

**DESERT SOUTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT THREE 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**

Adding:

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

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.2. CyArk, Western National Parks Association, and University of Utah are 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.16. The technical representative for CyArk is:

Ms. Elizabeth Lee
Director of Operations
CyArk
2201 Broadway, Suite 602
Oakland, CA 94612
Phone: (510) 832-5440
elizabeth.lee@cyark.org

C.17. The technical representative for Western National Parks Association is:

Todd R. Berger
Publisher and Creative Director
Western National Parks Association
12880 N. Vistoso Village Dr.
Tucson, AZ 85755

Phone: (520) 789-7403
Todd@wnpa.org

C.18. The technical representative for the University of Utah is:

Matt Brownlee, Ph.D.
Assistant Professor
Natural Resources Recreation Planning and Management
Department of Parks, Recreation and Tourism | University of Utah
1901 E. South Campus Dr. | Annex C | Room 1070
Salt Lake City, Utah 84112
Phone: (801) 585-7239
matthew.brownlee@hsc.utah.edu

Administrative representative:
Brent K. Brown, JD
Director of Sponsored Projects
75 South 2000 East, Rm 211
Salt Lake City, Utah 84112-8930
Phone: (801) 581.6903
ospawards@osp.utah.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

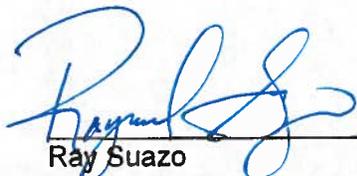
J. ARIZONA BOARD OF REGENTS THE UNIVERSITY OF ARIZONA (HOST)

- 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

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management



Ray Suazo
State Director

8/6/2013

Date



Sandra Kharan
State Procurement Analyst

6 Aug 2013

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Bureau of Reclamation

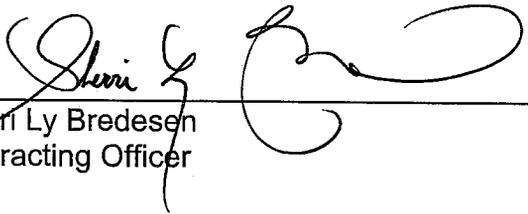


Melinda Roberts Janice M. Richardson
Grants Officer

6-21-13
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

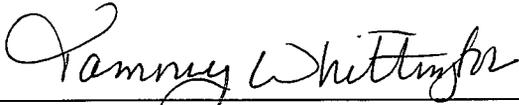


Sherri Ly Bredesen
Contracting Officer

07/05/13
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

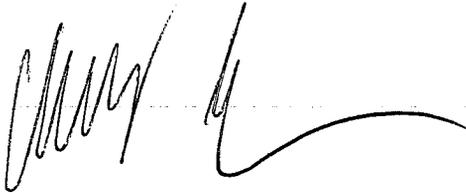
D. National Park Service



Tammy Whittington
Associate Regional Director
Resources/Science Advisor

6/26/13

Date



~~Robert Dobson~~ Andrew Lubner
Agreements Officer

7/2/13

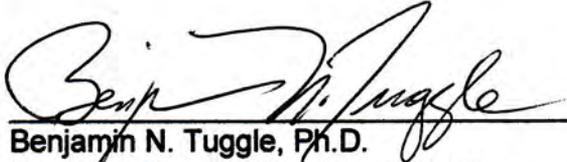
Date

[Print Name]:
[Print Title]:

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S. Fish and Wildlife Service


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

6/25/2013
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service



Alison Hill
Deputy Station Manager

Date 7/17/13

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

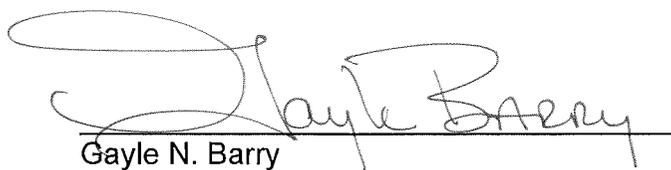


LINDA MARSH
Grants and Agreements Specialist

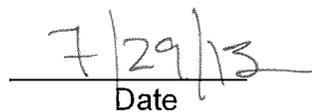
Date 7/17/13

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

A handwritten signature in cursive script that reads "Gayle N. Barry". The signature is written over a horizontal line.

Gayle N. Barry
Deputy Chief for Management

A handwritten date "7/29/13" written in a simple, blocky font. The date is written over a horizontal line.

