

**CALIFORNIAN
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

between

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

**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 Wildlife (formerly CA Dept. of Fish and Game)
California State University, Channel Islands
The Institute for Bird Populations
San Diego State University Research Foundation
Institute for Wildlife Studies
Santa Barbara Botanic Garden
California Invasive Plant Council
University Corporation at Monterey Bay (CSU, Monterey Bay)
Occidental College
Zoological Society of San Diego d/b/a San Diego Zoo Global
California State University, Sacramento (Sacramento State)
San Bernardino County Museum
San Diego Natural History Museum**

Adding:

Carnegie Mellon University

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

P.3. Carnegie Mellon University 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 2013.

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.22. The technical representative for the Carnegie Mellon University is:

Bob Iannucci, Ph.D.
Associate Dean, Carnegie Mellon University - Engineering
Director, Carnegie Mellon University – Silicon Valley campus
NASA Research Park
Building 23 (MS 23-11)
P. O. Box 1
Moffett Field, CA 94035
Phone: (650) 714-1200
bob@sv.cmu.edu

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 Ocean Energy Management
- C. Bureau of Reclamation
- D. National Park Service
- E. U.S. Fish and Wildlife Service
- F. U.S. Geological Survey

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 Wildlife
- W. California State University, Channel Islands
- X. The Institute for Bird Populations
- Y. San Diego State University Research Foundation
- Z. Institute for Wildlife Studies
- AA. Santa Barbara Botanic Garden
- BB. California Invasive Plant Council
- CC. University Corporation at Monterey Bay (California State University, Monterey Bay)
- DD. Occidental College
- EE. Zoological Society of San Diego d/b/a San Diego Zoo Global
- FF. California State University, Sacramento (Sacramento State)
- GG. San Bernardino County Museum
- HH. San Diego Natural History Museum
- II. Carnegie Mellon University**

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management


James G. Kenna
State Director

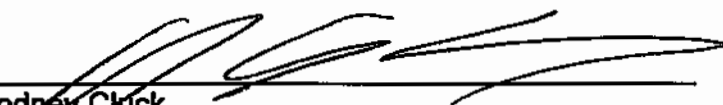
12/22/2014
Date


Leona B. Parker
California Grants & Agreements Officer
(BLM - L13AC00082)

12/22/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. Bureau of Ocean Energy Management



Rodney Cluck
Chief, Environmental Science Division

1/5/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

C. Bureau of Reclamation



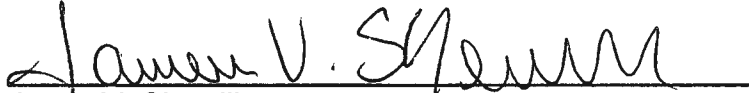
Brenda Davis
Deputy Manager of Acquisition Services



Date


ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. National Park Service



Jamie V. Sherrill
Contracting Officer

1/16/2015
Date



Christine S. Lehnertz
Regional Director
Pacific West Region

01-16-15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. U.S. Fish and Wildlife Service

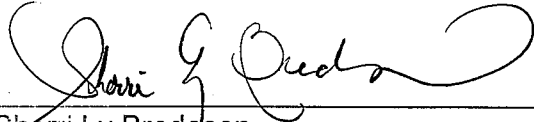
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Alexandra Pitts
Deputy Regional Director

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. U.S. Geological Survey

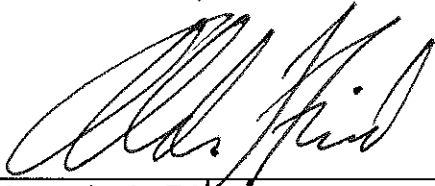


Sherri Ly Bredesen
Contracting Officer

01/07/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service, Pacific Southwest Research Station

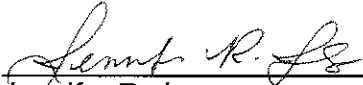


Alexander L. Friend
Station Director

21 JAN 15

Date

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



Jennifer R. Jones
Grants and Agreements Specialist
Pacific Southwest Research Station

12/30/14

Date

ARTICLE XIV. 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 N. Barry
Deputy Chief for Management

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

I. National Aeronautics and Space Administration

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.

Olga M. Dominguez
Assistant Administrator for Strategic Architecture

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

**ROBICHEAUX.TRACI.D.1260
353990**

Digitally signed by ROBICHEAUX.TRACI.D.1260353990
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990
Date: 2015.02.02 14:12:10 -06'00'

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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



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SONTAG.DEANNDAS.1230791909
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=SONTAG.DEANNDAS.1230791909
Date: 2014.12.30 12:21:06 -06'00'

Deanna Sontag
Grants Officer

30 Dec 2014

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

L. National Oceanic and Atmospheric Administration

A handwritten signature in black ink, appearing to read "Richard Merrick", written over a horizontal line.

