

**DESERT SOUTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO TO
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

**DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Bureau of Reclamation
U.S. Geological Survey
National Park Service**

**DEPARTMENT OF AGRICULTURE
U.S. Forest Service
Natural Resources Conservation Service**

**DEPARTMENT OF DEFENSE
Office of Deputy Under Secretary of Defense
(Installations and Environment)**

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
Rocky Mountain Bird Observatory**

Adding:

U.S. Army Corps of Engineers – Civil Works

With the exception of the changes below, all terms and conditions of the Desert Southwest CESU Cooperative and Joint Venture Agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES

A.1. The U.S. Army Corps of Engineers – Civil Works is hereby included in the Desert Southwest CESU as a Federal Agency Partner under agreement # W912HZ-10-2-0003 for a cumulative amount not-to-exceed \$25,000,000.00.

L. The U.S. Army Corp of Engineers – Civil Works (hereinafter called USACE-CW) provides assistance in the development and management in the nation’s water resources. The main missions of USACE-CW, i.e., the Corps, are 1) to facilitate commercial navigation, 2) to protect citizens and their property from flood and storm damages, and 3) to protect and restore environmental resources. The Corps carries out most of its work in partnership with Tribal, state and local governments and other non-federal entities. The Corps must rely upon using the best available science in the evaluation of water resources needs and in the development of recommendations for water resource management. The university and scientific advances will assist the Corps in reaching sound, scientifically based decisions. In accordance with 10 U.S.C. 2358, USACE-CW is authorized to enter into the cooperative agreement with the Desert Southwest CESU enabling the USACE-CW to receive direct scientific support from regional CESU members. USACE-CW is authorized to cooperate with other agencies in accordance with Title 33 U.S.C. 2323a and 10 U.S.C. 3036(d).

ARTICLE III. TERM OF THE AGREEMENT

A.1. The effective date of the Desert Southwest CESU Cooperative and Joint Venture agreement is 07 October 2005.

A.3. 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

A.8. The technical representative for the U.S. Army Corps of Engineers-Civil Works is:

Alfred F. Cofrancesco
Technical Director, Civil Works, Environmental Engineering & Science
Department of the Army
Engineering Research and Development Center
Corps of Engineers
Environmental Laboratory
Waterways Experiment Station, 3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Phone: (601) 634-3182
Fax: (601) 634-3664
Al.F.Cofrancesco@usace.army.mil

Administrative Representatives:

Amanda Irwin Campbell
Contract Specialist, ERDC Contracting Office
U.S. Army Corps of Engineers
Engineer Research and Development Center
3909 Halls Ferry Road
Vicksburg, MS 39180
Phone: (601) 634-3944
Fax: (601) 634-4885
Amanda.I.Campbell@usace.army.mil

Michael G. Lee
Grants Officer
ERDC Contracting Office (ECO)
3909 Halls Ferry Road
Vicksburg, MS 39180-6199
Phone: (601) 634-3903
Fax: (601) 634-4885
Michael.G.Lee@usace.army.mil

ARTICLE V. AWARD

A.1. Upon signature of all parties to this amendment, the U.S. Army Corps of Engineers-Civil Works will commit \$10,000 in funds to the Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this amendment:

DEPARTMENT OF THE INTERIOR

- A. Bureau of Land Management
- B. U.S. Bureau of Reclamation
- C. U.S. Geological Survey
- D. National Park Service

DEPARTMENT OF AGRICULTURE

- E. U.S. Forest Service
- F. Natural Resources Conservation Service

DEPARTMENT OF DEFENSE

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

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

- I. ARIZONA BOARD OF REGENTS THE UNIVERSITY OF ARIZONA (HOST)
- J. Howard University
- K. New Mexico State University
- L. Texas State University
- M. University of California – Riverside
- N. University of Texas at El Paso
- O. Universidad de Sonora
- P. Arizona-Sonora Desert Museum
- Q. Sonoran Institute
- R. The Nature Conservancy
- S. Organization of American Historians
- T. Pima County and Pima County Regional Flood Control District
- U. Rocky Mountain Bird Observatory

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

[Print Name]:
[Print Title]:

Date

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Bureau of Reclamation


Melynda Roberts

[Print Name]: **Melynda Roberts**
[Print Title]: **Grants Officer**

11/10/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

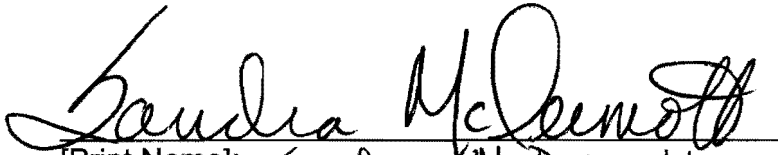


Sherri Ly Bredesen
Contracting Officer

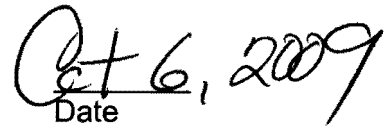
10/06/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

