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
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
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

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   Date
Director
Office of Sponsored Programs

2/17/2017  Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. Seattle University

Robert Dullea
Interim Provost

Date 5/12/17