

**COLORADO PLATEAU
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

between

NAVAJO NATION

and

**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
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**

**Archaeology Southwest (formerly 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
Utah Valley University
Dixie State University
Conservation Science Partners
Desert Research Institute**

Adding: Bureau of Indian Affairs

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

- A.1. The Bureau of Indian Affairs (BIA) is hereby included in the Colorado Plateau CESU as a Federal Agency Partner.
- N. Bureau of Indian Affairs (BIA) is the oldest bureau of the United States Department of the Interior. Established in 1824, BIA currently provides services to approximately 1.9 million American Indians and Alaska Natives. There are 566 federally recognized American Indian tribes and Alaska Natives in the United States. The mission of the Bureau of Indian Affairs is to: "... enhance the quality of life, to promote economic opportunity, and to carry out the responsibility to protect and improve the trust assets of American Indians, Indian tribes, and Alaska Natives." BIA has responsibility for the administration and management of 55 million surface acres and 57 million acres of subsurface minerals estates held in trust by the United States for American Indian, Indian tribes, and Alaska Natives. BIA serves a special role, both serving tribes through trust management and by providing technical support and advice across a broad range of topics. The BIA is also the lead agency providing for federal management of the trust corpus held on behalf of tribal government and individual beneficial owners and as such is tasked with coordinating science, technical education, and management needs for those trust resources. The tribes, through the Indian Self-Determination and Education Assistance Act of 1975 (Pub. L. 93-638) are authorized to contract BIA management functions and as such mission needs,

research results, and education efforts serve and enable tribal and BIA staff. The Act also authorized the federal government to follow specific contracting regulations for Recognized Federal Indian Tribes, and with tribal approval, tribally chartered Indian colleges and universities.

BIA participation in the CESU Network will include support, coordination, and cooperation focused on science and education for climate and trust resource management, as well as other areas within its range of mission-related services and activities. BIA is authorized to enter into cooperative agreements under the general authority for climate change via the Snyder Act of 1921, as amended, 25 U.S.C. § 13; for FY14 (2-year funding) via Pub. L. 113-76, and FY15 (2-year funding) via Pub. L. 113-164, as amended (and subsequent annual budget appropriations as may be authorized during the term of the agreement); and for any potential Forestry and Wildland Fire Management program efforts, via the National Indian Forest Resources Management Act of 1990, Pub. L. 101- 630. BIA has the authority to enter into this agreement pursuant to 25 U.S.C. § 2; the Education and Training Program, 23 U.S.C. § 6004; and Snyder Act of 1921, as amended, 25 U.S.C. § 13.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the Colorado Plateau CESU Cooperative and Joint Venture Agreement is 18 June 2014.
- A.2. 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

- B.10. The technical representative for the Bureau of Indian Affairs is:

Sean J. Hart
Climate Change Coordinator
Bureau of Indian Affairs
1849 C Street NW, MIB 4635
Washington DC, 20240
Phone: (202) 513-0337
sean.hart@bia.gov

ARTICLE V. AWARD

- A.1. Upon signature of all parties to this amendment, the Bureau of Indian Affairs shall commit funds to the Colorado Plateau CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement. The amount of funding shall be determined in accordance with CESU Network annual support guidelines.

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
- G. Bureau of Indian Affairs**

U.S. DEPARTMENT OF AGRICULTURE

- H. U.S. Forest Service
- I. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

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

L. NORTHERN ARIZONA UNIVERSITY (HOST)

- M. Arizona State University
- N. Colorado State University
- O. Diné College
- P. Fort Lewis College
- 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. Archaeology Southwest (formerly 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
KK. Dixie State University
LL. Conservation Science Partners
MM. Desert Research Institute

ARTICLE XIII. AGREEMENT 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.

