou=USA,  
cn=ROBICHEAUX.TRA.CI.D.1260353990  
Date: 2014.01.27 08:14:29 -06'00'

27 Jan 2014

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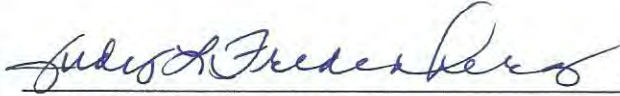
Traci Robicheaux  
Grants Officer  
Representing ODUSD (I&E)

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Date

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

J. The University of Montana – Missoula

  
\_\_\_\_\_  
Judy Fredenberg, Director  
Research & Sponsored Programs

1/31/14  
Date

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

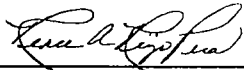
K. Colorado State University

  
\_\_\_\_\_  
David B. Doty, Associate Director  
Sponsored Programs

1/25/14  
Date

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

L. Montana State University



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Renee A. Reijo Pera, Ph.D.  
Vice President for Research

1-27-14  
Date



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

M. Salish Kootenai College

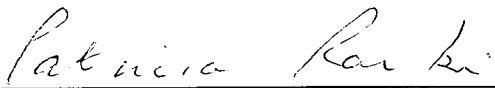
A handwritten signature in black ink, appearing to read "R DePoe III", written over a horizontal line.

Robert DePoe, III  
President

January 28, 2014  
Date

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

N. University of Colorado at Boulder

  
\_\_\_\_\_  
Patricia Rankin  
Associate Vice Chancellor for Research

1/27/2014  
Date

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

O. University of Colorado Denver

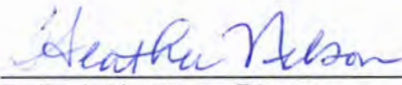
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Adelita J. DeHerrera, JD  
Contracts Manager, Office of Grants and Contracts

\_\_\_\_\_  
Date

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

P. University of Idaho

*for*   
\_\_\_\_\_  
Polly J. Knutson, Director  
Office of Sponsored Programs  
*AA 2/6/2014*

*2/6/14*  
Date

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

Q. University of Wyoming



William A. Gern  
Vice President for Research and Economic Development

1/29/14  
Date

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

R. Utah State University

  
\_\_\_\_\_  
Kevin Peterson, JD  
Executive Director, Sponsored Programs

1/28/14  
Date

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

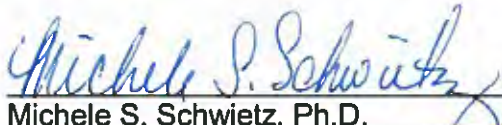
S. Washington State University

  
\_\_\_\_\_  
Dan Nordquist  
Director of OGRD

1/29/14  
Date

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

T. University of Northern Colorado

  
\_\_\_\_\_  
Michele S. Schwietz, Ph.D.  
Director, Office of Sponsored Programs

  
Date



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

U. University of Calgary



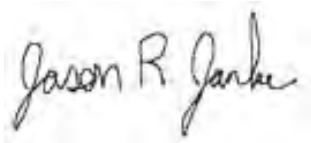
Lorna Very  
Associate Director, Research Grants, Prizes & Awards  
Research Services

\_\_\_\_\_  
Date

*Dr. Edward McCauley  
Vice-President (Research)*

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

V. Metropolitan State University of Denver



Digitally signed by Jason Janke  
DN: cn=Jason Janke, o=MSU Denver, ou=Earth and  
Atmospheric Sciences, email=jjanke1@msudenver.edu,  
c=US  
Date: 2014.01.28 09:35:54 -07'00'

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Jason Janke  
Associate Professor, MSU Denver's CESU representative

Date

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

W. Little Big Horn College

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
David Small  
Dean of Administration

\_\_\_\_\_  
Date

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

X. Northwest College



~~Rhonda Peer~~ Ronda Peer  
Dean of Extended Campus

1-28-14  
Date

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

Y. University of Utah

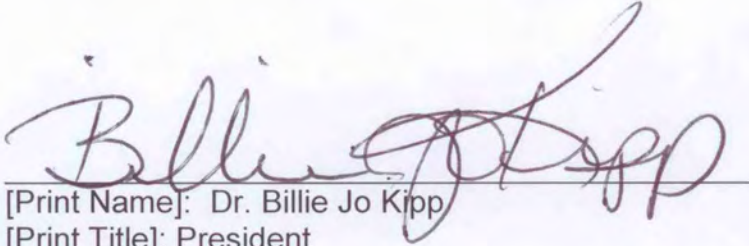
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Brent K. Brown, Esq.  
Director, Office of Sponsored Projects

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Blackfeet Community College

A handwritten signature in dark ink, appearing to read "Billie Jo Kipp", written over a horizontal line.

[Print Name]: Dr. Billie Jo Kipp  
[Print Title]: President

12-6-13  
Date

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

**AA. Chief Dull Knife College**

Richard E. Hobbey, President 13/13/12  
[Print Name]: Date  
[Print Title]:

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

**BB. University of Waterloo**



**NOV 25 2013**

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

\_\_\_\_\_  
Date

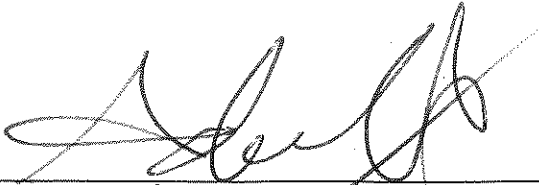
[Print Title]:

**D.G. Dixon**  
**Vice-President, University Research**



ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Wildlife Conservation Society



[Print Name]: Amanda Hardy  
[Print Title]: Assistant Director, North American Program  
Wildlife Conservation Society

1/23/2014  
Date