

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

**AMENDMENT THREE 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**

Adding:

George Wright Society

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.3. George Wright Society 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.44. The technical representative for George Wright Society is:

Emily Dekker-Fiala
Membership/Conference Coordinator
George Wright Society
P.O. Box 65
Hancock, MI 49930-0065
Phone: (906) 487-9722
efiala@georgewright.org

ARTICLE IV. 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**

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management



Dr. John Ruhs
State Director, Eastern States
Acting

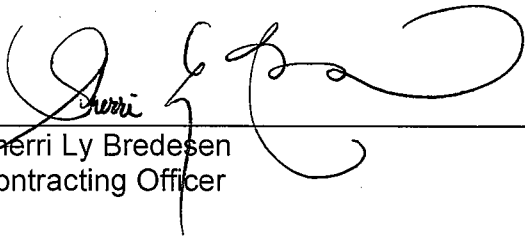
6 August 2014
Date

Lisa T. Clayton
Grants Management Officer

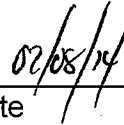
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

C. National Park Service

**CATHERINE
SCHROEDER**

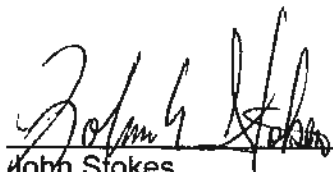
Digitally signed by CATHERINE
SCHROEDER
DN: c=US, o=U.S. Government,
ou=Department of the Interior,
ou=National Park Service, cn=CATHERINE
SCHROEDER,
0.9.2342.19200300.100.1.1=14001002052
640
Date: 2014.07.08 07:33:08 -05'00'

Catherine Schroeder
Grants and Assistance Officer

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service



John Stokes
Chief of Contracting & Facilities Management, Region 3

7/8/2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. U.S. Forest 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.

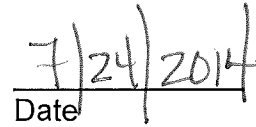
David Garrison
Grants and Agreements Specialist
Northern Research Station

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service


Gayle N. Barry
Deputy Chief for Management


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



Digitally signed by
SONTAG.DEANNDAS.1230791909
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=SONTAG.DEANNDAS.1230791909
Date: 2014.07.21 09:52:39 -05'00'

Deanna Sontag
Grants Officer

21 July 2014

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

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.

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

J. University of Minnesota



Kevin McKoskey
Senior Grants Manager
Office of Sponsored Projects Administration

7/21/14
Date



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

7/21/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

K. Fond du Lac Tribal and Community College

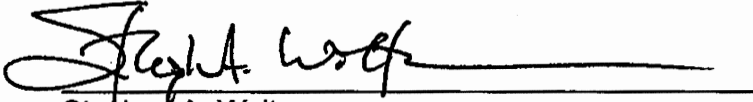
This partner is inactive.

Larry Anderson
President

Date

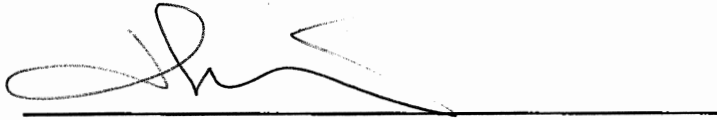
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

L. Indiana University



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

7/8/2014
Date



Teresa Miller
Manager Grant Services

7-9-2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

M. Michigan State University



~~Daniel T. Even~~ *Daniel Cox*
~~Director, Contract and Grant Administration~~
Manager, Office of Sponsored Programs
Contract Team 2@asp.msu.edu

28 July 2014

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. Michigan Technological 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.