Ben Shelly
President

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

B. Bureau of Land Management



Jenna Whitlock
Acting State Director

4/30/15
Date



Maria Gochis
Grant Management Officer

4/28/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Bureau of Reclamation

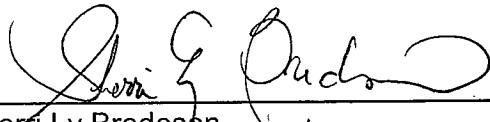
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Lindsey Nafts
Grants and Cooperative Agreements Specialist

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

03/12/15

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

E. National Park Service



Andrew E. Lubner
Contracting Officer

4/15/15
Date



Kelvin A. Delaney
Financial Assistance Officer

4.8.15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Fish and Wildlife Service

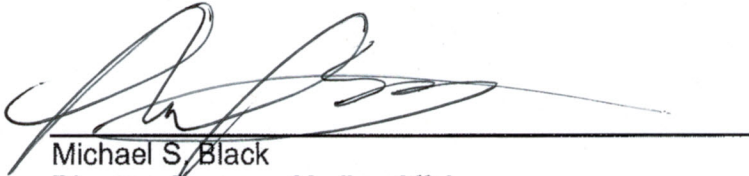
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Greg Watson
Chief of Landscape Conservation

Date

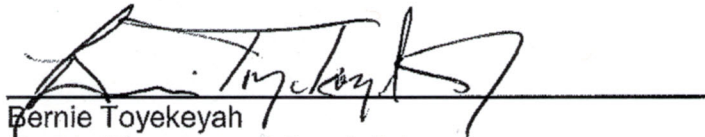
ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

G. Bureau of Indian Affairs



Michael S. Black
Director, Bureau of Indian Affairs
U.S. Department of Interior

3/12/15
Date

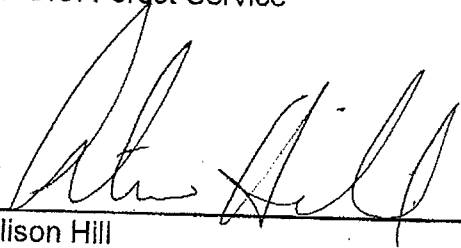


Bernie Toyekayah
Grants Management Specialist

2/10/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

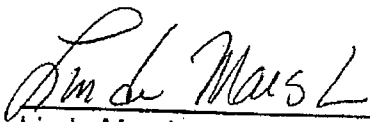
H. U.S. Forest Service



Allison Hill
Program Manager, Rocky Mountain Research Station

3/16/15
Date

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



Linda Marsh
Grants and Agreements Specialist

3/11/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

I. Natural Resources Conservation Service

for 

GAYLE N. BARRY
Deputy Chief for Management

4-2-2015
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

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

ROBICHEAUX.TRACI.D.1260353990

Digitally signed by ROBICHEAUX.TRACI.D.1260353990
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cn=ROBICHEAUX.TRACI.D.1260353990
Date: 2015.04.28 09:48:26 -05'00'

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

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



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ou=PKI, ou=USA,
cn=SONTAG.DEANNDAS.1230791909
2015.03.27 13:47:52 -05'00'

Deanna Sontag
Grants Officer

27 Mar 2015

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

L. Northern Arizona University

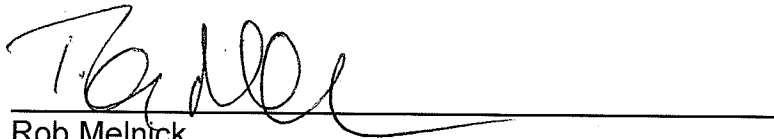


Wilma G. Ennenga
Director, Grant and Contract Services

April 10, 2015
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

M. Arizona State University



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

4/14/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

N. Colorado State University


CM 

David B. Doty
Associate Director, Office of Sponsored Programs

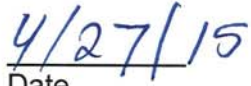
4/16/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

O. Diné College



Maggie George
President



Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

P. Fort Lewis College



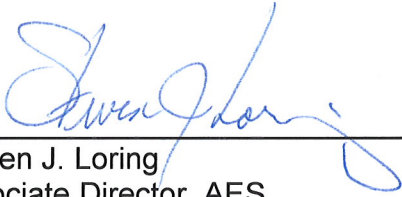
Barbara Jean Morris
Provost, Vice President for Academic Affairs



Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

Q. New Mexico State University



Steven J. Loring
Associate Director, AES

4-10-2015

Date

ARTICLE XIII. AGREEMENT 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 XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

S. University of Arizona



Lewis Barbieri
Director, Contract & Research Support

4/16/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

T. University of Nevada-Reno

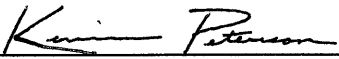
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Charlene Hart, MBA, CPA
Director, Sponsored Projects

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

U. Utah State University



Kevin Peterson
Director, Sponsored Programs

April 10, 2014
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

V. The Arboretum at Flagstaff

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.

Kristen E. Haskins
Director of Research

Date


ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

W. Museum of Northern Arizona

for Kimberly B (Technical Representative) 4/20/2015
~~Robert Breunig~~ Carrie Heinonen Date
Director

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

X. Colorado Mesa University (formerly Mesa State College)



Tim Foster
President

4/27/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

Y. Southern Utah University

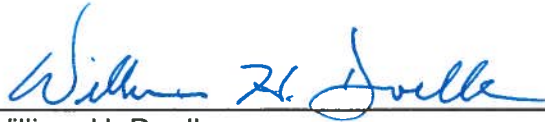
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Julia Anderson
Director, Sponsored Programs Office

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

Z. Archaeology Southwest (formerly Center for Desert Archaeology)

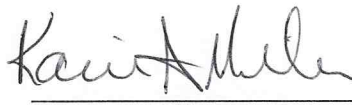


William H. Doelle
President and CEO

4/10/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

AA. Rocky Mountain Bird Observatory

 for Tammy VanCauteren

Tammy VanCauteren
Executive Director

20 April 2015

Date

ARTICLE XIII. AGREEMENT 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 XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

CC. University of New Mexico

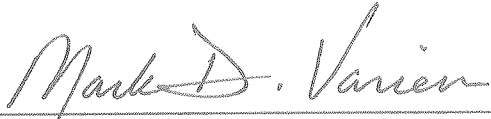


4/13/2015

Michael Dougher
Vice President for Research

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

DD. Crow Canyon Archaeological Center




Mark D. Varien
Chair, Research and Education



Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

EE. University of Pennsylvania

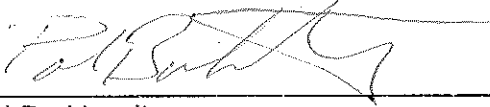


W. Stuart Watson
Associate Director, Office of Research Services

4/20/15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

FF. Prescott College



Paul Burkhardt
Executive Vice President for Academic Affairs and Provost

4/15/2015
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

GG. Institute for Bird Populations

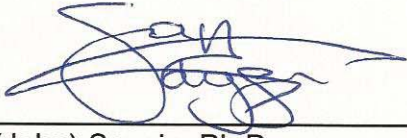
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Rodney Siegel
Executive Director

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

HH. The University of Texas at San Antonio



Can (John) Saygin, Ph.D.
Assistant Vice President for Sponsored Project Administration

4/23/2015
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

II. University of Utah



Brent K. Brown
Director, Office of Sponsored Programs

21 April 15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

JJ. Utah Valley University



~~Dr. Brian Birch~~ Frederick H. White
Associate Vice President – Engaged Learning

20 April 2015

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

KK. Dixie State University

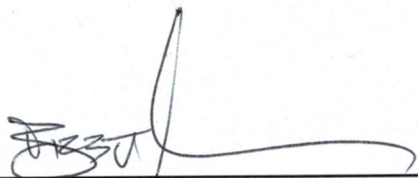


Paul C. Morris
Vice President for Administrative Services

4/27/2015
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

LL. Conservation Science Partners



Brett Dickson
President

4.14.15
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

MM. The Board of Regents of the Nevada System of Higher Education
on behalf of the Desert Research Institute



4/10/15

Alan W. Gertler, Ph.D.
Vice President for Research

Date