

**COLORADO PLATEAU
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FOUR TO
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

NAVAJO NATION

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

and

**NORTHERN ARIZONA UNIVERSITY (HOST)
Arizona State University
Colorado State University
Diné College
Fort Lewis College
Haskell Indian Nations University
New Mexico State University
Oregon State University
University of Arizona
University of Nevada-Reno
Utah State University
The Arboretum at Flagstaff**

**Museum of Northern Arizona
Mesa State College
Southern Utah University
Center for Desert Archaeology
Rocky Mountain Bird Observatory
Weber State University
University of New Mexico
Crow Canyon Archaeological Center
University of Pennsylvania
Prescott College
Institute for Bird Populations
The University of Texas at San Antonio**

**Adding:
University of Utah**

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

ARTICLE I. BACKGROUND AND OBJECTIVES

K.3. The University of Utah is hereby included in the Colorado Plateau CESU as a Partner Institution.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the Colorado Plateau CESU Cooperative and Joint Venture Agreement is 18 June 2009.
- A.3. The effective date of this amendment to the Colorado Plateau CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this amendment.

ARTICLE IV. KEY OFFICIALS

C.25. The technical representatives for the University of Utah are:

Matt Brownlee, Ph.D.
Assistant Professor, Natural Resources Recreation Planning and Management
Department of Parks, Recreation and Tourism
University of Utah

1901 E. South Campus Drive, Annex C, Room 1070
Salt Lake City, Utah 84112
Phone: (801) 585-7239
matthew.brownlee@hsc.utah.edu

Administrative Contact:
Brent K. Brown, JD
Director of Sponsored Projects
75 South 2000 East, Rm 211
Salt Lake City, Utah 84112-8930
Phone: (801) 581-6903
Fax: (801) 585-5749
ospawards@osp.utah.edu

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this amendment:

A. NAVAJO NATION

U.S. DEPARTMENT OF THE INTERIOR

- B. Bureau of Land Management
- C. U.S. Bureau of Reclamation
- D. U.S. Geological Survey
- E. National Park Service
- F. U.S. Fish and Wildlife Service

DEPARTMENT OF AGRICULTURE

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

DEPARTMENT OF DEFENSE

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

K. NORTHERN ARIZONA UNIVERSITY (HOST)

- L. Arizona State University
- M. Colorado State University
- N. Diné College
- O. Fort Lewis College
- P. Haskell Indian Nations University
- Q. New Mexico State University
- R. Oregon State University
- S. University of Arizona
- T. University of Nevada-Reno

- U. Utah State University
- V. The Arboretum at Flagstaff
- W. Museum of Northern Arizona
- X. Mesa State College
- Y. Southern Utah University
- Z. Center for Desert Archaeology
- AA. Rocky Mountain Bird Observatory
- BB. Weber State University
- CC. University of New Mexico
- DD. Crow Canyon Archaeological Center
- EE. University of Pennsylvania
- FF. Prescott College
- GG. Institute for Bird Populations
- HH. The University of Texas at San Antonio
- II. University of Utah**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Navajo Nation

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.)

B. Bureau of Land Management

Maria Gochis, BLM, GMO

[Print Name]:

[Print Title]:

12/4/12

Date

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Bureau of Reclamation



Melynda Roberts
Grants Officer

12/18/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

12/05/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. National Park 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.

Michael Beckofen
Contracting Officer


Date

Tammy Whittington
Associate Regional Director, Resources

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Fish and Wildlife Service



[Print Name]: *Greg Watson*
[Print Title]: *Chief, Office of Landscape Conservation*
FWS Region 6

1/14/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service

ALISON HILL
PROGRAM MANAGER



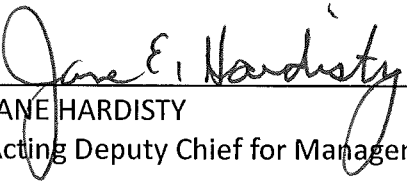
1/4/13
Date

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

Rinda Mars 1/4/13
Grants & Agreement Specialist Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service



JANE HARDISTY
Acting Deputy Chief for Management

12-21-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

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.

