

**GREAT LAKES - NORTHERN FOREST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FOUR to
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

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

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

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

**U.S. DEPARTMENT OF DEFENSE
U.S. Army Corps of Engineers–Civil Works
Office of the Deputy Under Secretary of Defense
(Installations and Environment)**

and

**UNIVERSITY OF MINNESOTA (HOST)
Fond du Lac Tribal and Community College
Indiana University
Michigan State University
Michigan Technological University
Minnesota State University–Mankato
Southern University and A&M College
SUNY-College of Environmental Science and Forestry
University of Iowa
University of Toledo
University of Vermont and State Agricultural College
University of Wisconsin–Madison
West Virginia University
American Indian Science and Engineering Society
Great Lakes Commission
Great Lakes Forest Alliance
Minnesota Department of Natural Resources**

**National Council for Air and Stream Improvement, Inc.
The Nature Conservancy
Science Museum of Minnesota
Cleveland State University
University of Wisconsin–Stevens Point
Northern Michigan University
Stephen F. Austin State University
University of Wisconsin–La Crosse
Antioch University New England
Cornell University
Indiana State University
Purdue University
University of Notre Dame
Ball State University
Grand Valley State University
Hamline University
Midwest Art Conservation Center
St. Mary’s University of Minnesota
Winona State University
Central Michigan University
Kent State University
The Ohio State University
Wildlife Conservation Society
Chicago Botanic Garden
Northland College
Northern Illinois University
George Wright Society**

Adding:

The Research Foundation for SUNY at The College at Brockport

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. ARTICLE I. BACKGROUND AND OBJECTIVES

O.4. The Research Foundation for SUNY at The College at Brockport is hereby included in the Great Lakes – Northern Forest CESU as Partner Institutions.

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 2012.
- 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.

ARTICLE IV. KEY OFFICIALS

C.45. The technical representative for The Research Foundation for SUNY at The College at Brockport is:

Jacques Rinchar
Associate Professor
Department of Environmental Science and Biology
350 New Campus Drive, 115 Lennon Hall
Brockport, NY 14420
Phone: (585) 395-5157
jrinchar@brockport.edu

The administrative representative is:

Laura Merkl
Contract and Grant Administrator
The Research Foundation for SUNY at The College at Brockport
350 New Campus Drive, 520 Allen Administration Building
Brockport, NY 14420
Phone: (585) 395-2444
lmerkl@brockport.edu

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached:

U.S. DEPARTMENT OF THE INTERIOR

- A. Bureau of Land Management
- B. U.S. Geological Survey
- C. National Park Service
- D. U.S. Fish and Wildlife Service

U.S. DEPARTMENT OF AGRICULTURE

- E. U.S. Forest Service

- F. Natural Resources Conservation Service
- G. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
- U.S. DEPARTMENT OF DEFENSE
 - H. U.S. Army Corps of Engineers–Civil Works
 - I. Office of the Deputy Under Secretary of Defense (Installations and Environment)
- J. UNIVERSITY OF MINNESOTA (HOST)
- K. Fond du Lac Tribal and Community College
- L. Indiana University
- M. Michigan State University
- N. Michigan Technological University
- O. Minnesota State University–Mankato
- P. Southern University and A&M College
- Q. SUNY–College of Environmental Science and Forestry
- R. University of Iowa
- S. University of Toledo
- T. University of Vermont and State Agricultural College
- U. University of Wisconsin–Madison
- V. West Virginia University
- W. American Indian Science and Engineering Society
- X. Great Lakes Commission
- Y. Great Lakes Forest Alliance
- Z. Minnesota Department of Natural Resources
- AA. National Council for Air and Stream Improvement, Inc.
- BB. The Nature Conservancy
- CC. Science Museum of Minnesota
- DD. Cleveland State University
- EE. University of Wisconsin–Stevens Point
- FF. Northern Michigan University
- GG. Stephen F. Austin State University
- HH. University of Wisconsin–La Crosse
- II. Antioch University New England
- JJ. Cornell University
- KK. Indiana State University
- LL. Purdue University
- MM. University of Notre Dame
- NN. Ball State University
- OO. Grand Valley State University
- PP. Hamline University
- QQ. Midwest Art Conservation Center
- RR. St. Mary’s University of Minnesota
- SS. Winona State University
- TT. Central Michigan University
- UU. Kent State University

- VV. The Ohio State University
- WW. Wildlife Conservation Society
- XX. Chicago Botanic Garden
- YY. Northland College
- ZZ. Northern Illinois University
- AAA. George Wright Society
- BBB. The Research Foundation for SUNY at The College at Brockport**

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Dr. John Ruhs
State Director, Eastern States


Date

Lisa T. Clayton
Grants Management Officer

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

06/02/15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

C. National Park Service

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Catherine Schroeder
Grants and Assistance Officer