Richard Merrick
Director of Scientific Programs & Chief Science Advisor

12/28/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

M. UNIVERSITY OF CALIFORNIA (HOST), systemwide authorization



Lourdes G. DeMattos
Contract and Grant Officer

1-30-2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. San Francisco 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.

Janet Framiglio
OSRP Contract Coordinator, Procurement

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

O. California State University, Fresno


Ellen Shindler for
Thomas McClanahan
Associate Vice President, ORSP

30 Jan 2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. California State University, Los Angeles



Philip S. LaPolt, Ph.D.
Associate Vice President for Research and Academic Personnel

1/20/15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. Cal Poly Corporation, California Polytechnic State University

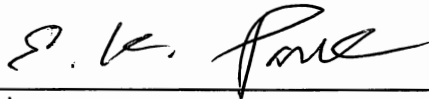


Melissa Mullen
Sponsored Programs Manager

12-22-14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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



E.K. Park
Vice Provost for Research

1/21/15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. Humboldt State University

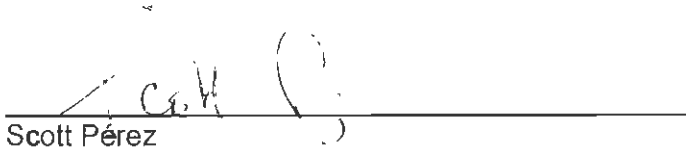


Steve Karp
Director, Sponsored Programs Foundation

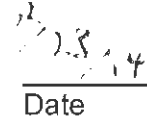
1/5/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. California State University, Northridge



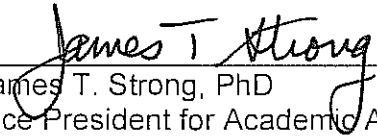
Scott Pérez
Director, Research and Sponsored Projects



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. California State University, Stanislaus



James T. Strong, PhD
Vice President for Academic Affairs/Provost

1-20-15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

V. California Department of Fish and Wildlife

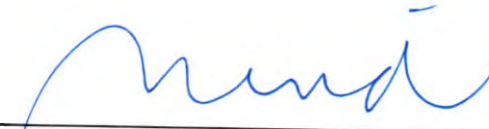
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Charlton H. Bonham
Director

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. California State University, Channel Islands



Ysabel Trinidad
Vice President Finance and Administration

1/23/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

X. The Institute for Bird Populations



Rodney Siegel
Executive Director

12/22/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Y. San Diego State University Research Foundation

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.

Sandra M. Nordahl, CRA
Director, Sponsored Research Contracting and Compliance

date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Z. Institute for Wildlife Studies



David Garcelon
President

12/21/14

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AA. Santa Barbara Botanic Garden



Steve Windhager, Ph.D.
Executive Director

12/23/2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BB. California Invasive Plant Council

A handwritten signature in blue ink that reads "Doug Johnson". The signature is written in a cursive style and is positioned above a horizontal line.

Doug Johnson
Executive Director

12/22/14

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

CC. University Corporation at Monterey Bay (California State University, Monterey Bay)

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.

Cynthia E. Lopez
Director of Sponsored Programs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Occidental College

A handwritten signature in black ink, appearing to read "J. G. Gonzalez", written over a horizontal line.

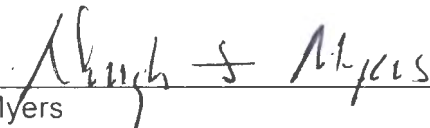
Jorge G. Gonzalez
Dean and Vice President of Academic Affairs

1/8/15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. Zoological Society of San Diego d/b/a San Diego Zoo Global



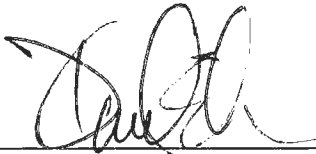
Douglas G. Myers
President/CEO

12-24-14
Date

ZSSD LEGAL REVIEW	
<u>PSR/ub</u>	<u>12/23/14</u>
INITIALS	DATE

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

FF. California State University, Sacramento (Sacramento State)



David Earwicker
Assistant Vice President, Office of Research Administration

12/20/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG.San Bernardino County Museum

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 McKernan
Museum Director

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

HH. San Diego Natural History Museum

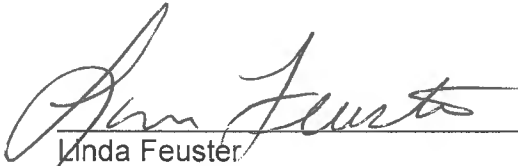
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Michael A. Wall
Vice President of RaPP

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

II. Carnegie Mellon University



Linda Feuster
Interim Director
Office of Sponsored Programs

12/18/14
Date