

**CALIFORNIAN
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FOUR 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
Carnegie Mellon University**

Adding:

**CSU Fullerton Auxiliary Services Corporation
(on behalf of California State University, Fullerton)
Cal Poly Pomona Foundation, Inc.
(on behalf of California State Polytechnic University, Pomona)**

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.4. CSU Fullerton Auxiliary Services Corporation (on behalf of California State University, Fullerton), and Cal Poly Pomona Foundation, Inc. are 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.23. The representative for the California State University, Fullerton are:

Technical:
Jennifer Burnaford
Department of Biological Science
College of Natural Sciences and Mathematics
California State University, Fullerton
800 North State College Boulevard, MH282
Fullerton, CA 92834-9480
Phone: (657) 278-2382
jburnaford@fullerton.edu

Administrative:
Denise Bell
Office of Sponsored Programs
CSU Fullerton Auxiliary Services Corporation
2600 Nutwood Avenue, Suite 250
Fullerton, CA 92831-3137
Phone: (657) 278-4110
dbell@fullerton.edu

C.24. The technical representative for the Cal Poly Pomona Foundation, Inc. is:

Jayson Smith
Assistant Professor, Biological Sciences
3801 West Temple Avenue
Pomona, CA 91768
Phone: (909) 869-3625
jaysonsmith@csupomona.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
- JJ. CSU Fullerton Auxiliary Services Corporation**
- KK. Cal Poly Pomona Foundation, Inc.**

LL. ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management


James G. Kenra
State Director

5/5/2015
Date


Leona B. Parker
California Grants & Agreements Specialist

5/5/2015
Date

BLM #
L13AC00082

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. Bureau of Ocean Energy Management



Rodney Cluck
Chief, Environmental Science Division

3/31/2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

C. Bureau of Reclamation



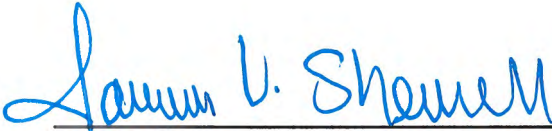
Brenda Davis
~~Deputy~~ Manager of Acquisition Services

3/30/2015

Date


ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. National Park Service



Jamie V. Sherrill
Contracting Officer

3/31/2015
Date

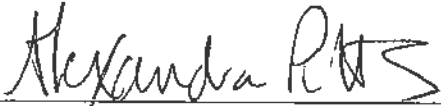


Christine S. Lehnertz
Regional Director
Pacific West Region

03.31.2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. U.S. Fish and Wildlife Service



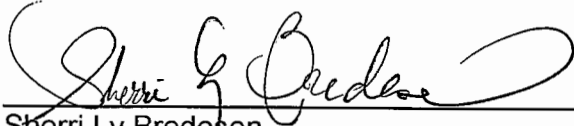
Alexandra Pitts
Deputy Regional Director

5-8-15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. U.S. Geological Survey



Sherri Ly Bredezen
Contracting Officer



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest 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.

Alexander L. Friend
Station Director

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

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service



Gayle N. Barry
Deputy Chief for Management *Altman for*

4/24/15

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**

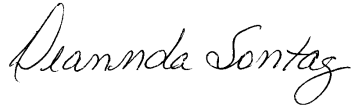
Digitally signed by ROBICHEAUX.TRACI.D.1260353990
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ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990
Date: 2015.04.28 09:42:07 -05'00'

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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



SONTAG.DEANNDAS.1230791909
c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=SONTAG.DEANNDAS.1230791909
2015.04.03 13:05:36 -05'00'

Deanna Sontag
Grants Officer

3 Apr 2015
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

3/30/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

M. UNIVERSITY OF CALIFORNIA (HOST), systemwide authorization

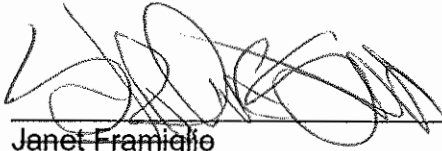


Lourdes G. DeMattos
Contract and Grant Officer

5/13/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. San Francisco State University