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service

John Stokes Digitally signed by John Stokes
DN: cn=John Stokes, o=USFWS, ou=Contracting and
Facilities Management, email=john_stokes@fws.gov, c=US
Date: 2015.05.27 12:02:22 -0500

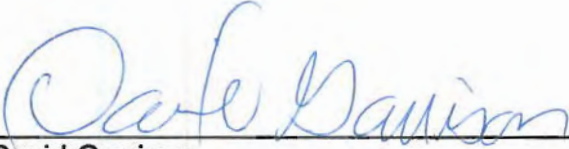
May 27, 2015

John Stokes
Chief of Contracting & Facilities Management, Region 3

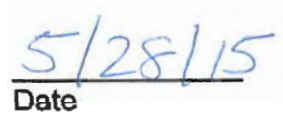
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. U.S. Forest Service



David Garrison
Grants and Agreements Specialist
Northern Research Station



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

Gayle M. Barry

For *Gayle M. Barry*, *Acting CPRO*
Deputy Chief for Management

6/22/2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

G. National Aeronautics and Space Administration

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Olga M. Dominguez
Assistant Administrator for Strategic Architecture

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

H. U.S. Army Corps of Engineers – Civil Works

MCGUFFIE.JERI.H
.1230779046

Digitally signed by MCGUFFIE.JERI.H.1230779046
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=MCGUFFIE.JERI.H.1230779046
Date: 2015.06.25 15:10:02 -05'00'

Jeri McGuffie
Grants Officer

25 Jun 2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

I. Department of Defense, Office of the Deputy Under Secretary of Defense
(Installations and Environment)

**ROBICHEAUX.TRACI.D.12603
53990**

Digitally signed by ROBICHEAUX.TRACI.D.1260353990
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990
Date: 2015.07.08 11:24:19 -05'00'

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

J. University of Minnesota

**Kevin
McKoskey**

Digitally signed by Kevin
McKoskey
DN: cn=Kevin McKoskey,
o=University of Minnesota,
ou=Sponsored Projects,
email=kevin@umn.edu, c=US
Date: 2015.07.17 10:56:32 -05'00'

Kevin McKoskey
Senior Grants Manager
Office of Sponsored Projects Administration

Date



Alan Ek
Head, Department of Forest Resources and
Acting Director, Great Lakes-Northern Forest CESU

JULY 10, 2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

K. Fond du Lac Tribal and Community College

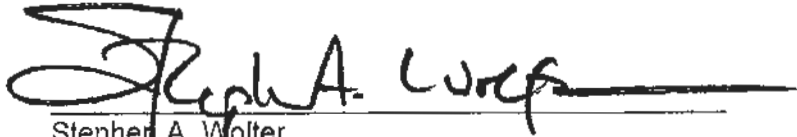
This partner is inactive.

Larry Anderson
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

L. Indiana University



Stephen A. Wolter
Executive Director, Eppley Institute for Parks and Public Lands

7/1/2015

Date



Teresa Miller
Manager Grant Services

7-1-2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

M. Michigan State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Diane Cox
Manager, Office of Sponsored Programs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. Michigan Technological University



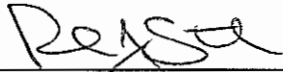
Julie Seppala
Executive Director, Office of Sponsored Programs



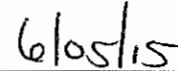
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

O. Minnesota State University–Mankato



Richard J. Straka
Vice President for Finance and Administration



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. Southern University and A&M College

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Flandus McClinton, Jr.
Acting Chancellor

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. SUNY–College of Environmental Science and Forestry

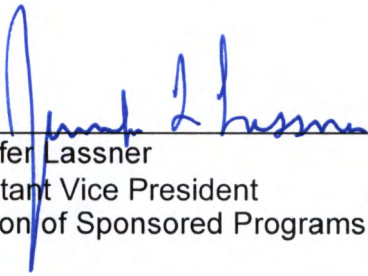
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Cornelius B. Murphy, Jr.
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R. University of Iowa



Jennifer Lassner
Assistant Vice President
Division of Sponsored Programs

6/18/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. University of Toledo

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

James P. Trempe, Ph.D.
Vice President for Research

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. University of Vermont and State Agricultural College



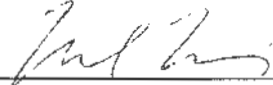
M. Jennifer Gagnon
Sponsored Project Administration

06/02/2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Wisconsin–Madison



for _____
Kurt McMillen, Managing Officer
Research and Sponsored Programs

6/3/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

V. West Virginia University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Mary Jane Buckland
Interim Director of Sponsored Programs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. American Indian Science and Engineering Society

This partner is inactive.

