

**PACIFIC NORTHWEST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

**between**

**U.S. 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  
Bureau of Ocean Energy Management**

**U.S. DEPARTMENT OF AGRICULTURE  
U.S. Forest Service, Pacific Northwest Research Station  
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE  
U.S. Army Corps of Engineers – Civil Works  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)**

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

**and**

**UNIVERSITY OF WASHINGTON (HOST)  
Heritage University  
Oregon State University  
Portland State University  
Southern Oregon 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  
Oregon Institute of Technology  
Saint Mary's University of Minnesota  
Eastern Washington University  
Central Washington University**

**Adding:  
Bureau of Indian Affairs**

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 Bureau of Indian Affairs (BIA) is hereby included in the Pacific Northwest CESU as a Federal Agency Partner.

N. Bureau of Indian Affairs (BIA) is the oldest bureau of the United States Department of the Interior. Established in 1824, BIA currently provides services to approximately 1.9 million American Indians and Alaska Natives. There are 566 federally recognized American Indian tribes and Alaska Natives in the United States. The mission of the Bureau of Indian Affairs is to: "... enhance the quality of life, to promote economic opportunity, and to carry out the responsibility to protect and improve the trust assets of American Indians, Indian tribes, and Alaska Natives." BIA has responsibility for the administration and management of 55 million surface acres and 57 million acres of subsurface minerals estates held in trust by the United States for American Indian, Indian tribes, and Alaska Natives. BIA serves a special role, both serving tribes through trust management and by providing technical support and advice across a broad range of topics. The BIA is also the lead agency providing for federal management of the trust corpus held on behalf of tribal government and individual beneficial owners and as such is tasked with coordinating science, technical education, and management needs for those trust resources. The tribes, through the Indian Self-Determination and Education Assistance Act of 1975 (Pub. L. 93-638) are authorized to contract BIA management functions and as such mission needs, research results, and education efforts serve and enable tribal and BIA staff. The Act also authorized the federal government to follow specific contracting regulations for Recognized Federal Indian Tribes, and with tribal approval, tribally chartered Indian colleges and universities.

BIA participation in the CESU Network will include support, coordination, and cooperation focused on science and education for climate and trust resource

management, as well as other areas within its range of mission-related services and activities. BIA is authorized to enter into cooperative agreements under the general authority for climate change via the Snyder Act of 1921, as amended, 25 U.S.C. § 13; for FY14 (2-year funding) via Pub. L. 113-76, and FY15 (2-year funding) via Pub. L. 113-164, as amended (and subsequent annual budget appropriations as may be authorized during the term of the agreement); and for any potential Forestry and Wildland Fire Management program efforts, via the National Indian Forest Resources Management Act of 1990, Pub. L. 101- 630. BIA has the authority to enter into this agreement pursuant to 25 U.S.C. § 2; the Education and Training Program, 23 U.S.C. § 6004; and Snyder Act of 1921, as amended, 25 U.S.C. § 13.

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

- A.1. The effective date of the Pacific Northwest CESU Cooperative and Joint Venture Agreement is 21 October 2015.
- 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.12. The technical representative for the Bureau of Indian Affairs is:

Rachael Novak  
Climate Science Coordinator  
Bureau of Indian Affairs  
1849 C St. NW, MIB 4633  
Washington DC, 20240  
Phone: (202) 219-1652  
rachael.novak@bia.gov

### **ARTICLE V. AWARD**

- A.1. Upon signature of all parties to this amendment, the Bureau of Indian Affairs shall commit funds to the Pacific Northwest CESU Host University in furtherance of the Agreement, to be authorized and executed by a modification to the Agreement in accordance with CESU Network Council annual host institution support guidelines.

#### **ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES**

Per Article III.C.1.a, the following authorizing signatures are attached:

- A. Bureau of Indian Affairs
- B. University of Washington (HOST)

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Indian Affairs

  
\_\_\_\_\_  
Michael S. Black  
Director, Bureau of Indian Affairs  
U.S. Department of the Interior

1/21/16  
Date

  
\_\_\_\_\_  
Mark Broughton  
Chief Contracting Officer

02/03/16  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. University of Washington (HOST)



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Amanda Snyder  
Acting Co-Director  
Office of Sponsored Programs

Roberta L. Mondares  
Grant and Contract Administrator  
Acting for Amanda Snyder

12/22/2015

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Date