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
Dr. Emily Elliott
Associate Professor
Department of Geology and Environmental Science
University of Pittsburgh
200 SRCC Building
4107 O'Hara Street
Pittsburgh, PA 15260
Phone: (412) 624-8882
eelliott@pitt.edu

Dr. Mark Abbott
Professor and Chair
Department of Geology and Environmental Science
University of Pittsburgh
200 SRCC Building
4107 O'Hara Street
Pittsburgh, PA 15260
Phone: (412) 624-1408
mabbott1@pitt.edu

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. Rutenbar
Senior Vice Chancellor for Research

[Signature]
Date