

**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 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**

Adding:

**Central Michigan University
Kent State University
The Ohio State University
Wildlife Conservation 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.1. The Central Michigan University, Kent State University, The Ohio State University, and the Wildlife Conservation Society are 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.37. Dr. Donald G. Uzarski
Associate Professor, Department of Biology
Founding Director, Institute for Great Lakes Research
Director, CMU Biological Station
Brooks Hall 127
Central Michigan University
Mt. Pleasant, MI 48858
Phone: (989) 774-2504
Email: uzars1dg@cmich.edu
- Dr. James H. Hageman
Interim Vice Provost for Research
Office of Research and Sponsored Programs
251 Foust Hall
Central Michigan University
Mt. Pleasant, MI 48858
Phone: (989) 774-3094
Email: hagem1jh@cmich.edu
- C.38. Kent State University
Christopher Blackwood, Associate Professor
Director, Center for Ecology and Natural Resource Sustainability
Department of Biological Sciences
Kent State University
Kent, OH 44242
Phone: (330) 672-3895
Email: cblackwo@kent.edu
- W. Grant McGimpsey, Ph.D.
Vice President for Research
Division of Research and Sponsored Programs
114 Cartwright Hall
Kent State University
Kent, OH 44242
Phone: (330) 672-6501
Email: wmcgimps@kent.edu
- C.39. The Ohio State University
Stuart A. Ludsin

Aquatic Ecology Laboratory
Department of Evolution, Ecology, and Organismal Biology
232 Research Center
1314 Kinnear Road
Columbus, OH 43212
Phone: (614) 292-0181
Email: ludsin.1@osu.edu

Ginette A. Busque
The Ohio State University
The Office of Sponsored Programs
Sponsored Programs Officer
1960 Kenny Road
Columbus, OH 43210
Phone: (614) 292-0956
Email: busque.1@osu.edu

C.40. Wildlife Conservation Society
Heidi Kretser, Ph.D.
Livelihoods & Conservation Coordinator
North America Program
Wildlife Conservation Society
7 Brandy Brook Avenue
Saranac Lake, NY 12893
Phone: (518) 891-8872
Email: hkrestler@wcs.org

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

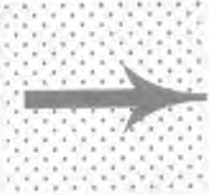
U.S. DEPARTMENT OF DEFENSE

- 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**

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management



John Lyon

09072012

Dr. John Lyon
State Director, Eastern States

Date

Lisa T. Clayton

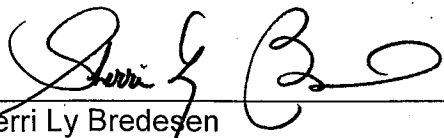
8-17-12

Lisa T. Clayton
Grants Management Officer

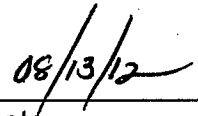
Date

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

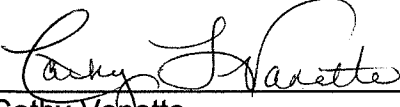


Penny Russell
Grants and Assistance Officer

9/4/2012
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service



Cathy Vanatta
Contracting Officer, Region 3

8/9/12

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. U.S. Forest Service

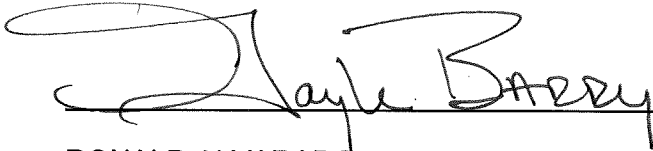
A handwritten signature in cursive script that reads "David Garrison". The signature is written in black ink and is positioned above a horizontal line.

David Garrison
Grants and Agreements Specialist
Northern Research Station

8/14/12
Date

AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service


RONALD ALVARADO
Acting Deputy Chief for Management **Acting for**

8/23/12
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.

[Print Name]
[Print Title]

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

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Deanna Sontag
Grants Officer

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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



Leslie E. Guy
Grants Officer
Representing ODUSD (I&E)

13 Aug 12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

J. University of Minnesota



Kevin McKoskey
Senior Grants Manager
Office of Sponsored Projects Administration

8/30/12
Date



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

8/30/12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

K. Fond du Lac Tribal and Community College

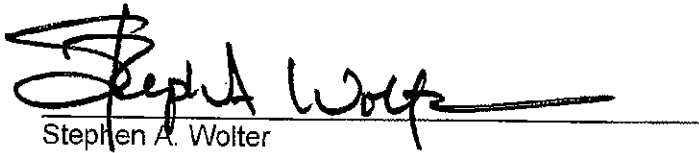
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Larry Anderson
President

Date

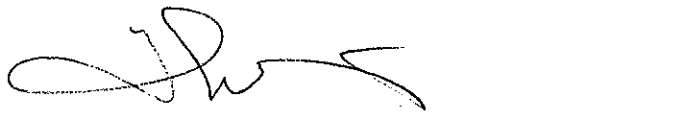
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

L. Indiana University



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

8/10/2012
Date



Teresa Miller
Manager Grant Services

8/23/2012
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.

