

**CALIFORNIAN  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO 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)**

**Adding:**

**San Bernardino County Museum  
San Diego Natural History Museum**

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.2. San Bernardino County Museum and San Diego Natural History Museum are hereby included in the Californian CESU as a Partner Institutions.

## **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.20. The technical representatives for the San Bernardino County Museum are:

Robert McKernan  
Museums Director  
San Bernardino County Museum  
2024 Orange Tree Lane  
Redlands, CA 92374  
Phone: (909) 798-8601  
Fax: (909) 307-0539  
rmckernan@sbcm.sbcounty.gov

Kathleen Springer  
Senior Curator, Geological Sciences  
San Bernardino County Museum  
2024 Orange Tree Lane  
Redlands, CA 92374  
Phone: (909) 798-8615  
Fax: (909) 307-0539  
kspringer@sbcm.sbcounty.gov

C.21. The technical representative for the San Diego Natural History Museum is:

Kevin Clark, M.S., Ecologist  
San Diego Natural History Museum  
1788 El Prado  
San Diego, CA 92037  
Phone: (619) 255-0296  
Fax: (619) 255-0344  
kclark@sdnhm.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 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**

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

**A. Bureau of Land Management**

  
\_\_\_\_\_  
James G. Kenna  
State Director

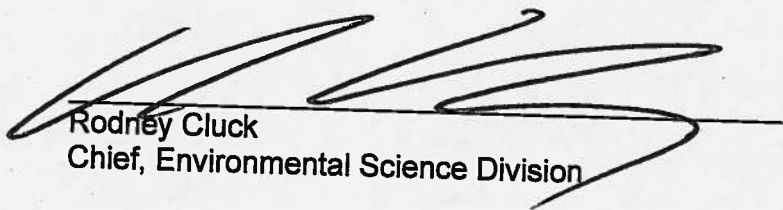
  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Leona B. Parker  
Grants Management Officer

February 18, 2014  
\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

B. Bureau of Ocean Energy Management



Rodney Cluck  
Chief, Environmental Science Division

1/10/14  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

C. Bureau of Reclamation

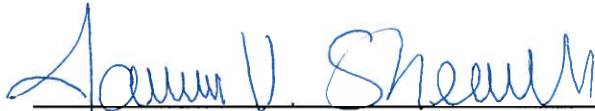
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Brenda Davis  
Deputy Manager of Acquisition Services


\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

D. National Park Service

  
\_\_\_\_\_  
Jamie V. Sherrill  
Contracting Officer

1/8/2014  
Date


  
\_\_\_\_\_  
Christine S. Lehnertz  
Regional Director  
Pacific West Region

01/08/2014  
Date



**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

E. U.S. Fish and Wildlife Service

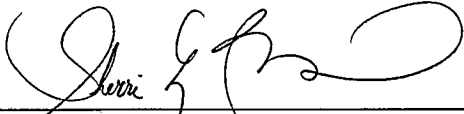


Alexandra Pitts  
Deputy Regional Director

1.14.2014  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

F. U.S. Geological Survey

  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

01/13/14  
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  
Acting Station Director

\_\_\_\_\_  
Date

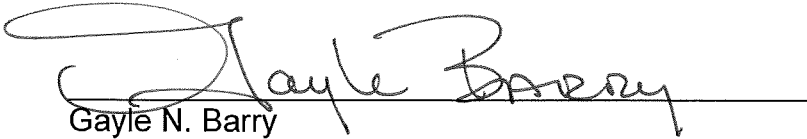
The authority and format of this instrument has been reviewed and approved for signature.

\_\_\_\_\_  
Brian Hanlon  
Grants and Agreements Specialist  
Pacific Research Station

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

H. Natural Resources Conservation Service

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

Gayle N. Barry  
Deputy Chief for Management

2/7/2014  
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.TRA**  
**CI.D.1260353990**

Digitally signed by  
ROBICHEAUX.TRA.CI.D.1260353990  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=ROBICHEAUX.TRA.CI.D.1260353990  
Date: 2014.01.08 11:13:51 -06'00'

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Traci Robicheaux  
Grants Officer  
Representing ODUSD (I&E)

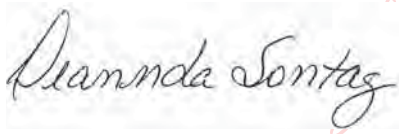
8 Jan 2014  

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Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

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



Digitally signed by  
SONTAG.DEANNDAS.1230791909  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=SONTAG.DEANNDAS.1230791909  
Date: 2014.01.08 14:55:22 -06'00'

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Deanna Sontag  
Grants Officer

8 Jan 2014

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Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

L. National Oceanic and Atmospheric 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.

\_\_\_\_\_  
Richard Merrick  
Director of Scientific Programs & Chief Science Advisor

\_\_\_\_\_  
Date



**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

M. UNIVERSITY OF CALIFORNIA (HOST), systemwide authorization

  
\_\_\_\_\_  
Lourdes G. DeMattos  
Contract and Grant Officer

1/8/14  
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

  
\_\_\_\_\_  
Thomas McClanahan  
Associate Vice President, ORSP

1/30/14  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

P. California State University, Los Angeles

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.

\_\_\_\_\_  
Lawrence Fritz  
Dean, Graduate Studies and Research

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

Q. Cal Poly Corporation, California Polytechnic 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.

\_\_\_\_\_  
Melissa Mullen  
Sponsored Programs Manager

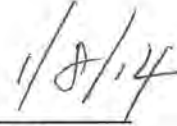
\_\_\_\_\_  
Date

**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

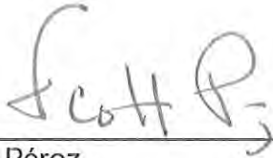
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Steve Karp  
Director, Sponsored Programs Foundation

\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. California State University, Northridge



\_\_\_\_\_  
Scott Pérez  
Director, Research and Sponsored Projects

1/13/14  
\_\_\_\_\_  
Date



**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

U. California State University, Stanislaus

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.

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

\_\_\_\_\_  
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



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Ysabel Trinidad  
Vice President Finance and Administration

1/31/14  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

X. The Institute for Bird Populations



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Rodney Siegel  
Executive Director

1-10-13

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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



Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

AA. Santa Barbara Botanic Garden

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.

\_\_\_\_\_  
Steve Windhager, Ph.D.  
Executive Director

\_\_\_\_\_  
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 within a light green rectangular background.

Jan. 29, 2014

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Doug Johnson  
Executive Director

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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

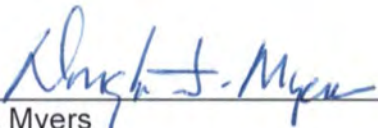


\_\_\_\_\_  
Jorge G. Gonzalez  
Dean and Vice President of Academic Affairs

11/9/14  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

  
\_\_\_\_\_  
Douglas G. Myers  
President/CEO

\_\_\_\_\_  
Date

ZSSD	
LEGAL REVIEW	
<i>DRW</i>	<i>1/15/14</i>
INITIALS	DATE

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

FF. California State University, Sacramento (Sacramento State)




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David Earwicker  
Assistant Vice President, Office of Research Administration

15 Jan 2014  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG. San Bernardino County Museum

  
\_\_\_\_\_  
Robert L. McKernan  
Museum Director

30 December 2013  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

HH. San Diego Natural History Museum



[Print Name]: Michael A. Wall  
[Print Title]: Vice President of RaPP

12/17/13  
Date