Julie Seppala
Executive Director, Office of Sponsored Programs

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

O. Minnesota State University–Mankato



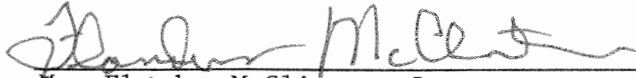
Richard J. Straka
Vice President for Finance and Administration



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. Southern University and A&M College



Mr. Flandus McClinton, Jr.
Acting Chancellor

7/8/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. SUNY–College of Environmental Science and Forestry

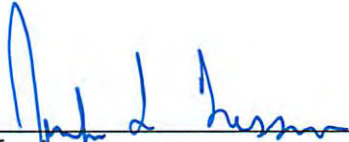
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Cornelius B. Murphy, Jr.
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R. University of Iowa



Jennifer Lassner
Interim Director
Division of Sponsored Programs

7/15/14

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



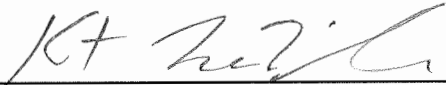
M. Jennifer Gagnon
Sponsored Project Administration

JUL 29 2014

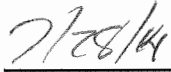
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Wisconsin–Madison



**Kurt McMillen, Managing Officer
Research & Sponsored Programs**



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

 _____
Eric J. Jolly
President

7/17/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Cleveland State University

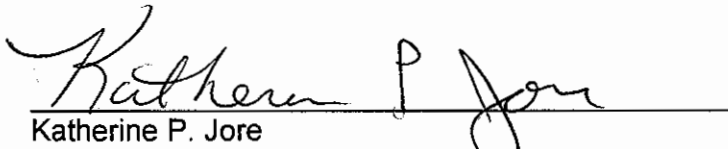
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. University of Wisconsin–Stevens Point



A handwritten signature in cursive script, reading "Katherine P. Jore", written over a horizontal line.

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

7/10/14
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



Baker Pattillo
President

7-15-14
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: 2014.07.20 11:47:23 -04'00'

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

7/20/14

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

KK. Indiana State University

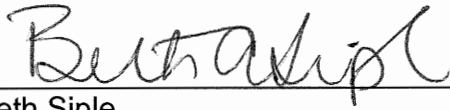
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

[Print Name]
[Print Title]

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

LL. Purdue University



Beth Siple
Ag Sponsored Program Service

7/21/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

MM. University of Notre Dame

A handwritten signature in blue ink, appearing to read "GLuttrell", written over a horizontal line.

Greg Luttrell
Director, Research Contracts and Awards

8 July 2014

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



Christine C. Chamberlain
Director, Office of Sponsored Programs


Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

PP. Hamline 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.

Eric R. Jensen
Provost

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

QQ. Midwest Art Conservation Center



Colin D. Turner
Executive Director

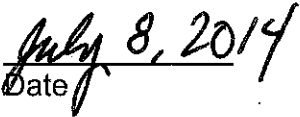
7/7/2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

RR. St. Mary's University of Minnesota



Benjamin Murray
Vice President for Financial Affairs



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

SS. Winona State University

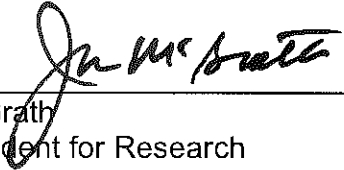
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Charla S. Miertschin
Dean, College of Science and Engineering

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

TT. Central Michigan University

A handwritten signature in cursive script, appearing to read "John McGrath", is written over a horizontal line.

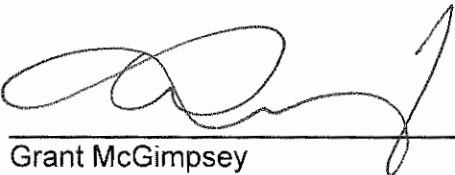
John McGrath
Vice President for Research

A handwritten date "7/15/14" is written above a horizontal line.

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

UU. Kent State University



Grant McGimpsey
Vice President for Research and Sponsored Programs

7/7/14

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. The Ohio State University

Kim C. Carter

Kim C. Carter
Associate Director, Office of Sponsored Programs

7/9/14

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

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.

Gregory M. Mueller
Vice President of Science

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

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.

Dara C. Little
Director, Office of Sponsored Projects

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AAA. George Wright Society



David Harmon
Executive Director

July 7, 2014

Date