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:
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

Administrative Representatives:
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

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 L. Barney
1/4/09
for
James W. Abbott
Acting State Director

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

Date

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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

[Signature]

Date

Sherri Ly Bredesen
Contracting Officer

10/19/09
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

Jamie V. Sherrill
Contracting Officer

Rory D. Westberg
Acting Regional Director
Pacific West Region

11/18/09
Date

11/19/09
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. USDA Forest Service

___________________________________   ______________
[Print Name]:        Date
[Print Title]:
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)

[Signature]
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

[Signature]

[Print Name]:
[Print Title]:

10/19/09
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. National Oceanic and Atmospheric Administration

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

Date 10/3/07
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

10/19/09  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. University of California-Berkeley

[Print Name]: Patricia A. Gates
[Print Title]:
ASSOCIATE DIRECTOR
SPONSORED PROJECTS OFFICE

11/23/09
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. University of Guam

___________________________________   ______________

[Print Name]:        Date
[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]: 
[Print Title]: COO and CFO  

Date 10/19/09
P. The Nature Conservancy

[Signature]

[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

[Signature]

Phillip L. Doolittle
Executive Vice President

Date: 10/23/09