

**COLORADO PLATEAU  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT SEVEN 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  
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**

**Adding:  
Conservation Science Partners  
Desert Research Institute**

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.6. Conservation Science Partners and Desert Research Institute are hereby included in the Colorado Plateau CESU as a Partner Institutions.

#### **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.28. The technical representative for Conservation Science Partners is:

Dr. Brett G. Dickson  
President and Chief Scientist  
Conservation Science Partners  
11050 Pioneer Trail, Suite 202  
Truckee, CA 96161  
Phone: (530) 214-8905  
[info@csp-inc.org](mailto:info@csp-inc.org)

C.29. The technical representative for Desert Research Institute is:

Dave Rhode  
Associate Research Professor  
Research Professor  
Desert Research Institute  
2215 Raggio Parkway  
Reno, NV 89512  
Phone: (775) 673-7310  
Fax: (775) 673-7485  
[Dave.Rhode@dri.edu](mailto:Dave.Rhode@dri.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. 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 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

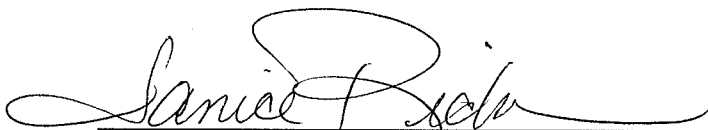
  
\_\_\_\_\_  
Date

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

  
\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Bureau of Reclamation



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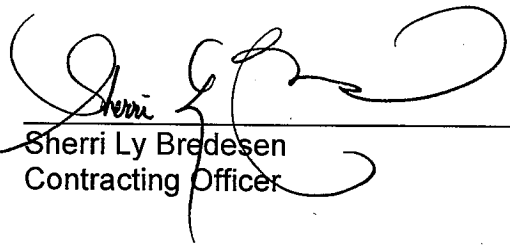
~~Melinda Roberts~~ Janice Richardson

Grants Officer

3-11-14  
Date

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

D. U.S. Geological Survey



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Sherri Ly Bredesen  
Contracting Officer

02/04/14  
Date

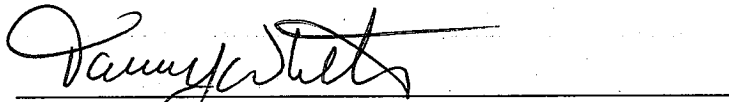


ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. National Park Service

  
Michael Beckofer  
Contracting Officer

2-19-14  
Date

  
Tammy Whittington  
Associate Regional Director, Resources

2-24-14  
Date

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

F. U.S. Fish and Wildlife Service

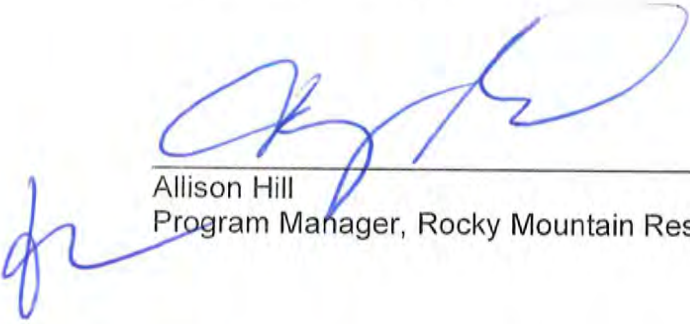
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
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 2/7/14

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

  
\_\_\_\_\_  
Grants & Agreement Specialist      Date 2/5/14

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

H. Natural Resources Conservation Service

  
GAYLE N. BARRY  
Deputy Chief for Management

2/12/14  
Date

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

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

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

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Digitally signed by  
ROBICHEAUX.TRACI.D.1260353990  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990  
Date: 2014.02.03 13:19:22 -06'00'

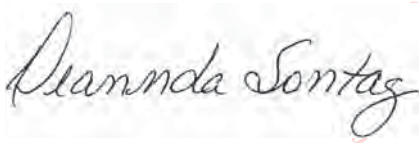
3 Feb 2014

Traci Robicheaux  
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: 2014.01.30 13:11:51 -06'00'

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Deanna Sontag  
Grants Officer

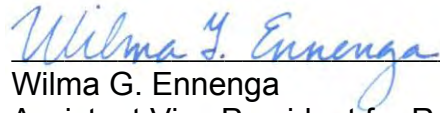
30 Jan 2014

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Date

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

K. Northern Arizona University



\_\_\_\_\_  
Wilma G. Ennenga  
Assistant Vice President for Research Administration  
and Director, Office of Grant and Contract Services

