

**PACIFIC NORTHWEST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO 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  
Bureau of Indian Affairs**

**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 Assistant Secretary of Defense  
(Energy, 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:  
Seattle University**

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**

- N.0. Section N. (Bureau of Indian Affairs), as set forth in Amendment One to the Pacific Northwest CESU Agreement (2015-2020), is hereby amended as Section P.
- O.1. Seattle University is hereby included in the Pacific Northwest CESU as a Partner Institution.

**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**

- C.18. The technical representative for the Seattle University is:

Dr. Teodora Rutar Shuman  
Associate Professor and Chair  
Mechanical Engineering Department Seattle University  
901 12th Avenue  
P.O. Box 222000  
Seattle, WA 98122-1090  
Phone: (206) 296-5535  
[teodora@seattleu.edu](mailto:teodora@seattleu.edu)

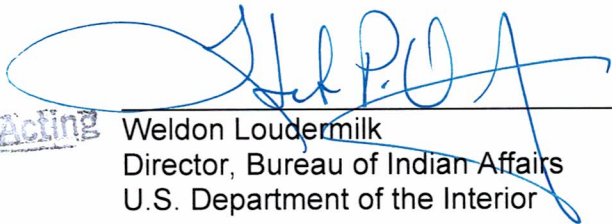
#### **ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES**

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

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

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Indian Affairs

  
Acting \_\_\_\_\_  
Weldon Loudermilk  
Director, Bureau of Indian Affairs  
U.S. Department of the Interior

2/13/2017  
Date

  
\_\_\_\_\_  
Jo Ann Metcalfe  
Grants Management Specialist

2/14/2017  
Date

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

**B. University of Washington (HOST)**




\_\_\_\_\_  
Carol Rhodes  
Director  
Office of Sponsored Programs


2/17/2017

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. Seattle University

  
\_\_\_\_\_  
Robert Dullea  
Interim Provost

  
\_\_\_\_\_  
Date