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



Derrek Gadberry
Grants Officer
Representing ODUSD (I&E)

24 Jun 13

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: 2013.07.03 12:43:31 -05'00'

Deanna Sontag
Grants Officer

3 July 2013

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Arizona Board of Regents - The University of Arizona

Lee Anne Peters

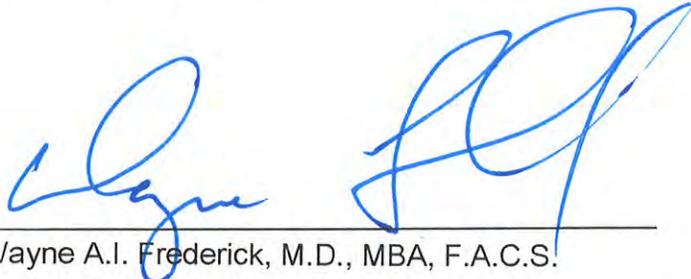
Lee Anne T. Peters
Contract Officer

7/19/13

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Howard University

A handwritten signature in blue ink, appearing to read 'Wayne A.I. Frederick', written over a horizontal line.

Wayne A.I. Frederick, M.D., MBA, F.A.C.S.
Provost and Chief Academic Officer

8/27/13
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. The Regents of New Mexico State University



Dr. Neta Fernandez
Director, Office of Grants and Contracts

9/25/13
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Texas 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.

W. Scott Erwin
Director, Sponsored Programs

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

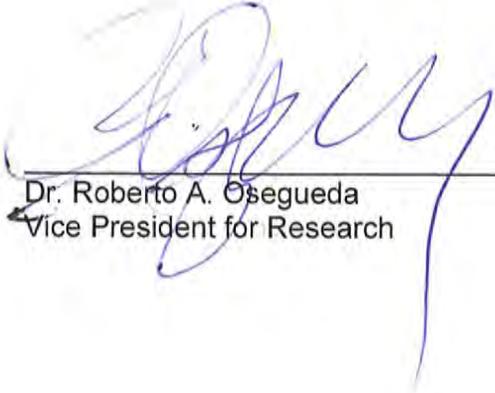
A handwritten signature in black ink, appearing to read 'Cynthia J. Wells', written over a horizontal line.

Cynthia J. Wells
Director, Sponsored Programs

6/26/2013
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Texas at El Paso



Dr. Roberto A. Osegueda
Vice President for Research

6/29/13
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~~

Kimberly Franklin
Conservation Research Scientist

7/17/2013

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Sonoran Institute

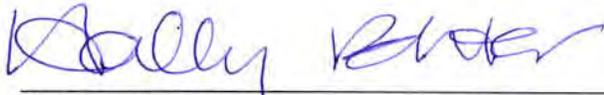
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Donald L. Chatfield
Deputy Director, Operations

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. The Nature Conservancy



Patrick J. Graham
State Director

(ACTING)
HOLLY RICHTER



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

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 M. Bernal
Deputy County Administrator

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Rocky Mountain Bird Observatory



Tammy VerCauteren
Executive Director

7-19-13

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. University of Texas at Arlington

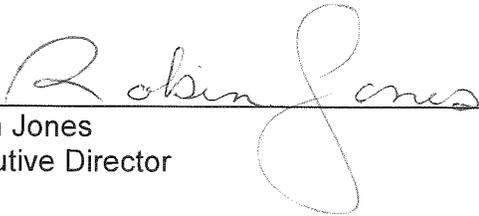
Carolyn L. Cason
Ronald L. Eisenbaumer
Vice President for Research and Federal Relations

6/26/2013
Date

Carolyn L. Cason
Vice President for Research

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Cornerstones Community Partnership



Robin Jones
Executive Director

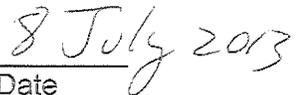
7/18/2015
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Rancho Santa Ana Botanic Garden



~~Patrick S. Larkin~~ Lucinda A. McDade
Executive Director



Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. CyArk

Nancy Topp

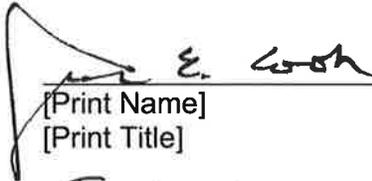
6/18/13

[Print Name] Nancy Topp
[Print Title] Finance and Business Manager

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Western National Parks Association



[Print Name]
[Print Title]
JAMES E. COOK
EXECUTIVE DIRECTOR

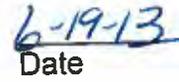
6/18/13
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. University of Utah

A handwritten signature in blue ink that reads "Kustie Thompson for BB" is written over a horizontal line.

Brent K. Brown
Director, Office of Sponsored Programs

A handwritten date "6-19-13" is written in blue ink above the word "Date".

Date