Name:
Title:

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

X. Great Lakes Commission

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Name:
Title:

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Y. Great Lakes Forest Alliance

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Michael Prouty
Executive Director:

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Z. Minnesota Department of Natural Resources

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Dave Schad
Deputy Commissioner

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AA. National Council for Air and Stream Improvement, Inc.

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Ronald A. Yeske
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BB. The Nature Conservancy

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Rob McKim
Central US Regional Director

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

CC. Science Museum of Minnesota

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Eric J. Jolly
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Cleveland State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Craig M. Zullig
Director, Office of Sponsored Programs and Research

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. University of Wisconsin–Stevens Point

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Katherine P. Jore
Associate Vice Chancellor for Personnel, Budget and Grants

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

FF. Northern Michigan University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Brian Cherry
Associate Provost for Graduate Education and Research

Date

Name: R. Gavin Leach
Vice President for Finance and Administration

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG. Stephen F. Austin State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Baker Pattillo
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

HH. University of Wisconsin–La Crosse

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Robert H. Hoar
Interim Associate Vice Chancellor for Academic Affairs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

II. Antioch University New England

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

David A. Caruso, Ph.D.
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

JJ. Cornell University



Digitally signed by Christine M. Ashdown
DN: cn=Christine M. Ashdown, o=Cornell
University, ou=Office of Sponsored Programs,
email=cma20@cornell.edu, c=US
Date: 2015.06.26 16:16:27 -04'00'

Christine M. Ashdown
Senior Grant & Contract Officer, Office of Sponsored Programs

6/26/15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

KK. Indiana State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

[Print Name]
[Print Title]

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

LL. Purdue University



Beth Siple
Ag Sponsored Program Service



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

MM. University of Notre Dame



Greg Luttrell
Director, Research Contracts and Awards

4 June 2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

NN. Ball State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Justin M. Miller
Director, Sponsored Programs Office

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

OO. Grand Valley State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Christine C. Chamberlain
Director, Office of Sponsored Programs


Date

ARTICLE XIV. AUTHORIZING SIGNATURE (cont.)

PP. Hamline University



Dr. Eric R. Jensen
Provost



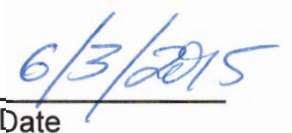
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

QQ. Midwest Art Conservation Center



Colin D. Turner
Executive Director



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

RR. St. Mary's University of Minnesota

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Benjamin Murray
Vice President for Financial Affairs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

SS. Winona State University




Charla S. Miertschin
Dean, College of Science and Engineering

July 5, 2015

Date


ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

TT. Central Michigan University

	
<hr/>	<hr/>
John McGrath Ian R. Davison	6-3-15
Vice President for Research Interim Vice Provost for Research and Graduate Studies	Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

UU. Kent State University



Grant McGimpsey
Vice President for Research and Sponsored Programs

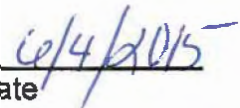
6/9/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. The Ohio State University



Kim C. Carter
Associate Director, Office of Sponsored Programs
Kristy A. Baker, CRA
Director, Office for
Business & Industry Contracts



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

WW. Wildlife Conservation Society

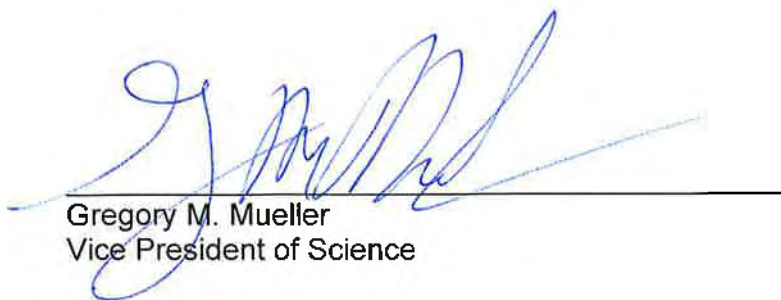
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Jodi Hilty
Director of North American Conservation Programs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

XX. Chicago Botanic Garden



Gregory M. Mueller
Vice President of Science

5 June 2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

YY. Northland College

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Robert Jackson
Vice President of Finance and Administration

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

ZZ. Northern Illinois University



Dara C. Little
Director, Office of Sponsored Projects



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AAA. George Wright Society

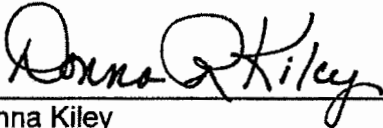
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

David Harmon
Executive Director

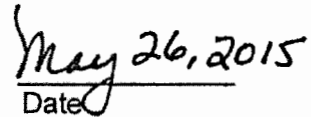
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BBB. The Research Foundation for SUNY at The College at Brockport



Donna Kiley
Associate Director Office of Contracts and Grants



Date