

**DESERT SOUTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

and

**ARIZONA BOARD OF REGENTS
THE UNIVERSITY OF ARIZONA (HOST)
Howard University
New Mexico State University
Texas State University
University of California–Riverside
University of Texas at El Paso
Universidad de Sonora
Arizona-Sonora Desert Museum
Sonoran Institute
The Nature Conservancy
Organization of American Historians
Pima County and Pima County Regional Flood Control District
Desert Southwest Bird Observatory
University of Texas at Arlington
Cornerstones Community Partnerships
Rancho Santa Ana Botanic Garden**

**CyArk
Western National Parks Association
University of Utah**

Adding:

Archaeology Southwest

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

ARTICLE I. BACKGROUND AND OBJECTIVES

L.3. Archaeology Southwest is hereby included in the Desert Southwest CESU as a Partner Institution.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Desert Southwest CESU Cooperative and Joint Venture Agreement is 07 October 2010.

A.2. The effective date of this amendment to the Desert Southwest CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

ARTICLE IV. KEY OFFICIALS

C.19. The technical representative for the Archaeology Southwest is:

Linda Pierce
Deputy Director
Archaeology Southwest
300 N. Ash Alley
Tucson, AZ 85701
Phone: (520) 882-6946 ext. 23
lpierce@archaeologysouthwest.org

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

J. ARIZONA BOARD OF REGENTS THE UNIVERSITY OF ARIZONA (HOST)

- K. Howard University
- L. New Mexico State University
- M. Texas State University
- N. University of California – Riverside
- O. University of Texas at El Paso
- P. Universidad de Sonora
- Q. Arizona-Sonora Desert Museum
- R. Sonoran Institute
- S. The Nature Conservancy
- T. Organization of American Historians
- U. Pima County and Pima County Regional Flood Control District
- V. Rocky Mountain Bird Observatory
- W. University of Texas at Arlington
- X. Cornerstones Community Partnerships
- Y. Rancho Santa Ana Botanic Garden
- Z. CyArk
- AA. Western National Parks Association
- BB. University of Utah
- CC. Archaeology Southwest**

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

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 G. Kenna
State Director

Date

Tom Bonner
State Procurement Analyst

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Bureau of Reclamation

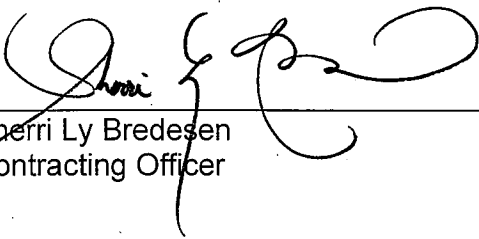
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Janice Richardson
Grants Officer

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

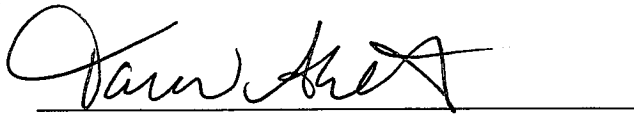


Sherri Ly Bredeesen
Contracting Officer

06/17/14
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service



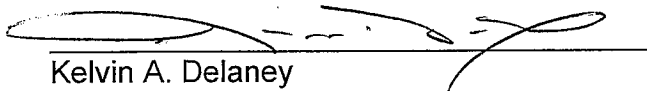
Tammy Whittington
Associate Regional Director
Resources/Science Advisor

5/27/14
Date



Andrew E. Lubner
Contracting Officer

5/19/14
Date

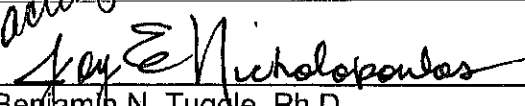


Kelvin A. Delaney
Financial Assistance Officer

5-22-2014
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)


E. U.S. Fish and Wildlife Service

acting

Benjamin N. Tuggle, Ph.D.
Regional Director, Southwest Region

5/22/14
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service



Alison Hill
Program Manager

Date 5/19/14

This authority and format of this instrument have been reviewed and approved for signature.



LINDA MARSH
Grants Management Specialist

Date 5/16/14

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

Edward M. Biggers, Jr.
GAYLE N. BARRY *Acting For*
Deputy Chief for Management

6/6/2014
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. 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.

Traci Robicheaux


Grants Officer

Representing ODUSD (I&E)

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. 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: 2014.05.08 14:53:17 -05'00'

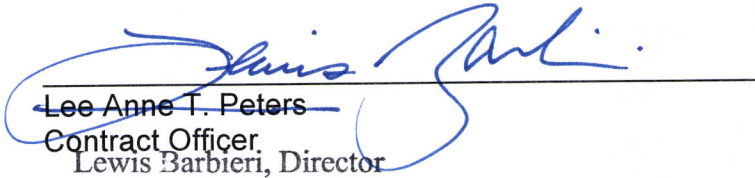
Deanna Sontag
Grants Officer

8 May 2014

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Arizona Board of Regents - The University of Arizona


~~Lee Anne T. Peters~~
Contract Officer
Lewis Barbieri, Director
Office of Research and Contract Analysis

5/12/14
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Howard 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.

James A. Donaldson
Dean

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. The Regents of New Mexico State University



~~Neta Fernandez~~ Alisha A. Giron *for*
Director, Office of Grants and Contracts

5/19/14
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Texas State University



W. Scott Erwin
Director, Sponsored Programs

6/19/14
Date

gt

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. The Regents of the University of California, on behalf of its Riverside campus



Cynthia J. Wells
Director, Sponsored Programs

5/9/2014

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Texas at El Paso



Dr. Roberto A. Osegueda
Vice President for Research

6-24-14
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Universidad de Sonora


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.

Heriberto Grijalva Monteverde
Rector

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Arizona-Sonora Desert Museum



Debra Colodner
Director, Conservation, Education and Science

6/20/14
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Sonoran Institute

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.

Donald L. Chatfield
Deputy Director, Operations

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. The Nature Conservancy

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.

Patrick J. Graham
State Director

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Organization of American Historians

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.

Katherine M. Finley
Executive Director

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Pima County and Pima County Regional Flood Control District



John M. Bernal
Deputy County Administrator

5/13/14
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. 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 VerCauteren
Executive Director

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. University of Texas at Arlington


Carolyn L. Cason

~~Ronald L. Elsenbaumer~~ *Carolyn L. Cason*
Vice President for Research and Federal Relations

May 13, 2014
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

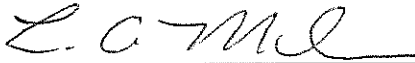
X. Cornerstones Community Partnership

 ACTING ED
Robin Jones
Executive Director

6/19/17
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Rancho Santa Ana Botanic Garden



~~Patrick S. Larkin~~
~~Executive Director~~

8 May 2014
Date

Lucinda A. McDade, Ph.D.
Executive Director

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. CyArk



Nancy Topp
Finance and Business Manager

May 9, 2014

Date

Elizabeth Lee
Vice President

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Western National Parks Association

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James E. Cook
Executive Director

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. University of Utah



Brent K. Brown
Director, Office of Sponsored Programs



Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Archaeology Southwest



William H. Doelle
President and CEO

5/7/14
Date