

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

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

**between**

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

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

**DEPARTMENT OF DEFENSE  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)**

**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:**

**U.S. Army Corps of Engineers – Civil Works  
National Oceanic and Atmospheric Administration**

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.1. The U.S. Army Corps of Engineers – Civil Works is hereby included in the Hawaii – Pacific Islands CESU as a Federal Agency Partner under agreement # W912HZ-10-2-0007 for a cumulative amount not-to-exceed \$25,000,000.00.

A.2. The National Oceanic and Atmospheric Administration is hereby included in the Hawaii – Pacific Islands CESU as a Federal Agency Partner.

H.1. The following revisions are hereby included in the Agreement as background information for the Natural Resources Conservation Service: Under 16 USC 590a-f, the Natural Resources Conservation Service is authorized to enter into this cooperative agreement continuing the Pacific Northwest CESU to assist in providing research, technical assistance and education.

L. The U.S. Army Corp of Engineers – Civil Works (hereinafter called USACE-CW) provides assistance in the development and management in the nation's water resources. The main missions of USACE-CW, i.e., the Corps, are 1) to facilitate commercial navigation, 2) to protect citizens and their property from flood and storm damages, and 3) to protect and restore environmental resources. The Corps carries out most of its work in partnership with Tribal, state and local governments and other non-federal entities. The Corps must rely upon using the best available science in the evaluation of water resources needs and in the development of recommendations for water resource management. The university and scientific advances will assist the Corps in reaching sound, scientifically based decisions. In accordance with 10 U.S.C. 2358, USACE-CW is authorized to enter into the cooperative agreement with the Hawaii – Pacific Islands CESU enabling the USACE-CW to receive direct scientific support from regional CESU members. USACE-CW is authorized to cooperate with other agencies in accordance with Title 33 U.S.C. 2323a and 10 U.S.C. 3036(d).

M. The mission of the National Oceanic and Atmospheric Administration (hereinafter NOAA) is to understand and predict changes in the Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs. Authorities to participate in and conduct activities through the Cooperative Ecosystem Studies Units Network include 33 USC 883e, which gives NOAA the authority to enter into cooperative agreements with States, Federal Agencies,

public or private organizations or individuals for authorized surveys or investigations and other specified purposes. In addition, under 16 USC 661, NOAA has the authority to provide assistance to, and cooperate with, Federal, State, and public or private agencies and organizations in the development, protection, rearing, and stocking of all species of wildlife, resources thereof, and their habitat, in controlling losses of the same from disease or other causes, in minimizing damages from overabundant species, among other things. NOAA also has the authority under 15 USC 2901 et seq., to enter into contracts, grants, or cooperative agreements for climate-related activities. Finally, the Coastal Zone Management Act at 16 USC 1451 et seq., grants NOAA the authority to coordinate with Federal Agencies and provide financial and technical assistance to states and territories to preserve, protect, develop, and where possible, to restore or enhance, the resources of the Nation's coastal zone for this and succeeding generations, among other things. In accordance with the authorities listed above, NOAA is authorized to enter into this cooperative agreement continuing the Hawaii – Pacific Islands CESU to assist in providing research, technical assistance and educational services.

### **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.8. The technical representative for the U.S. Army Corps of Engineers – Civil Works is:

Alfred F. Cofrancesco  
Technical Director, Civil Works, Environmental Engineering & Science  
Department of the Army  
Engineering Research and Development Center  
Corps of Engineers  
Environmental Laboratory  
Waterways Experiment Station  
3909 Halls Ferry Road  
Vicksburg, MS 39180-6199  
Phone: (601) 634-3182  
Fax: (601) 634-3664  
[Al.F.Cofrancesco@usace.army.mil](mailto:Al.F.Cofrancesco@usace.army.mil)

Administrative Representatives:

Amanda Irwin Campbell  
Contract Specialist, ERDC Contracting Office  
U.S. Army Corps of Engineers  
Engineer Research and Development Center  
3909 Halls Ferry Road  
Vicksburg, MS 39180  
Phone: (601) 634-3944  
Fax: (601) 634-4885  
[Amanda.I.Campbell@usace.army.mil](mailto:Amanda.I.Campbell@usace.army.mil)

Michael G. Lee  
Grants Officer  
ERDC Contracting Office (ECO)  
3909 Halls Ferry Road  
Vicksburg, MS 39180-6199  
Phone: (601) 634-3903  
Fax: (601) 634-4885  
[Michael.G.Lee@usace.army.mil](mailto:Michael.G.Lee@usace.army.mil)

A.9. The technical representative for the National Oceanic and Atmospheric Administration is:

Dr. Samuel G. Pooley  
Science and Research Director  
Pacific Islands Fisheries Science Center  
2570 Dole Street  
Honolulu, HI 96822-2296  
Phone: (808) 983-5303  
Fax: 808-983-2901  
[Samuel.Pooley@noaa.gov](mailto:Samuel.Pooley@noaa.gov)

## **ARTICLE V. AWARD**

A.3. Upon signature of all parties to this amendment, the U.S. Army Corps of Engineers – Civil Works and National Oceanic and Atmospheric Administration will each 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

