

**PACIFIC NORTHWEST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FIVE 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 for
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
Seattle University
Western Association of Fish and Wildlife Agencies
Center for Natural Lands Management**

**Adding:
Institute for Applied Ecology**

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

O.4. The Institute for Applied Ecology 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.21. The technical representative for the Institute for Applied Ecology is as follows:

Thomas N. Kaye
Executive Director and Senior Ecologist
Institute for Applied Ecology
563 SW Jefferson Ave
Corvallis, OR 97333
Phone: (541) 753-3099 ext 111
Fax: (541) 753-3098

tom@appliedeco.org

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

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

M. UNIVERSITY OF WASHINGTON (HOST)
GG. Institute for Applied Ecology

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. UNIVERSITY OF WASHINGTON (HOST)



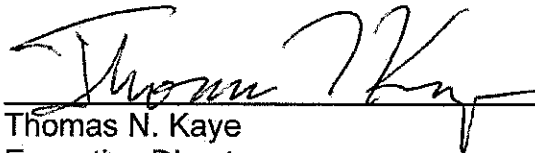
Carol Rhodes
Director
Office of Sponsored Programs

11/26/2018

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Institute for Applied Ecology



Thomas N. Kaye
Executive Director

11/9/18
11/9/2018

Date