

**COLORADO PLATEAU
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FIVE 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
Colorado Mesa University (formerly 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
University of Utah**

**Adding:
Utah Valley University**

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.4. Utah Valley University 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.26. The technical representative for Utah Valley University is:

Dr. Daniel Horns
Associate Dean, College of Science and Health

Utah Valley University
800 West University Parkway
Orem, UT 84058
Phone: (801) 863-8582
hornsda@uvu.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. Colorado Mesa University (formerly 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
- JJ. Utah Valley University**

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
Grants Management Officer



Date



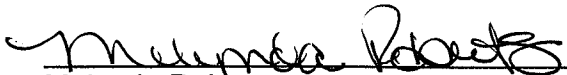
[Print Name]:
[Print Title]:



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Bureau of Reclamation

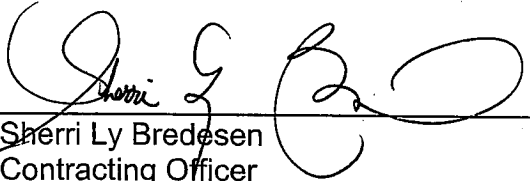


Melynda Roberts
Grants Officer

2/19/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey

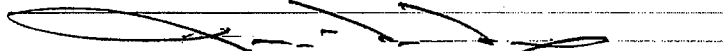


Sherri Ly Bredesen
Contracting Officer

02/20/13
Date


ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. National Park Service



Michael Beckofen *KELVIN DELANEY*
Contracting Officer

3.22.13
Date



Tammy Whittington
Associate Regional Director, Resources

3/25/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. 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.

Greg Watson
Chief, Office of Landscape Conservation

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service



Allison Hill
Program Manager, Rocky Mountain Research Station

Date 2/27/13

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

 2/22/13
Grants & Agreement Specialist Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service

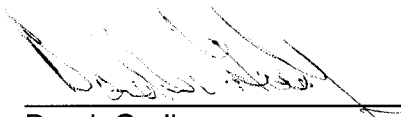
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Jane Hardisty
Acting Deputy Chief for Management

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



Derek Gadberry
Grants Officer (Representing ODUSD (I&E))

14 Feb 13
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: 2013.03.03 21:25:51 -06'00'

03 March 2013

Deanna Sontag
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Northern Arizona University

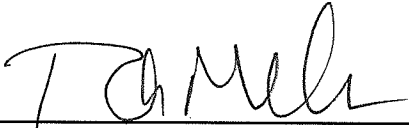


Wilma G. Ennenga
Director, Grant and Contract Services

04/08/2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Arizona State University



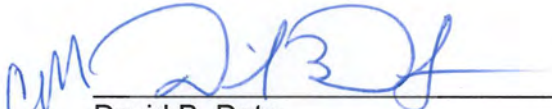
Rob Melnick
Executive Dean, Global Institute of Sustainability/School of Sustainability

2-19-13

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Colorado State University



David B. Doty
Associate Director, Office of Sponsored Programs

2/20/15
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



Barbara Jean Morris
Provost, Vice President for Academic Affairs

3/8/2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Haskell Indian Nations University

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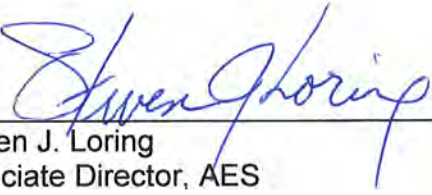
[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. New Mexico State University



Steven J. Loring
Associate Director, AES

2/19/2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Oregon State University

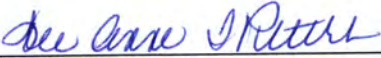
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Lin Reilly
Senior Grant and Contract Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Arizona



Lee Anne T. Peters
Contract Officer

3/18/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Nevada-Reno

Charlene Hart

Charlene Hart, MBA, CPA
Director, Sponsored Projects

02/26/13

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Utah State University




Kevin Peterson
Director, Sponsored Programs

2/19/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. The Arboretum at Flagstaff

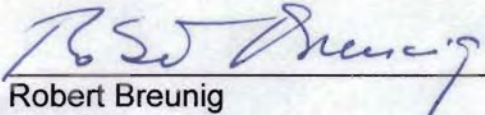


Kristen E. Haskins
Director of Research

21st Feb. 2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Museum of Northern Arizona

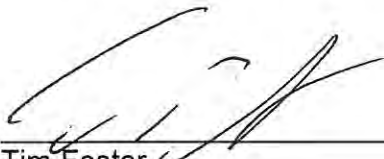


Robert Breunig
Director

3.5.13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Colorado Mesa University (formerly Mesa State College)



Tim Foster
President

2/26/13
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.)

ARCHAEOLOGY SOUTHWEST
Z. Center for Desert Archaeology (formerly)



William H. Doelle
President and CEO

2/19/2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Rocky Mountain Bird Observatory

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.

Tammy VanCauteren
Executive Director

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

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.

John T. McGraw
Interim Vice President for Research and Economic Development

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, Office of Research Services

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. Prescott College

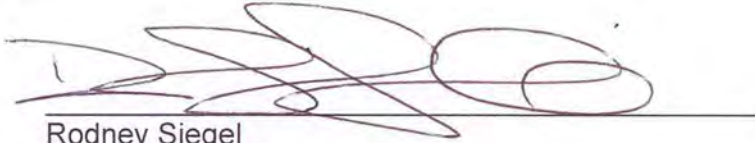
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Paul Burkhardt
Executive Vice President for Academic Affairs and Provost

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Institute for Bird Populations

A handwritten signature in dark ink, consisting of several overlapping loops and strokes, positioned above a horizontal line.

Rodney Siegel
Executive Director

2-25-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. The University of Texas at San Antonio

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.

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

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. University of Utah



Brent K. Brown
Director, Office of Sponsored Programs

20 Feb 13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. Utah Valley University

B D B O

Dr. Brian Birch
Associate Vice President – Engaged Learning

2/10/13
Date