GREAT LAKES-NORTHERN FOREST  
COOPERATIVE ECOSYSTEM STUDIES UNIT 

AMENDMENT ONE TO  
COOPERATIVE and JOINT VENTURE AGREEMENT  

between  

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

U.S. DEPARTMENT OF AGRICULTURE  
U.S. Forest Service, Northern Research Station  
Natural Resources Conservation Service  

U.S. DEPARTMENT OF DEFENSE  
Office of the Assistant Secretary of Defense for  
Energy, Installations, and Environment  
U.S. Army Corps of Engineers–Civil Works  

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  

and  

UNIVERSITY OF MINNESOTA (HOST)  
Antioch University New England  
Ball State University  
Central Michigan University  
Cleveland State University  
Cornell University  
Fond du Lac Tribal and Community College  
Grand Valley State University  
Hamline University  
Indiana State University  
Indiana University  
Kent State University  
Michigan State University  
Michigan Technological University
With the exception of the changes below, all terms and conditions of the Great Lakes-Northern Forest CESU Agreement apply to this Amendment, and this Amendment is hereby made part of the Agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES
N.1. The University of Pittsburgh is hereby included in the Great Lakes-Northern Forest CESU as a Partner Institution.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Great Lakes-Northern Forest CESU Cooperative and Joint Venture Agreement is 02 August 2017.

A.2. The effective date of this Amendment to the Great Lakes-Northern Forest CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this Amendment.

ARTICLE IV. KEY OFFICIALS

C.49. The representatives for the University of Pittsburgh are as follows:

**Technical Representative**

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**Administrative Representative**

Alice Lawson  
Assistant Director of Grants Management  
University of Pittsburgh  
Office of Research  
B-21 University Center
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

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

K. UNIVERSITY OF MINNESOTA (HOST)
HHH. University of Pittsburgh
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. UNIVERSITY OF MINNESOTA (HOST)

Kevin McKoskey  
Director  
Office of Sponsored Projects Administration  

3/5/18  
Date

Michael Kilgore  
Professor and Head, Department of Forest Resources and  
Director, Great Lakes-Northern Forest CESU  

March 5, 2018  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HHH. University of Pittsburgh

[Signature]
Rob A. Ruttenbar
Senior Vice Chancellor for Research

[Date]

Great Lakes-Northern Forest CESU 2017-2022, Amendment One