

**DESERT SOUTHWEST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FIVE 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**

**Adding:**

**Sky Island Alliance**

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.4. Sky Island Alliance 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.20. The technical representative for the Sky Island Alliance is:

Sergio Avila  
Connect & Explore Program Manager  
PO Box 41165  
Tucson, AZ 85717  
Phone: (520) 624-7080 ext. 16  
Fax: (520) 791-7709  
Sergio@skyislandalliance.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
- DD. Sky Island Alliance**

**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

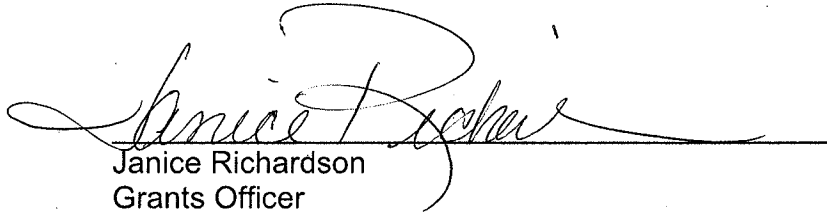
\_\_\_\_\_  
Date

\_\_\_\_\_  
Tom Bonner  
State Procurement Analyst

\_\_\_\_\_  
Date

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

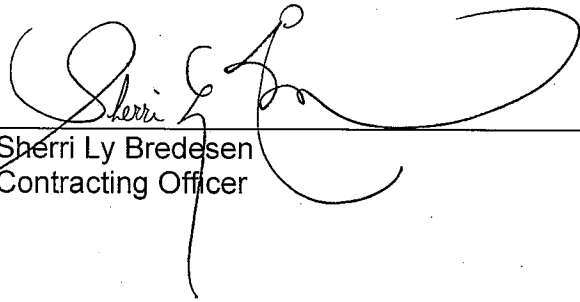
B. U.S. Bureau of Reclamation

  
Janice Richardson  
Grants Officer

6/30/14  
Date

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

C. U.S. Geological Survey



A handwritten signature in cursive script, appearing to read "Sherri Ly Bredesen", is written over a horizontal line. The signature is fluid and stylized, with a large loop at the end.

Sherri Ly Bredesen  
Contracting Officer

\_\_\_\_\_  
Date

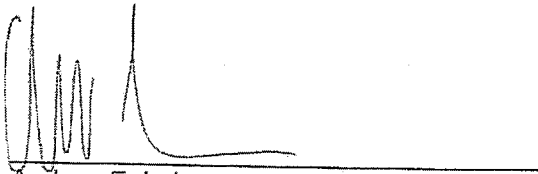
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service



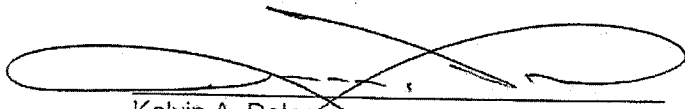
Tammy Whittington  
Associate Regional Director  
Resources/Science Advisor

7/11/2014  
Date



Andrew E. Lubner  
Contracting Officer

7/9/14  
Date



Kelvin A. Delaney  
Financial Assistance Officer

7-10-2014  
Date

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

E. 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.

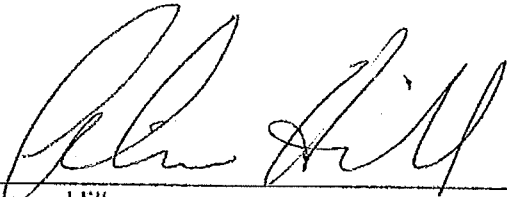
\_\_\_\_\_  
Benjamin N. Tuggle, Ph.D.  
Regional Director, Southwest Region

\_\_\_\_\_  
Date



ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

  
\_\_\_\_\_  
Alison Hill  
Program Manager

Date 7/9/14

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

  
\_\_\_\_\_  
Linda Marsh  
Grants and Agreements Specialist

Date 7/9/14

**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)

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: 2014.07.02 10:56:49 -05'00'

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Deanna Sontag  
Grants Officer

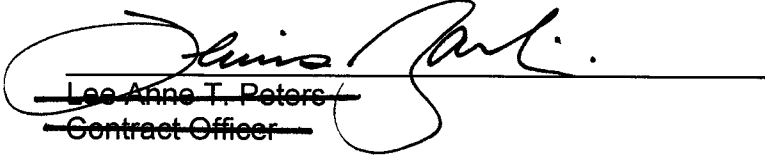
2 July 2014

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Date

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

J. Arizona Board of Regents - The University of Arizona

  
~~Lee Anne T. Peters~~  
~~Contract Officer~~

7/30/14  
Date

Lewis Barbieri, Director  
Office of Research and Contract Analysis

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

K. Howard University

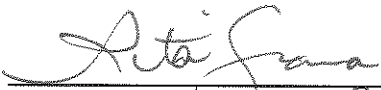
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
James A. Donaldson  
Dean

\_\_\_\_\_  
Date

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

L. The Regents of New Mexico State University

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

7/3/14  
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


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.

\_\_\_\_\_  
Cynthia J. Wells  
Director, Sponsored Programs

\_\_\_\_\_  
Date

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

O. University of Texas at El Paso



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Dr. Roberto A. Osegueda  
Vice President for Research

7/3/14  
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

7/3/14  
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.

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Katherine M. Finley  
Executive Director

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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.)**

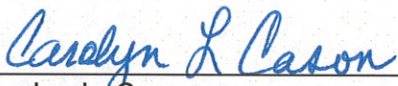
V. Rocky Mountain Bird Observatory

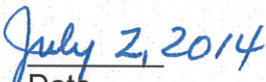
Kacie A. Miller for Tammy VerCauteren  
Tammy VerCauteren  
Executive Director

7 July 2014  
Date

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

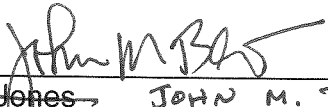
W. University of Texas at Arlington

  
\_\_\_\_\_  
Carolyn L. Cason  
Vice President for Research and Federal Relations

  
\_\_\_\_\_  
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

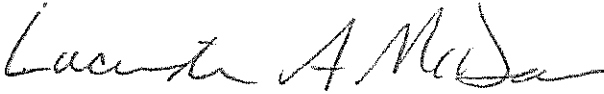
X. Cornerstones Community Partnership

  
\_\_\_\_\_  
~~Robin Jones~~ → JOHN M. BARROW  
ACTING Executive Director

7/7/14  
Date

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

Y. Rancho Santa Ana Botanic Garden



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

\_\_\_\_\_  
Date

Lucinda A. McDade, Ph.D.  
Executive Director

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

Z. CyArk



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Elizabeth Lee  
Finance and Business Manager

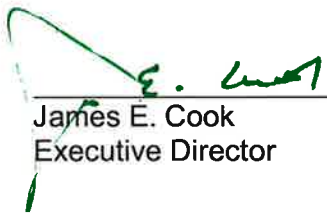
July 9, 2014  

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Date

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

AA. Western National Parks Association

  
\_\_\_\_\_  
James E. Cook  
Executive Director

7/2/14  
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

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 XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Sky Island Alliance

SERGIO AVILA  
PROGRAM MANAGER  
SKY ISLAND ALLIANCE

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[print name]  
[print title]

JUNE 18, 2014  
Date