

**HAWAII – PACIFIC ISLANDS
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

Between

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

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

and

**UNIVERSITY OF HAWAII (HOST)
(UH-Manoa, UH-Hilo, UH-West Oahu, Hawaii Community College,
Honolulu Community College, Kapiolani Community College,
Kauai Community College, Leeward Community College,
Maui Community College, Windward Community College)**

**University of California - Berkeley
University of Guam
American Samoa Community College
Bishop Museum
National Tropical Botanical Garden
The Nature Conservancy
Pacific International Center for High Technology Research
University of Redlands**

**Adding:
Bureau of Ocean Energy Management**

With the exception of the changes below, all terms and conditions of the Hawaii – Pacific Islands 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

- A.3. Bureau of Ocean Energy Management is hereby included in the Hawaii – Pacific Islands CESU as a Federal Agency Partner.
- N. The Bureau of Ocean Energy Management (BOEM) oversees the exploration and development of oil, natural gas and other minerals and renewable energy alternatives on the Nation's outer continental shelf. BOEM continues to look for better ways to serve the American people and to ensure that the Nation receives the best value for its resources now and into the future. The program not only supports decisions made within the Department of the Interior, but also provides other Federal regulators, and the coastal states, and local governments with the information necessary to ensure that all stages of offshore energy and mineral activities are conducted in a manner to protect both the human and natural environments. Outer Continental Shelf Lands Act (OCSLA) (43 USC 1331-1356) Section 1346 mandates the conduct of environmental and socioeconomic studies needed for the assessment and management of environmental impacts on the human, marine, and coastal environments which may be affected by oil and gas, renewable energy or mineral development. OCSLA Section 1345 authorizes the use of cooperative agreements with affected States to meet the requirements of OCSLA, including sharing of information, joint utilization of available expertise, formation of joint monitoring arrangements to carry out applicable Federal and State laws, regulations, and stipulations relevant to outer continental shelf operations both onshore and offshore. BOEM can enter into cooperative agreements with State offices, and public colleges and universities within the affected states.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the Hawaii – Pacific Islands CESU Cooperative and Joint Venture Agreement is 01 July 2009.
- A.2. The effective date of this amendment to the Hawaii – Pacific Islands CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this Amendment.

ARTICLE IV. KEY OFFICIALS

A.10. The technical representative for the Bureau of Ocean Energy Management is:

Mary Elaine Helix
Bureau of Ocean Energy Management
c/o DOI Office of the Secretary, Environmental Policy and Compliance
333 Bush Street Suite 515
San Francisco, CA 94104
Phone: (415) 296.3353
MaryElaine.Helix@boem.gov

ARTICLE V. AWARD

A.4. Upon signature of all parties to this amendment, the Bureau of Ocean Energy Management will commit \$10,000 in funds to the Hawaii – Pacific Islands CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.

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

U.S. DEPARTMENT OF AGRICULTURE

- F. U.S. Forest Service
- G. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

- H. Office of the Deputy Under Secretary of Defense (Installations and Environment)
U.S. Army Engineer and Support Center, Huntsville (Representing ODUSD)
- I. U.S. Army Corps of Engineers – Civil Works

U.S. DEPARTMENT OF COMMERCE

- J. National Oceanic and Atmospheric Administration

K. UNIVERSITY OF HAWAII

- L. University of California - Berkeley

- M. University of Guam
- N. American Samoa Community College
- O. Bishop Museum
- P. National Tropical Botanical Garden
- Q. The Nature Conservancy
- R. Pacific International Center for High Technology Research
- S. University of Redlands

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

for Angie Gaus
James G. Kenna
State Director

7/20/12
Date

Traci D. Thaler
Traci D. Thaler
Assistance Officer
BLM FA# L09AC15662
Amend 2

7/24/2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

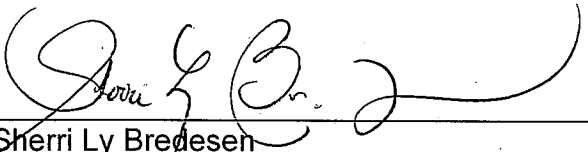
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Alexandra Pitts
Deputy Regional Director

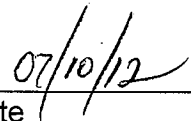
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service



Jamie V. Sherrill
Contracts/Agreements Team Leader

8/21/2012

Date



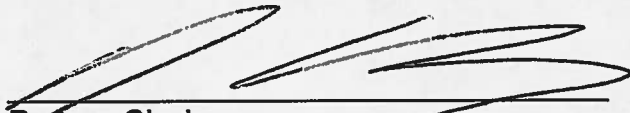
Christine S. Lehnertz
Regional Director
Pacific West Region

08/22/2012

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Bureau of Ocean Energy Management



Rodney Cluck
Chief, Environmental Science Division

7/9/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

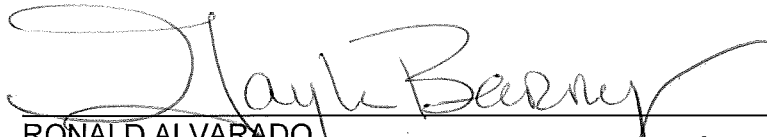
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Alexander Friend
Acting Station Director
Pacific Southwest Research Station

Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service



RONALD ALVARADO
Acting Deputy Chief for Management

Acting for


Date 8/9/12

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



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



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. 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: 2012.07.17 07:16:16 -05'00'

17 July 2012

Deanna Sontag
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. National Oceanic and Atmospheric Administration

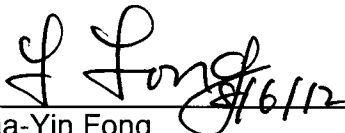
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Gary Reisner
Director, Office of Management and Budget
NOAA Fisheries Service

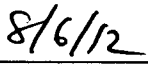
Date _____

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. UNIVERSITY OF HAWAII



Yaa-Yin Fong
Director, Office of Research Services



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. University of California - Berkeley

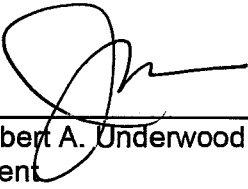
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Patricia A. Gates
Associate Director
Sponsored Projects Office

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

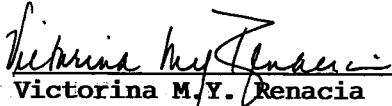
M. University of Guam



Dr. Robert A. Underwood
President

July 27, 2012

Date



Victorina M.Y. Renacia
Legal Counsel

7/31/12

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. American Samoa Community College

for Jon Vargo
Dr. Daniel Aga
CNR Dean & Director

7/9/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Bishop Museum

No signature received from this partner

Alan Allison
Vice President, Science

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. National Tropical Botanical Garden

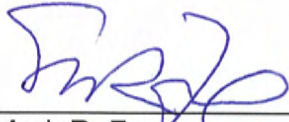
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Janet L. Mayfield
Chief Operating Officer and Chief Financial Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. The Nature Conservancy



Mark R. Fox
Director of External Affairs

7/11/12

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Pacific International Center for High Technology Research



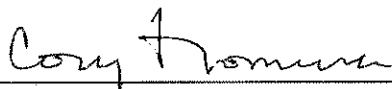
Janel Pang
Chief Financial Officer & Contracts Officer

JUL 10 2012

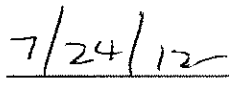
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ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Redlands



Cory Nomura
Chief Financial Officer



Date