

**DESERT SOUTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO 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**

Adding:

Rancho Santa Ana Botanic Garden

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.1. Rancho Santa Ana Botanic Garden 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.15. The technical representative for Rancho Santa Ana Botanic Garden is:

Dr. Lucinda McDade (Judith B. Friend Director of Research)
Rancho Santa Ana Botanic Garden
1500 N. College Avenue
Claremont, CA 91711
Phone: (909) 625-8767 x234
Fax: (909) 626-7670
lucinda.mcdade@cgu.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

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




Melynda Roberts
Grants Officer

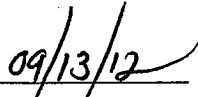
9/25/12
Date

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

 (Acting)

Tammy Whittington
Associate Regional Director
Resources/Science Advisor

9/29/12
Date

Print Name]:
[Print Title]:

Date



Print Name]: ROBERT DORSON
[Print Title]: AGRICULTURE OFFICER

9/21/12
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.)

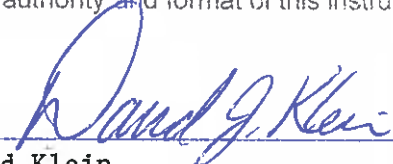
F. U.S. Forest Service



G. SAM FOSTER
STATION DIRECTOR, RMRS

Date 9/18/2012

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

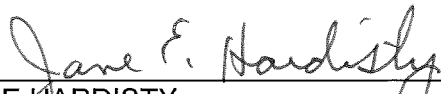


David Klein
Grants & Agreements Specialist

Date 9/18/2012

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

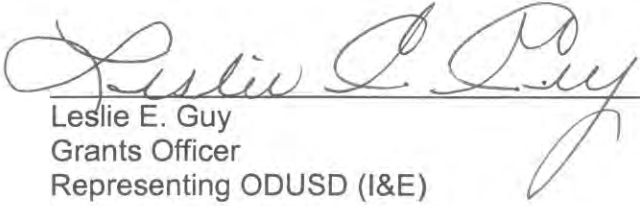


JANE HARDISTY
Acting Deputy Chief for Management

9-20-2012
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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




Leslie E. Guy
Grants Officer
Representing ODUSD (I&E)

3-Oct-12
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: 2012.09.04 12:49:29 -05'00'

4 Sep 2012

~~Deanna Sontag~~ Deanna Sontag
Grants Officer


Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Arizona Board of Regents - The University of Arizona



Lee Anne T. Peters
Contract Officer



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

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.

Neta Fernandez
Director, Office of Grants and Contracts

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Texas State University

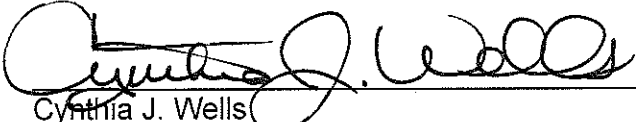
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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


Cynthia J. Wells
Director, Sponsored Programs

9/20/2012
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

~~Richard C. Brusca
Senior Director, Conservation and Science~~

9/6/12

Date

*Debra Colodner
Director of Conservation Education + Science*

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

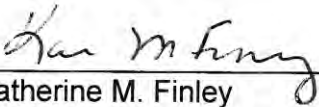
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Patrick J. Graham
State Director

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Organization of American Historians




Katherine M. Finley
Executive Director

9-11-12
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Pima County and Pima County Regional Flood Control District



John M. Bernal
Deputy County Administrator

9/6/12

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Rocky Mountain Bird Observatory

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Tammy VerCauteren
Executive Director

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. University of Texas at Arlington

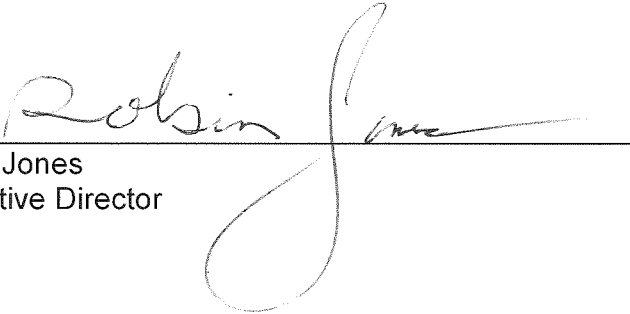
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Ronald L. Elsenbaumer
Vice President for Research and Federal Relations

Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Cornerstones Community Partnership



Robin Jones
Executive Director

Sept 4, 2012
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Rancho Santa Ana Botanic Garden



Digitally signed by Patrick S. Larkin
DN: cn=Patrick S. Larkin, o=Rancho
Santa Ana Botanic Garden, ou,
email=plarkin@sabg.org, c=US
Date: 2012.08.30 15:38:56 -07'00'

Patrick S. Larkin
Executive Director

Date