Janet Framiglio
~~OSRP Contract Coordinator, Procurement~~

3/30/15
Date

Stephen C. Smith
Director of Procurement

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

O. California State University, Fresno



Thomas McClanahan
Associate Vice President, ORSP

5/12/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. California State University, Los Angeles

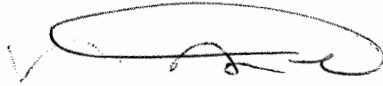


Philip S. LaPolt, Ph.D.
Associate Vice President for Research and Academic Personnel

4/7/2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. Cal Poly Corporation, California Polytechnic State University

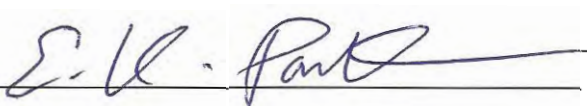


Melissa Mullen
Sponsored Programs Manager

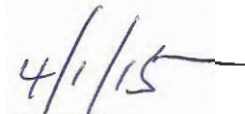
4-8-15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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



E.K. Park
Vice Provost for Research



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. Humboldt State University



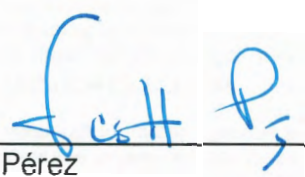
Steve Karp
Director, Sponsored Programs Foundation

4/2/15


Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. California State University, Northridge



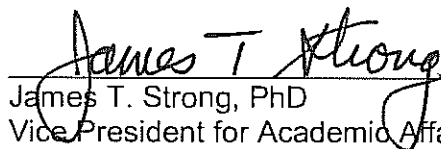
Scott Pérez
Director, Research and Sponsored Projects



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. California State University, Stanislaus


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

4-6-15
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

4/27/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

X. The 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
Executive Director

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Y. San Diego State University Research Foundation

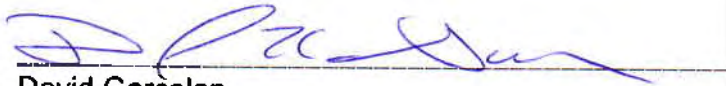
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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

date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Z. Institute for Wildlife Studies



David Garcelon
President

4/7/15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AA. Santa Barbara Botanic Garden



Steve Windhager, Ph.D.
Executive Director

3/30/2015

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 centered on a light yellow rectangular background.

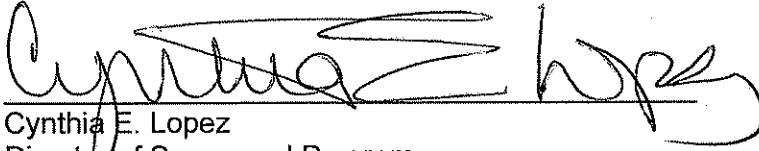
5/11/2015

Doug Johnson
Executive Director

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

A handwritten signature in black ink, appearing to read 'Cynthia E. Lopez', written over a horizontal line.

Cynthia E. Lopez
Director of Sponsored Programs

3/30/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Occidental College

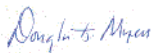
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Jorge G. Gonzalez
Dean and Vice President of Academic Affairs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

DocuSigned by:

B3E0F8C2539043C...

Douglas G. Myers
President/CEO

4/30/2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

FF. California State University, Sacramento (Sacramento State)



David Earwicker
Assistant Vice President, Office of Research Administration

4/2/15
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

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

Michael A. Wall
Vice President of RaPP

2-APR-2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

II. Carnegie Mellon University



Linda Feuster
Interim Director, Office of Sponsored Programs

4/13/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

JJ. CSU Fullerton Auxiliary Services Corporation (on behalf of California State University, Fullerton)



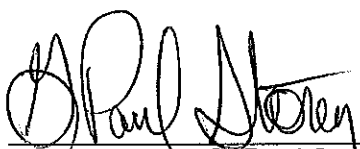
for

[Print Name]: FRANK A. MUMFORD
[Print Title]: Executive Director

19 MAR 15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

KK. Cal Poly Pomona Foundation, Inc. (on behalf of California State Polytechnic University, Pomona)



[Print Name]: G. Paul Storey
[Print Title]: Executive Director

3/25/15
Date