

**NORTH AND WEST ALASKA  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

between

**DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
U.S. Geological Survey  
National Park Service  
Bureau of Ocean Energy Management, Regulation and Enforcement  
U.S. Fish and Wildlife 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)  
U.S. Army Corps of Engineers – Civil Works**

and

**UNIVERSITY OF ALASKA SYSTEM (HOST)  
(UA-Anchorage, UA-Fairbanks, UA-Southeast)**

**University of New Hampshire  
Alaska SeaLife Center  
Denali Education Center  
Alaska Pacific University  
Alaska Geographic  
Alaska Bird Observatory  
Manomet Center for Conservation Sciences**

Adding:

**Alaska Native Tribal Health Consortium  
Wildlife Conservation Society  
Idaho State University  
Montana State University**

With the exception of the changes below, all terms and conditions of the North and West Alaska 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**

- H.1. Department of the Interior (DOI) Secretarial Order No. 3071 established the Minerals Management Service in 1982 with responsibility for managing the Nation's oil, natural gas, and other mineral resources on the Federal Outer Continental Shelf (OCS) and the mineral revenues from OCS, Federal, and Indian lands as authorized by the OCS Lands Act (OCSLA) (43 USC 1331-1356). Pursuant to DOI Secretarial Order No. 3302 (18 June 2010), the Minerals Management Service was renamed the Bureau of Ocean Energy Management, Regulation and Enforcement (hereafter BOEMRE). The BOEMRE manages the mineral resources on 1.7 billion acres of the OCS to ensure that the U.S. government receives fair market value for acreage made available for leasing and manages any oil and gas activities to conserve resources, operate safely, and protect the coastal and marine environment. In addition to OCSLA, numerous laws, but particularly NEPA, provide the basis for environmental assessment and study of impacts associated with OCS related activities. OCSLA 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 or other mineral development. It further states that the Secretary may by agreement utilize, with or without reimbursement, the services, personnel, or facilities of any Federal, State, or local government agency. 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. The Energy Policy Act of 2005 amended the OCS Lands Act to give authority to the Department of the Interior to coordinate the development of an alternative energy program on the OCS and also to coordinate the energy and non-energy related uses in areas of the OCS where traditional oil and natural gas development already occurs. BOEMRE may use, as appropriate, the aforementioned authorities for specific activities under this agreement and to enter into this cooperative agreement continuing the North and West Alaska CESU to assist in providing research, technical assistance and educational services.
- K.3. The Alaska Native Tribal Health Consortium, Wildlife Conservation Society, Idaho State University, and Montana State University are hereby included in the North and West Alaska CESU as Partner Institutions.

### **ARTICLE III. TERM OF AGREEMENT**

- A.1. The effective date of the North and West Alaska CESU Cooperative and Joint Venture Agreement is 15 July 2008.
- A.2. The effective date of this Amendment to the North and West Alaska CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this Amendment.

### **ARTICLE IV. KEY OFFICIALS**

- C.8. The technical representatives for the Alaska Native Tribal Health Consortium are:

Dr. James E. Berner  
Senior Director for Science  
Alaska Native Tribal Health Consortium  
4000 Ambassador Drive  
Anchorage, AK 99508  
Phone: (907) 729-3640  
Fax: (907) 729-1901  
[jberner@anthc.org](mailto:jberner@anthc.org)

Mike Brubaker  
Director, Center for Climate and Health  
Alaska Native Tribal Health Consortium  
4000 Ambassador Drive  
Anchorage, AK 99508  
Phone: (907) 729-2464  
Fax: (907) 729-1901  
[mybrubaker@anthc.org](mailto:mybrubaker@anthc.org)

- C.9. The technical representative for the Wildlife Conservation Society is:

Joe Liebezeit  
Associate Conservation Biologist  
Wildlife Conservation Society  
North America Program - Pacific West  
718 SW Alder Street, Suite 210  
Portland, OR 97205  
Phone: (503) 241-7231  
Fax: (503) 241-7925  
[jliebezeit@wcs.org](mailto:jliebezeit@wcs.org)

Eva Fearn  
Assistant Director  
North America Program  
Wildlife Conservation Society  
301 North Willson Avenue  
Bozeman, MT 59715  
Phone: (406) 522-9333 x115  
Fax: (406) 522-9377  
[efearn@wcs.org](mailto:efearn@wcs.org)

C.10. The technical representative for the Idaho State University is:

Dr. Ben Crosby  
Assistant Professor  
Department of Geosciences  
921 S 8th Avenue, Stop 8072  
Idaho State University  
Pocatello, ID 83209-8072  
Phone: (208) 282-2949  
Fax: (208) 282-4414  
[crosby@isu.edu](mailto:crosby@isu.edu)

C.11. The technical representative for the Montana State University is:

Stephanie Ewing  
Assistant Professor  
Department of Land Resources and Environmental Sciences  
334 Leon Johnson Hall  
Montana State University  
Bozeman, MT 59717  
Phone: (406) 994-5247  
Fax: (406) 994-3933  
[stephanie.ewing@montana.edu](mailto:stephanie.ewing@montana.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. U.S. Geological Survey
- C. National Park Service
- D. Bureau of Ocean Energy Management, Regulation and Enforcement
- E. U.S. Fish and Wildlife Service

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)

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

J. UNIVERSITY OF ALASKA SYSTEM (HOST)

K. University of New Hampshire

L. Alaska SeaLife Center

M. Denali Education Center

N. Alaska Pacific University

O. Alaska Geographic

P. Alaska Bird Observatory

Q. Manomet Center for Conservation Sciences

**R. Alaska Native Tribal Health Consortium**

**S. Wildlife Conservation Society**

**T. Idaho State University**

**U. Montana State University**

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

A. Bureau of Land Management

  
\_\_\_\_\_  
State Director (ACTING)

MAY 23, 2011  
Date

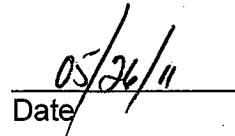
  
\_\_\_\_\_  
Grants Management Officer

5/23, 2011  
Date

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

B. U.S. Geological Survey

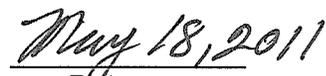
  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

  
\_\_\_\_\_  
Date

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

C. National Park Service

  
Margaret H. Iskra  
Margaret H. Iskra  
Contracting Officer

  
May 18, 2011  
Date

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

D. Bureau of Ocean Energy Management, Regulation and Enforcement

*Richard Prentiss*  
*acts for*  
\_\_\_\_\_  
Dee Williams  
Chief, Environmental Studies Management Section

*5/19/11*  
\_\_\_\_\_  
Date

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

E. U.S. Fish and Wildlife 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.

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

[Print Title]:

\_\_\_\_\_  
Date

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

F. 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.

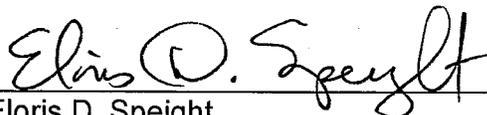
\_\_\_\_\_  
[Print Name]:

[Print Title]:

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

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

6-10-11  
Date

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

H. U.S. Department of Defense, Office of the Deputy Under Secretary of Defense  
(Installations and Environment)



\_\_\_\_\_

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

18-MAY-2011  
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: 2011.05.31 14:32:42 -05'00'

31 May 2011

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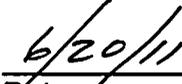
Deanna Sontag  
Grants Officer

Date

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

J. University of Alaska System

  
\_\_\_\_\_  
Daniel J. Julius  
Vice President for Academic Affairs

  
\_\_\_\_\_  
Date

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

K. University of New Hampshire

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.

\_\_\_\_\_  
John Aber  
Provost

\_\_\_\_\_  
Date

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

L. Alaska SeaLife Center



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Ian M. Dutton, Ph.D.  
President and CEO

5/23/11

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Date

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

M. Denali Education Center

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.

\_\_\_\_\_  
Michael Sfraga  
Chairman

\_\_\_\_\_  
Date

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

N. Alaska Pacific 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.

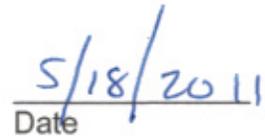
\_\_\_\_\_  
Michael Loso  
Associate Professor

\_\_\_\_\_  
Date

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

O. Alaska Geographic

  
\_\_\_\_\_  
Charles A. Money  
Executive Director

  
\_\_\_\_\_  
Date

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

P. Alaska Bird Observatory

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.

\_\_\_\_\_  
David Shaw  
Acting Executive Director

\_\_\_\_\_  
Date

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

Q. Manomet Center for Conservation Sciences

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.

\_\_\_\_\_  
Constance de Brun  
Vice President of Finance and Operations

\_\_\_\_\_  
Date

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

**R. Alaska Native Tribal Health Consortium**

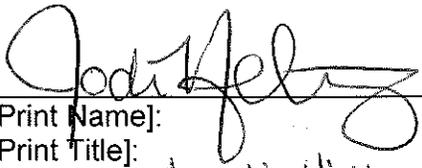
Participation in the North and West Alaska CESU is pending receipt of the signature from this new partner.

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

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Wildlife Conservation Society

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

May 12, 2011  
Date

Jodi Hilty  
Director, North America Program  
Wildlife Conservation Society

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Idaho State University

*Pamela L. Crowell*

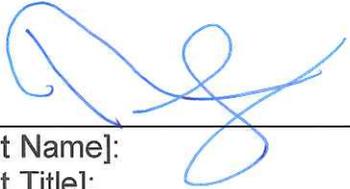
[Print Name]: Pamela L. Crowell  
[Print Title]: Vice President for Research  
and Economic Development

*6/1/11*

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Montana State University



[Print Name]:

[Print Title]:

THOMAS J. MCCOY  
VICE PRESIDENT FOR RESEARCH

MAY 12 2011

Date