U.S. DEPARTMENT OF AGRICULTURE

- E. USDA Forest Service
- F. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

- G. Office of the Deputy Under Secretary of Defense (Installations and Environment)  
U.S. Army Engineer and Support Center, Huntsville (Representing ODUSD)

**H. U.S. Army Corps of Engineers – Civil Works**

U.S. DEPARTMENT OF COMMERCE

**I. National Oceanic and Atmospheric Administration**

- J. UNIVERSITY OF HAWAII
- K. University of California - Berkeley
- L. University of Guam
- M. American Samoa Community College
- N. Bishop Museum
- O. National Tropical Botanical Garden
- P. The Nature Conservancy
- Q. Pacific International Center for High Technology Research
- R. University of Redlands

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

*Karen Y. Barnette* 11/4/09  
for James W. Abbott Date  
Acting State Director

*Traci D. Thaler* 11/4/09  
Traci D. Thaler Date  
Grants Management Officer

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

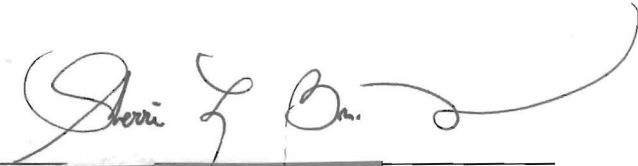
B. U.S. Fish and Wildlife Service

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

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

C. U.S. Geological Survey

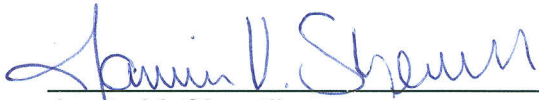
  
\_\_\_\_\_  
Sherrily Bredeesen  
Contracting Officer

10/19/09  
Date



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

D. National Park Service



Jamie V. Sherrill  
Contracting Officer

11/18/09

Date



Rory D. Westberg  
Acting Regional Director  
Pacific West Region

11/19/09

Date

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


E. USDA Forest Service

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

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


F. Natural Resources Conservation Service

  
\_\_\_\_\_  
Eloris D. Speight  
Acting Deputy Chief for Management

11-10-09  
Date

**ARTICLE XIII – AUTHORIZING SIGNATURES (CONT.)**

G. Department of Defense – Office of the Deputy Under Secretary of Defense  
(Installations and Environment)



\_\_\_\_\_  
Kenneth E. Goddard  
Grants Officer  
U.S. Army Engineering & Support Center

11/12/09

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

*Michael D. Lee*

[Print Name]:

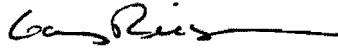
[Print Title]:

*10/19/09*

Date

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

**I. National Oceanic and Atmospheric Administration**



10/31/09

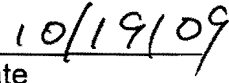
[Print Name]: Gary Reisner  
[Print Title]: Director, NOAA Fisheries Service  
Office of Management and Budget

Date

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

J. University of Hawaii (system-wide authorization)

  
\_\_\_\_\_  
[Print Name]:  
[Print Title]: **YAA-YIN FONG**  
**Director - Office of Research Services**

  
\_\_\_\_\_  
Date

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

K. University of California-Berkeley

*Patricia A. Gates*

*11/23/09*

[Print Name]:

Date

[Print Title]:

**PATRICIA A. GATES  
ASSOCIATE DIRECTOR  
SPONSORED PROJECTS OFFICE**



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

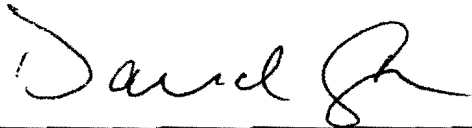
L. University of Guam

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

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

M. American Samoa Community College



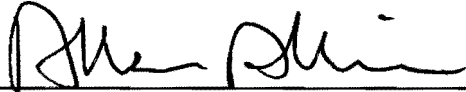
\_\_\_\_\_  
Daniel Mageo Aga, DPA  
Dean/Director

10/20/09

\_\_\_\_\_  
Date

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

N. Bishop Museum



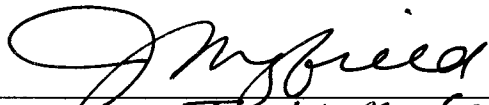
[Print Name]: Allen Allison  
[Print Title]: Vice President, Science

19 Oct 2009

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. National Tropical Botanical Garden



[Print Name]: Janet L. Mayfield  
[Print Title]: COO and CFO

10/19/09  
Date

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

P. The Nature Conservancy

A handwritten signature in black ink that reads "Mark R. Fox". The signature is written in a cursive style with a large initial 'M'.

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[Print Name]: Mark R. Fox  
[Print Title]: Director of External Affairs,  
Hawaii Program

October 20, 2009  
Date

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


Q. Pacific International Center for High Technology Research

  
\_\_\_\_\_  
[Print Name]: Janel Pang  
[Print Title]: CFO & Contracts Officer

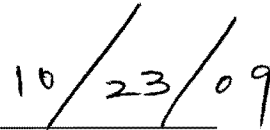
11-30-09  
Date

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

R. University of Redlands



\_\_\_\_\_  
Phillip L. Doolittle  
Executive Vice President



\_\_\_\_\_  
Date