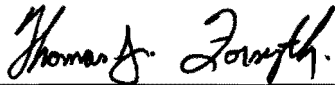
D. National Park Service



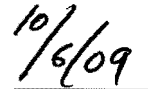
[Print Name]: Sandra McDermott
[Print Title]: Acting ARD Resource Stewardship
and Research, FMR



Date



[Print Name]: Thomas J. Forsyth
[Print Title]: Contracting officer



Date

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S. Forest Service

Gerald J. Gottfried
[Print Name]: GERALD J. GOTTFRIED
[Print Title]: RESEARCH FORESTER

11/13/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

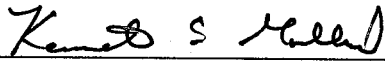


ELORIS D. SPEIGHT
Acting Deputy Chief for Management

11-10-09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



Kenneth E. Goddard
Grants Officer
U.S. Army Engineering & Support Center- Huntsville

10/16/68
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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


Michael G. Lee

[Print Name]: MICHAEL G. LEE
[Print Title]: GRANTS OFFICER

9 OCTOBER 2009
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. Arizona Board of Regents The University of Arizona



[Print Name]: Lee Anne T. Peters
[Print Title]: Contract Officer

10/13/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

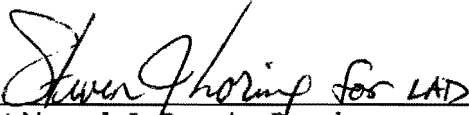
J. Howard University

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)


K. New Mexico State University
Agricultural Experiment Station - ACES



[Print Name]: LeRoy A. Daugherty
[Print Title]: Associate Dean and Director


10/27/09
Date

The Regents of
New Mexico State University
Office of Grants and Contracts



Neta Fernandez
Director

11/5/09
Date



ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Texas State University

Andrew Sanson
ANDREW SANSON, DIRECTOR
RIVER SYSTEMS INSTITUTE

10/12/09
Date

[Print Name]:
[Print Title]:

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. University of California-Riverside

Michael F. Allen

Michael F. Allen

Professor and Director, Center for Conservation Biology

10/14/09

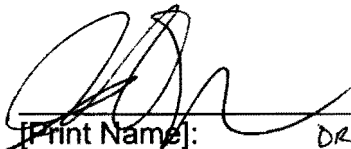
[Print Name]:

Date

[Print Title]:

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Texas at El Paso



[Print Name]:

DR Roberto Ureguena

10-05-09

Date

[Print Title]:

Vice-President, Office of Research and Sponsored Projects
UTEP

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)


O. Universidad de Sonora

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Arizona-Sonora Desert Museum

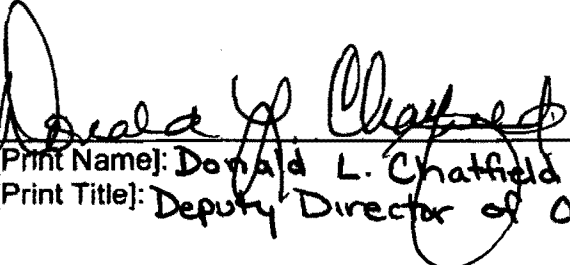


[Print Name]:
[Print Title]: *Richard C. BEUSCA*
Director of Science

10-5-09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Sonoran Institute



[Print Name]: Donald L. Chatfield, Ph.D.
[Print Title]: Deputy Director of Operations

10/08/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

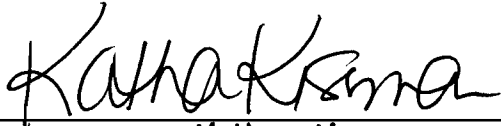
R. The Nature Conservancy

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Organization of American Historians



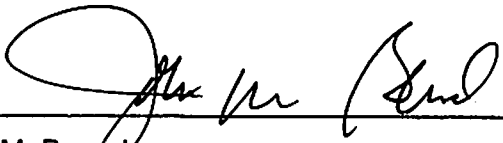
~~Lee Formwalt~~ Katha Kissman

Interim Executive Director

10/12/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Pima County and Pima County Regional Flood Control District



John M. Bernal
Deputy County Administrator - Public Works

10/15/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Rocky Mountain Bird Observatory



[Print Name]: TAMMY VERCHUTEILEN
[Print Title]: EXECUTIVE DIRECTOR

10-30-09
Date