CALIFORNIAN
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT FIVE TO
COOPERATIVE and JOINT VENTURE AGREEMENT

between

U.S. DEPARTMENT OF THE INTERIOR
Bureau of Land Management
Bureau of Reclamation
U.S. Fish and Wildlife Service
U.S. Geological Survey
National Park Service
Bureau of Ocean Energy Management

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

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

and

UNIVERSITY OF CALIFORNIA (HOST)
(UC-Berkeley, UC-Davis, UC-Irvine, UC-Los Angeles, UC-Merced,
UC-Riverside, UC-San Diego, UC-Santa Barbara, UC-Santa Cruz)
San Francisco State University
California State University, Fresno
California State University, Los Angeles
Cal Poly Corporation, California Polytechnic State University
CSU, Chico Research Foundation, California State University, Chico
Humboldt State University
California State University, Northridge
California State University, Stanislaus
California Department of Fish and Game
With the exception of the changes below, all terms and conditions of the Californian Cooperative Ecosystem Studies Unit (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

M.4. The Santa Barbara Botanic Garden is hereby included in the Californian CESU as a Partner Institution.

ARTICLE III. TERM OF THE AGREEMENT

A.1. The effective date of the Californian CESU Cooperative and Joint Venture Agreement is 01 July 2008.

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

ARTICLE IV. KEY OFFICIALS

C.14. The technical representative for the Santa Barbara Botanic Garden is:

Dr. Steve Windhager  
Santa Barbara Botanic Garden  
1212 Mission Canyon Road  
Santa Barbara, CA 93105  
Phone: (805) 682-4726 x123  
Fax: (805) 682-6953  
swindhager@sbbg.org

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this Amendment:
U.S. DEPARTMENT OF THE INTERIOR
A. Bureau of Land Management
B. Bureau of Reclamation
C. U.S. Fish and Wildlife Service
D. U.S. Geological Survey
E. National Park Service
F. Bureau of Ocean Energy Management

U.S. DEPARTMENT OF AGRICULTURE
G. U.S. Forest Service
H. Natural Resources Conservation Service

I. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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

U.S. DEPARTMENT OF COMMERCE
L. National Oceanic and Atmospheric Administration

M. UNIVERSITY OF CALIFORNIA (HOST)
N. San Francisco State University
O. California State University, Fresno
P. California State University, Los Angeles
Q. Cal Poly Corporation, California Polytechnic State University
R. CSU, Chico Research Foundation, California State University, Chico
S. Humboldt State University
T. California State University, Northridge
U. California State University, Stanislaus
V. California Department of Fish and Game
W. California State University, Channel Islands
X. The Institute for Bird Populations
Y. San Diego State University
Z. Institute for Wildlife Studies
AA. Santa Barbara Botanic Garden
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Angie Lars
James G. Kenna
State Director

3/15/12
Date

Traci D. Thaler
Assistance Officer

3/16/2012
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. Bureau of Reclamation

Bryant Lyndaker
Financial Assistance Branch Chief

3-2-2012
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Fish and Wildlife Service

[Signature]

Date: 3-16-2012

[Print Name]: Alexandra Pitts
[Print Title]: Deputy Regional Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey

[Signature]
Sherri Ly Bredesen
Contracting Officer

[Signature]
Date
03/05/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. National Park Service

Jamie V. Sherrill  
Contracts/Agreements Team Leader  
3/12/2012  
Date

Christine S. Lehnertz  
Regional Director  
Pacific West Region  
3/15/12  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Bureau of Ocean Energy Management

[Signature]

[Print Name]: Rodney Cluck
[Print Title]: Chief, Environmental Science Division

[Date]: 3/2/2012
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service

ALEXANDER L. FRIEND
Acting Station Director

3/21/2014
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service

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

__________________________________________ ________
Eloris D. Speight Date
Deputy Chief for Management
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. National Aeronautics and Space Administration

Olga M. Dominguez  
Assistant Administrator for Strategic Infrastructure  

3/30/12  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

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

Date: 24 March 2012
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Deannda Sontag
Grants Officer

Digitally signed by
SONTAG.DEANNDAS.1230791909
DN: c=US, a=U.S. Government, ou=DoD, ou=PKI, ou=USA,
cn=SONTAG.DEANNDAS.1230791909
Date: 2012.03.15 08:54:17 -05'00'

15 Mar 2012
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. National Oceanic and Atmospheric Administration

[Print Name]:  Francisco Werner
[Print Title]:  Director, SWFSC
                (NOAA, NMFS)

15 MAR 2012
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. UNIVERSITY OF CALIFORNIA (HOST), systemwide authorization

[Signature]

[Print Name]: Lourdes G. DeMattos
[Print Title]: Contract and Grant Officer

3-7-12

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. San Francisco State University

[Signature]

[Print Name]: Alison Sanders
[Print Title]: Director, ORSP

Date: 3/28/12
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. California State University, Fresno

[Print Name]: Thomas McClanahan
[Print Title]: Associate Vice President, ORSP

Date: 3/2/12
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. California State University, Los Angeles

Per Article III, C: If a Partner 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.)

Q. Cal Poly Corporation, California Polytechnic State University

[Signature]

[Print Name]: Melissa Mullen
[Print Title]: Sponsored Programs Manager

3/16/2012
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. CSU, Chico Research Foundation, California State University, Chico

E. K. Park  
Vice Provost for Research

8/18/12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Humboldt State University

[Print Name]:
[Print Title]:

Date: 3-27-10

DEAN College of Natural Resources & Sciences
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. California State University, Northridge

Per Article III, C: If a Partner 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.)

U. California State University, Stanislaus

Per Article III, C: If a Partner 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.)

V. California Department of Fish and Game

[Signature]

Charlton H. Bonham
Director

3/14/12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. California State University, Channel Islands

[Print Name]: Ysabel Trinidad  [Print Title]: Vice President, Finance and Administration

Date: March 29, 2012
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. The Institute for Bird Populations

[Print Name]: Rodney Siegel
[Print Title]: Executive Director

3-2-12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. San Diego State University

[Print Name]: Rebecca Lewis
[Print Title]: Associate Professor, Biology

3/13/12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Institute for Wildlife Studies

[Print Name]: David Garcelon
[Print Title]: President

3/3/12 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Santa Barbara Botanic Garden

[Signature]
Steve Windhager, Ph.D.
Executive Director

2-29-2012
Date