

**DESERT SOUTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT SIX 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
Archaeology Southwest
Sky Island Alliance**

Adding:

Northern Arizona University

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.5. Northern Arizona University 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.21. The technical representative for the Northern Arizona University is:

James A. Allen
Professor and Executive Director
School of Forestry
Northern Arizona University
PO Box 15018
Flagstaff, AZ 86011-5018
Phone: (928) 523-5894
James.Allen@nau.edu

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
- DD. Sky Island Alliance
- EE. Northern Arizona University**

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

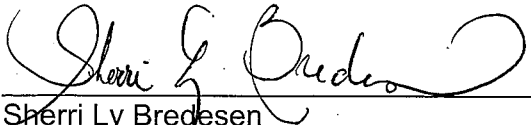
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Janice Richardson
Grants Officer

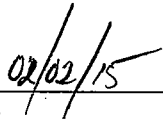
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey



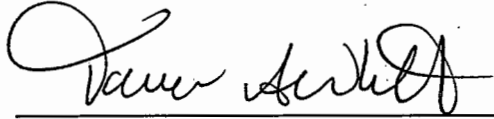
Sherri Ly Bredesen
Contracting Officer



Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

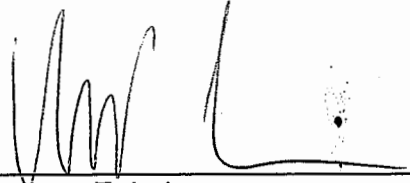
D. National Park Service



Tammy Whittington
Associate Regional Director
Resources/Science Advisor

3/16/15

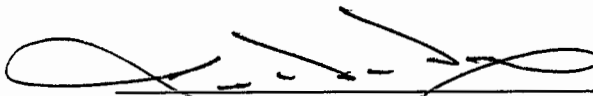
Date



Andrew E. Lubner
Contracting Officer

2/27/15

Date



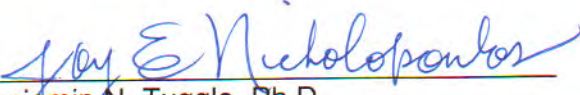
Kelvin A. Delaney
Financial Assistance Officer

3.13.2015

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

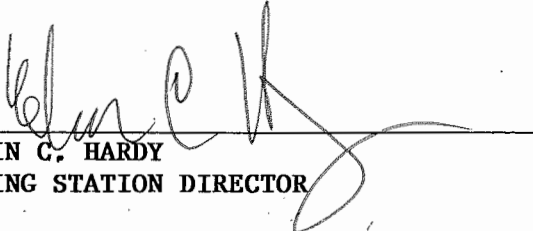
E. U.S. Fish and Wildlife Service

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

2/2/15
Date


ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service


COLIN C. HARDY
ACTING STATION DIRECTOR

Date 2/3/15

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


Linda Marsh
Grants and Agreements Specialist

Date 2/2/15

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. 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.

Gayle Norman Berry
Deputy Chief for Management

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

**ROBICHEAUX.TRACI.D.1
260353990**

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: 2015.02.03 12:36:00 -06'00'

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



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SONTAG.DEANNDA.S.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SONTAG.DEANNDA.S.1230791909
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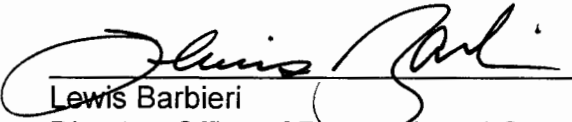
Deanna Sontag
Grants Officer

9 Feb 2015

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Arizona Board of Regents - The University of Arizona



Lewis Barbieri
Director, Office of Research and Contract Analysis

2/13/15
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.

Dr. Michael R. Winston
Provost and Chief Academic Officer

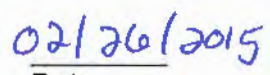
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. The Regents of New Mexico State University



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



Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Texas State University



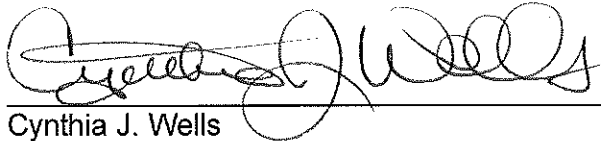
W. Scott Erwin
Director, Sponsored Programs

2/4/15
Date



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

3 Feb. 2015
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Texas at El Paso

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.

Dr. Roberto A. Osegueda
Vice President for Research

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



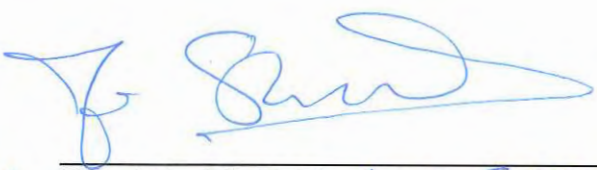
~~Debra Colodner~~
~~Director, Conservation, Education and Science~~
Kim Franklin
Conservation Research Scientist

2/3/2015

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Sonoran Institute

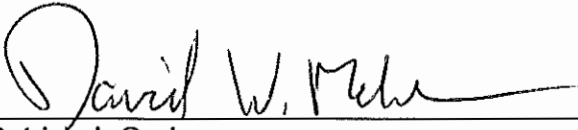


YS ~~Donald L. Chatfield~~ JOHN SHEPARD
YS ~~Deputy Director, Operations~~ SENIOR ADVISER

2/3/15
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. The Nature Conservancy



~~Patrick J. Graham~~
~~State Director~~

David W. Mehlman
Director, Migratory Bird Program

2/3/15
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Organization of American Historians

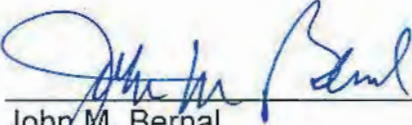
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Katherine M. Finley
Executive Director

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Pima County and Pima County Regional Flood Control District



John M. Bernal
Deputy County Administrator

2/25/15
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Rocky Mountain Bird Observatory



Tammy VerCauteren
Executive Director

2-4-15

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. University of Texas at Arlington

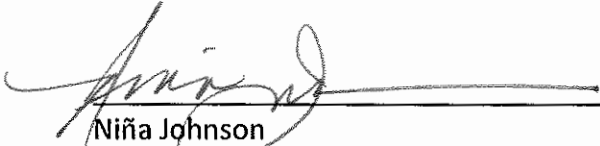
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Carolyn L. Cason
Vice President for Research and Federal Relations

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont)

X. Cornerstones Community Partnerships

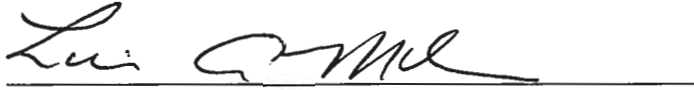


Niña Johnson
Executive Director

2/2/2015
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Rancho Santa Ana Botanic Garden

A handwritten signature in cursive script, appearing to read "Lucinda A. McDade", written over a horizontal line.

Lucinda A. McDade, Ph.D.
Executive Director

25 Feb 2015

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. CyArk

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Elizabeth Lee
Finance and Business Manager

Date

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

FEB 02 2015

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Archaeology Southwest

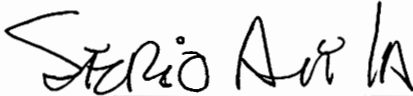


William H. Doelle
President and CEO


Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Sky Island Alliance



Sergio Avila
Program Manager

FEB. 3, 2015

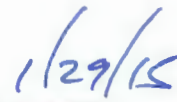
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Northern Arizona University



William P. Grabe, Ph.D.
Vice President for Research



Date