

**PACIFIC NORTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

between

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

**DEPARTMENT OF AGRICULTURE
Forest Service
Natural Resources Conservation Service**

and

**UNIVERSITY OF WASHINGTON (HOST)
Heritage University
Oregon State University
Portland State University
Southern Oregon University
Tuskegee University
University of Alaska – Anchorage
University of Alaska – Southeast
University of British Columbia
University of Idaho
University of Oregon
University of Vermont
Washington State University
Western Washington University
Alaska Department of Fish and Game**

**Adding the
Minerals Management Service
Oregon Institute of Technology**

With the exception of the changes below, all terms and conditions of the Pacific Northwest CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES

A.1. The Minerals Management Service is included in the Pacific Northwest CESU as a Federal Agency partner under Agreement # _____.

K.1. The Oregon Institute of Technology is included in the Pacific Northwest CESU as a Partner Institution.

L. Department of the Interior (DOI) Secretarial Order No. 3071 established the Minerals Management Service (hereinafter called MMS) 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 U.S.C. 1331-1356). The MMS manages the mineral resources on 1.76 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. MMS may use, as appropriate, the aforementioned authorities for specific activities under this agreement.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Pacific Northwest CESU Cooperative and Joint Venture Agreement is 21 October 2005.

A.2. The effective date of this amendment to the Pacific Northwest 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 MMS is as follows:

Cleveland Cowles
Chief, Environmental Studies Section
3801 Centerpoint Drive, Suite 500
Anchorage, AK 99503
Phone: (907) 334-5281
Fax: (907) 334-5242
Cleveland.Cowles@mms.gov

C.15. The technical representative for the Oregon Institute of Technology is as follows:

Dr. Lawrence W. Powers
Professor of Natural Sciences
Department of Natural Sciences
Oregon Institute of Technology
Klamath Falls, OR 97601
Phone: (541) 885-1183
Fax: (541) 851-5050
powersl@oit.edu

ARTICLE V. AWARD

A.1. Upon signature of all parties to this amendment, MMS will commit \$10,000 in funds to the Host University in furtherance of the agreement, to be authorized by a modification issued against the agreement.

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached:

U.S. DEPARTMENT OF THE INTERIOR

A. Bureau of Land Management

B. U.S. Bureau of Reclamation

C. U.S. Fish and Wildlife Service

D. U.S. Geological Survey

E. Minerals Management Service

F. National Park Service

U.S. DEPARTMENT OF AGRICULTURE
G. Forest Service
H. Natural Resources Conservation Service

I. UNIVERSITY OF WASHINGTON
J. Heritage University
K. Oregon State University
L. Portland State University
M. Southern Oregon University
N. Tuskegee University
O. University of Alaska – Anchorage
P. University of Alaska – Southeast
Q. University of British Columbia
R. University of Idaho
S. University of Oregon
T. University of Vermont
U. Washington State University
V. Western Washington University
W. Alaska Department of Fish and Game
X. Oregon Institute of Technology

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Bureau of Reclamation

[Print Name]
Director, Research and Development

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Fish and Wildlife Service

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Geological Survey

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Minerals Management Service

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. National Park Service

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Forest Service

Dr. Thomas Quigley
Director, Pacific Northwest Research Station

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service

Dwight Holman
Deputy Chief for Management

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. University of Washington

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Heritage University

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Oregon State University

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Portland State University

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Southern Oregon University

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Tuskegee University

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Alaska – Anchorage

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Alaska – Southeast

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of British Columbia

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Idaho

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Oregon

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Vermont

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Washington State University

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Western Washington University

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Alaska Department of Fish and Game

[Print Name]:
[Print Title]:

Date

ARTICLE XIII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Oregon Institute of Technology

[Print Name]:
[Print Title]:

Date