February 26, 2014  
Date

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

L. Arizona 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.

\_\_\_\_\_  
Rob Melnick

Executive Dean, Global Institute of Sustainability/School of Sustainability

\_\_\_\_\_  
Date



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

M. Colorado State University

  
\_\_\_\_\_

David B. Doty  
Associate Director, Office of Sponsored Programs

1/25/14  
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



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Barbara Jean Morris  
Provost, Vice President for Academic Affairs

2/3/2014  
Date

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

P. Haskell Indian Nations University

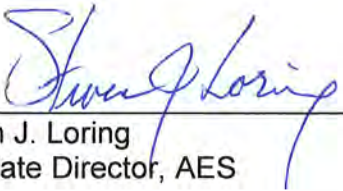
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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

\_\_\_\_\_  
Date

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

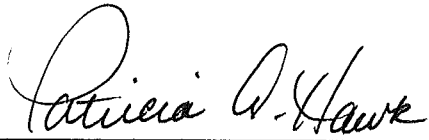
Q. New Mexico State University

  
\_\_\_\_\_  
Steven J. Loring  
Associate Director, AES

1/31/2014  
Date

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

R. Oregon State University



~~Lin Reilly  
Senior Grant and Contract Officer~~

Patricia A. Hawk  
Director, Sponsored Programs  
Contracting Officer

Date 2/25/14

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Arizona



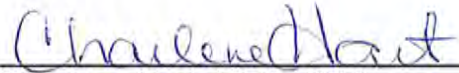
\_\_\_\_\_  
Lee Anne T. Peters  
Contract Officer



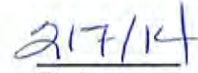
\_\_\_\_\_  
Date

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

T. University of Nevada-Reno



Charlene Hart, MBA, CPA  
Director, Sponsored Projects

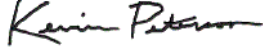


Date



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

U. Utah State University

DocuSigned by:  
  
6A4DC843308949D...

2/1/2014

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Kevin Peterson  
Director, Sponsored Programs

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Date

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

W. Museum of Northern Arizona

A handwritten signature in cursive script, appearing to read "Robert Breunig", is written over a horizontal line.

Robert Breunig

Director

3.17.14

Date

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

X. Colorado Mesa University (formerly Mesa State 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.

\_\_\_\_\_  
Tim Foster  
President

\_\_\_\_\_  
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. Archaeology Southwest (formerly Center for Desert Archaeology)

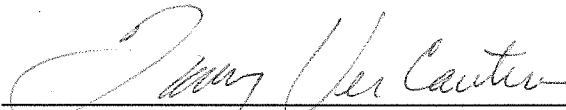
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
William H. Doelle  
President and CEO

\_\_\_\_\_  
Date

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

AA. Rocky Mountain Bird Observatory

  
\_\_\_\_\_  
Tammy VanCauteren  
Executive Director

2-6-14  
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

  
\_\_\_\_\_  
Michael Dougher  
Vice Provost for Research

2/3/14  
Date

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

DD. Crow Canyon Archaeological Center

*Mark D. Varien*

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Mark D. Varien  
Research and Education Chair

2/3/2014

Date

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

EE. University of Pennsylvania



\_\_\_\_\_  
W. Stuart Watson  
Associate Director, Office of Research Services

2/20/14

Date

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

FF. Prescott College



\_\_\_\_\_  
Paul Burkhardt  
Executive Vice President for Academic Affairs and Provost

2/4/2014  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Institute for Bird Populations

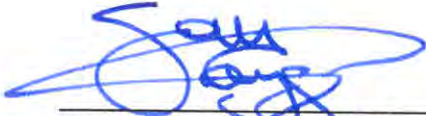
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Rodney Siegel  
Executive Director

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. The University of Texas at San Antonio



\_\_\_\_\_  
Can (John) Saygin, Ph.D.  
Interim Assistant Vice President for Sponsored Projects Administration

2/26/2014  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. University of Utah

  
\_\_\_\_\_  
Brett K. Brown  
Director, Office of Sponsored Programs

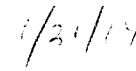
5 Feb 14  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. Utah Valley University



\_\_\_\_\_  
Dr. Brian Birch  
Associate Vice President – Engaged Learning



\_\_\_\_\_  
Date



ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Dixie 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.

\_\_\_\_\_  
Paul C. Morris  
Vice President for Administrative Services

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

**LL. Conservation Science Partners**

A handwritten signature in black ink, appearing to read "Brett Dickson", written over a horizontal line.

Brett Dickson  
President

1-30-14

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



Alan W. Gertler, Ph.D.  
2014.01.30 09:10:01 -08'00'

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Alan W. Gertler, PhD  
Vice President for Research

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Date