COLORADO PLATEAU
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT SIX TO
COOPERATIVE and JOINT VENTURE AGREEMENT

between

NAVAJO NATION

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

NORTHERN ARIZONA UNIVERSITY (HOST)
  Arizona State University
  Colorado State University
  Diné College
  Fort Lewis College
  Haskell Indian Nations University
  New Mexico State University
  Oregon State University
  University of Arizona
  University of Nevada-Reno
  Utah State University
  The Arboretum at Flagstaff
ARTICLE I. BACKGROUND AND OBJECTIVES

K.5. Dixie State University is hereby included in the Colorado Plateau CESU as a Partner Institution.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Colorado Plateau CESU Cooperative and Joint Venture Agreement is 18 June 2009.

A.3. The effective date of this amendment to the Colorado Plateau CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this amendment.

ARTICLE IV. KEY OFFICIALS

C.27. The technical representative for Dixie State University is:

Erin O’Brien
Dixie State University
Science Building, Room 120
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this amendment:

A. NAVAJO NATION

U.S. DEPARTMENT OF THE INTERIOR
B. Bureau of Land Management
C. U.S. Bureau of Reclamation
D. U.S. Geological Survey
E. National Park Service
F. U.S. Fish and Wildlife Service

DEPARTMENT OF AGRICULTURE
G. USDA Forest Service
H. Natural Resources Conservation Service

DEPARTMENT OF DEFENSE
I. Office of the Deputy Under Secretary of Defense (Installations and Environment)
J. U.S. Army Corps of Engineers – Civil Works

K. NORTHERN ARIZONA UNIVERSITY (HOST)
L. Arizona State University
M. Colorado State University
N. Diné College
O. Fort Lewis College
P. Haskell Indian Nations University
Q. New Mexico State University
R. Oregon State University
S. University of Arizona
T. University of Nevada-Reno
U. Utah State University
V. The Arboretum at Flagstaff
W. Museum of Northern Arizona
X. Colorado Mesa University (formerly Mesa State College)
Y. Southern Utah University
Z. Center for Desert Archaeology
AA. Rocky Mountain Bird Observatory
BB. Weber State University
CC. University of New Mexico
DD. Crow Canyon Archaeological Center
EE. University of Pennsylvania
FF. Prescott College
GG. Institute for Bird Populations
HH. The University of Texas at San Antonio
II. University of Utah
JJ. Utah Valley University
KK. Dixie State University
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Navajo Nation

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.

[Print Name]:                                      Date
[Print Title]:
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. Bureau of Land Management

[Signature]
Maria Gochis
Grants Management Officer

1-30-13
Date
C. U.S. Bureau of Reclamation

Janice Richardson
Grants Officer

7/11/13
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey

[Signature]
Sherri Ly Bredesen
Contracting Officer

07/11/13
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. National Park Service

Kelvin Delaney  
Contracting Officer  

[Signature]  
7/15/13  
Date

Tammy Whittington  
Associate Regional Director, Resources  

[Signature]  
7/18/13  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. 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.

Greg Watson  
Chief, Office of Landscape Conservation  

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service

[Signature]

Allison Hill  
Program Manager, Rocky Mountain Research Station  

[Signature]

Date

The authority and format of this instrument has been reviewed and approved for signature.

[Signature]

Grants & Agreement Specialist  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. 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 XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

\[\begin{align*}
\text{Derek Gadberry} \\
\text{Grants Officer (Representing ODUSD (I&E))}
\end{align*}\]

Date: 9-11-13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Digitally signed by
SONTAG.DEANNDA.S.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SONTAG.DEANNDA.S.1230791909
Date: 2013.07.12 12:46:44 -05'00'

Deannda Sontag
Grants Officer

12 July 2013
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Northern Arizona University

Wilma G. Ennenga  
Director, Grant and Contract Services

8/21/2013
L. Arizona State University

[Signature]

Rob Melnick
Executive Dean, Global Institute of Sustainability/School of Sustainability

Date: 7/10/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Colorado State University

[Signature]

David B. Doty
Associate Director, Office of Sponsored Programs
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Diné College

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.

[Print Name]:
[Print Title]:

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Fort Lewis College

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.

Barbara Jean Morris  
Provost, Vice President for Academic Affairs  

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Haskell Indian Nations 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.

[Print Name]: [Print Title]:

Date
Q. 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.

Steven J. Loring
Associate Director, AES

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Oregon 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.

_____________________________  __________
Lin Reilly                      Date
Senior Grant and Contract Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Arizona

[Signature]
Lee Anne T. Peters
Contract Officer

Date
7/10/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Nevada-Reno

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.

Charlene Hart, MBA, CPA
Director, Sponsored Projects

______________________________       ____________
Charlene Hart, MBA, CPA       Date
Director, Sponsored Projects
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Utah 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.

__________________________________________   ________
Kevin Peterson         Date
Director, Sponsored Programs
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. The Arboretum at Flagstaff

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.

_____________________________   ____________________
Kristen E. Haskins         Date
Director of Research
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Museum of Northern Arizona

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.

__________________________________________   ____________
Robert Breunig        Date
Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Colorado Mesa University (formerly Mesa State College)

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.

__________________________  __________________
Tim Foster                        Date
President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Southern Utah 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.

[Print Name]:                                      Date
[Print Title]:


ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Archaeology Southwest (formerly Center for Desert Archaeology)

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        Date
President and CEO
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Rocky Mountain Bird Observatory

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.

________________________________________________________________________   ______
Tammy VanCauteren       Date
Executive Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. Weber 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.

Chris Millard
Director, Office of Sponsored Projects

__________________________________________   ________

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. University of New Mexico

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.

[Print Name]:
[Print Title]:

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Crow Canyon Archaeological Center

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.

Mark D. Varien  Date
Research and Education Chair
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. University of Pennsylvania

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. Stuart Watson                Date
Associate Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. Prescott College

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.

__________________________________________   ________
Catherine J. Bolland       Date
Vice President for Finance
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Institute for Bird Populations

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.

__________________________________________   ________
Rodney Siegel        Date
Executive Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. The University of Texas at San Antonio

Can (John) Saygin, Ph.D.
Interim Assistant Vice President for Sponsored Project Administration

7/23/2013 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. University of Utah

Brent K. Brown
Director, Office of Sponsored Programs

[Signature]

[Date: 13 July 13]
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. Utah Valley 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. Brian Birch                                      Date
Associate Vice President - Engaged Learning
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Dixie State University

[print name]
曹 C. Morris
[print title]
Vice President for Administrative Services

[Signature]
7/1/2013
Date