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
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  Date
State Director

___________________________________ ______________
Tom Bonner   Date
State Procurement Analyst
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
C. U.S. Geological Survey

Sherri Ly Bredeesen
Contracting Officer

Date 07/02/15
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

Date

2/2/15
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

[Signature]
COLIN C. HARDY
ACTING STATION DIRECTOR

Date 2/3/15

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

[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 Date
Deputy Chief for Management
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.1.260353990
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=ROBICHEAUX.TRACI.D.1.260353990
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

Digitally signed by
SONTAG.DEANNDAS.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
 cn=SONTAG.DEANNDAS.1230791909
Date: 2015.02.09 10:30:48 -06'00'

Deannda Sontag
Grants Officer

9 Feb 2015  
Date
J. Arizona Board of Regents - The University of Arizona

[Signature]
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                                Date
Provost and Chief Academic Officer
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. The Regents of New Mexico State University

[Signature]
Alisha A. Giron
Director, Office of Grants and Contracts

[Date]
02/26/2015
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Texas State University

W. Scott Ervin
Director, Sponsored Programs

Date
2/4/15
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Signature]
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 Date
Vice President for Research
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

Kim Franklin  
Conservation Research Scientist

2/3/2015
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Sonoran Institute

[Signature]

Date: 2/8/15

Donald L. Chatfield
Deputy Director, Operations

John Shepard
Senior Adviser
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. The Nature Conservancy

[Signature]
Patrick J. Graham
State Director
David W. Mehman
Director, Migratory Bird Program

3/3/15
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
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Pima County and Pima County Regional Flood Control District

[Signature]

John M. Bernal
Deputy County Administrator

2/25/15
Date
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Rocky Mountain Bird Observatory

[Signature]
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 Date
Vice President for Research and Federal Relations
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont)

X. Cornerstones Community Partnerships

\[Signature\]

Niña Johnson
Executive Director

[2/2/2015]

Date
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Rancho Santa Ana Botanic Garden

Lucinda A. McDade, Ph.D.
Executive Director

Date
25 Feb 2015
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. CyArk

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.

__________________________________________  ______________________
Elizabeth Lee                        Date
Finance and Business Manager
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Western National Parks Association

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__________________________________________ ________
J a m e s  E .  C o o k  Date
Executive Director
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. University of Utah

[Signature]
Brent K. Brown
Director, Office of Sponsored Programs

[Signature]

Date: FEB 02, 2015
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Archaeology Southwest

[Signature]
William H. Doelle
President and CEO

2/11/15
Date
DD. Sky Island Alliance

Sergio Avila
Program Manager

Feb. 3, 2015
Date
ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Northern Arizona University

[Signature]

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

[Date]

1/29/15