Leslie E. Guy
Grants Officer (Representing ODUSD (I&E))

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. 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: 2013.01.10 20:44:34 -06'00'

Deanna Sontag
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Northern Arizona University



Wilma G. Ennenga
Director, Grant and Contract Services

4 January 2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Arizona State University



Rob Melnick
Executive Dean, Global Institute of Sustainability/School of Sustainability

12/10/12

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Colorado State University



David B. Doty
Associate Director, Office of Sponsored Programs

12/5/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Diné 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.

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Fort Lewis 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.

Barbara Jean Morris
Provost, Vice President for Academic Affairs

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Haskell Indian Nations University

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.

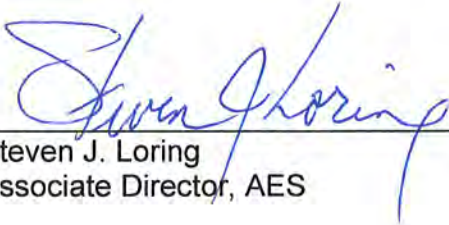
[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. New Mexico State University



Steven J. Loring
Associate Director, AES

1-15-2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Oregon State University

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.

Lin Reilly
Senior Grant and Contract Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Arizona

Lee Anne T. Peters

Lee Anne T. Peters
Contract Officer

12/5/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Nevada-Reno

Charlene Hart

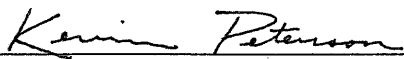
[Print Name]: Charlene Hart, MBA, CPA
[Print Title]: Director, Sponsored Projects

12/10/12

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Utah State University




Kevin Peterson
Director, Sponsored Programs

12/4/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. The Arboretum at Flagstaff

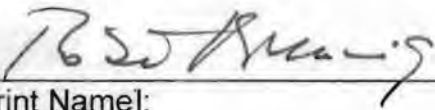


Kristen E. Haskins
Director of Research

1/9/2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Museum of Northern Arizona

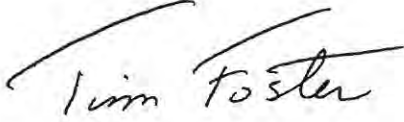


[Print Name]:
[Print Title]:

1.17.13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Mesa State College

Handwritten signature of Tim Foster in cursive script.

[Print Name]: Tim Foster
[Print Title]: President

1/28/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Southern Utah University

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.)

Z. Center for Desert Archaeology

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.

William H. Doelle
President and CEO

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Rocky Mountain Bird Observatory



Tammy VanCauteren
Executive Director

12-5-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. Weber State University

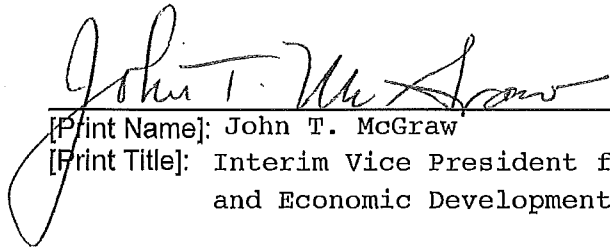
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Chris Millard
Director, Office of Sponsored Projects

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. University of New Mexico


[Print Name]: John T. McGraw 22482
[Print Title]: Interim Vice President for Research
and Economic Development
11 December 2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Crow Canyon Archaeological Center

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.

Mark D. Varien
Research and Education Chair

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. University of Pennsylvania

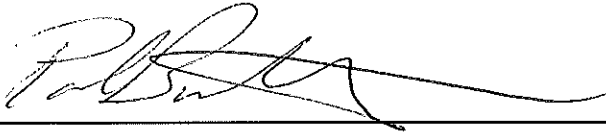
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

W. Stuart Watson
Associate Director

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont)

Prescott College



Paul Burkhardt
Executive Vice President for Academic Affairs and Provost

12-12-2012

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Institute for Bird Populations



Rodney Siegel
Executive Director

12-11-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. The University of Texas at San Antonio



James J. Casey, Jr. J.D.
Assistant Vice President for Sponsored Project Administration

12/7/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. University of Utah


Brent K. Brown
Director, Office of Sponsored Programs


Date