Daniel T. Evon
Director, Contract and Grant Administration

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. Michigan Technological University



Julie Seppala
Executive Director, Sponsored Programs Office



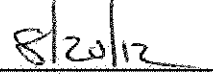
Date

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.

James Llorens, Ph.D.
Chancellor

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

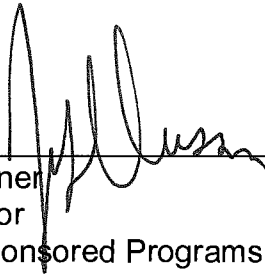
Q. SUNY–College of Environmental Science and Forestry

Cornelius B. Murphy, Jr.
Cornelius B. Murphy, Jr.
President

8/13/12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R. University of Iowa



Jennifer Lassner
Interim Director
Division of Sponsored Programs

8/15/12
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


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.

Ruth Farrell
Associate Vice President for Research Administration

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Wisconsin–Madison

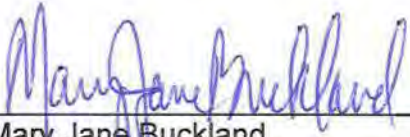

for Kim Moreland
Director, Research and Sponsored Programs

8/24/12
Date

Michael Morris
Contracts Coordinator
Research & Sponsored Programs

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

V. West Virginia University



Mary Jane Buckland
Interim Director of Sponsored Programs



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. American Indian Science and Engineering Society

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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

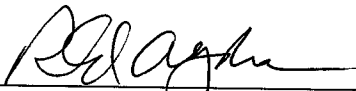
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Dave Schad
Deputy Commissioner

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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



Ronald A. Yeske
President

Aug. 8, 2012
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

8/17/12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Cleveland State University

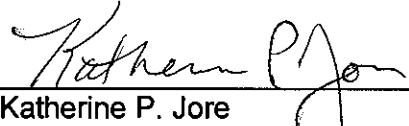
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. University of Wisconsin–Stevens Point

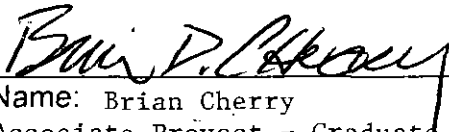


Katherine P. Jore
Associate Vice Chancellor for Personnel, Budget and Grants


8/13/12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

FF. Northern Michigan University


Name: Brian Cherry
Associate Provost - Graduate Education and Research


8-21-12
Date


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

8-21-12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG. Stephen F. Austin State University



Baker Pattillo
President

8-10-12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

HH. University of Wisconsin-La Crosse

R. H. Hoar

Robert H. Hoar
Interim Associate Vice Chancellor for Academic Affairs

8/10/12

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

II. Antioch University New England

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David A. Caruso, Ph.D.
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

JJ. Cornell University



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



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

8/9/12
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

MM. University of Notre Dame



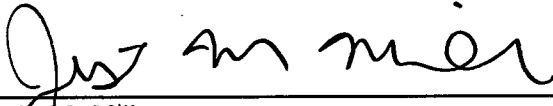
Liz Rulli
Associate Vice President for Research



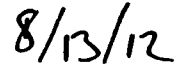
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

NN. Ball State University



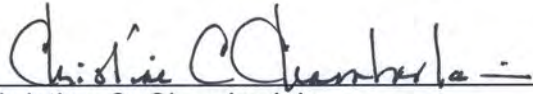
Justin M. Miller
Director, Sponsored Programs Office



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

OO. Grand Valley State University




Christine C. Chamberlain
Director, Office of Sponsored Programs

8/10/12

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

PP. Hamline University



Eric R. Jensen
Provost

8/9/12

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

QQ. Midwest Art Conservation Center



Colin D. Turner
Executive Director

8/8/2012

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

RR. St. Mary's University of Minnesota

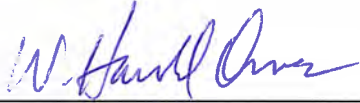
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

James M. Bedtke, MBA
Vice President of the College

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

SS. Winona State University



W. Harold Ornes
Dean, College of Science and Technology

Aug 10, 2012
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

TT. Central Michigan University

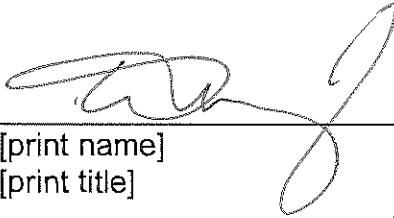
James H. Hageman
[print name]
[print title]

8/8/12
Date

James H. Hageman
Interim VP for Research

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

UU. Kent State University



[print name]
[print title]

GRANT MCGIMPSEY
VP RESEARCH + SPONSORED PROGRAMS

8/14/2012
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

VV. The Ohio State University

Kimi C. Carter

[print name]
[print title]

8/8/12

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

WW. Wildlife Conservation Society



Jodi HILTY
[print name]
[print title]

August 22, 2012
Date