GREAT LAKES - NORTHERN FOREST
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT TWO 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

Adding:

Chicago Botanic Garden
Northland College
Northern Illinois 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

O.2. Chicago Botanic Garden, Northland College, and Northern Illinois University 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.41. The technical representative for Chicago Botanic Garden is:

Gregory M. Mueller  
Vice President of Science and Academic Programs  
Chicago Botanic Garden  
1000 Lake Cook Road  
Glencoe, IL 60022  
Phone: (847) 835-8226  
gmueller@chicagobotanic.org

The administrative representative for Chicago Botanic Garden is:

Anya Maziak  
Development Officer, Foundation and Government Relations  
Chicago Botanic Garden  
1000 Lake Cook Road  
Glencoe, IL 60022  
Phone: (847) 835-6896  
amaziak@chicagobotanic.org

C.42. The technical representative for Northland College is:

Randy Lehr  
Bro Professor of Sustainable Regional Development  
Sigurd Olson Environmental Institute  
Northland College  
1411 Ellis Avenue  
Ashland, WI 54806  
Phone: (715) 682-1261  
rehr@northland.edu

The administrative representative for Northland College is:

Robert Jackson  
Vice President of Finance and Administration
C.43. The technical representative for Northern Illinois University is:

Dr. Melissa Lenczewski  
Associate Professor, Geology & Environmental Geosciences  
Acting Director, Institute for the Study of the Environment, Sustainability, and Energy  
Northern Illinois University  
DeKalb, IL 60115  
Phone: (815) 753-7937  
lenczewski@niu.edu

The administrative representative for Northern Illinois University is:

Dara C. Little  
Director, Office of Sponsored Projects  
Northern Illinois University  
DeKalb, IL 60115  
Phone: (815) 753-9285  
dlittle@niu.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
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 Lyon       Date
State Director, Eastern States

___________________________________   ______________
Lisa T. Clayton         Date
Grants Management Officer
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey

[Signature]
Sherri Ly Bredesen
Contracting Officer

08/13/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

C. National Park Service

Penny Russell
Grants and Assistance Officer

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=1400
1002052640
Date: 2013.09.09 11:10:12 -05'00'

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service

John Stokes
Chief, Contracting & Facilities Management

8/12/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. U.S. Forest Service

David Garrison
Grants and Agreements Specialist
Northern Research Station

Date 8/19/13
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation 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.

__________________________________________  __________________________
Gayle Norman Berry                        Date
Deputy Chief for Management
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.

__________________________________________ Date
Olga M. Dominguez
Assistant Administrator for Strategic Architecture
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

[Digital signature]

Deannda Sontag
Grants Officer

21 Aug 2013
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

ROBICHEAUX.TRA  
CI.D.1260353990  

Traci Robicheaux  
Grants Officer  
Representing ODUSD (I&E)  

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: 2013.09.06 16:30:19 -05'00'

6 Sep 2013  
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

J. University of Minnesota

Kevin McKoskey  
Senior Grants Manager  
Office of Sponsored Projects Administration

8/12/13  
Date

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

8/10/13  
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

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.

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

__________________________    ______________________
Teresa Miller    Date
Manager Grant Services
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  Date
Director, Contract and Grant Administration
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

8-13-13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. Southern University and A&M College

James Llorens, Ph.D.
Chancellor

8/12/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. SUNY—College of Environmental Science and Forestry

Cornelius B. Murphy, Jr.
President

9/12/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R. University of Iowa

Jennifer Lassner
Interim Director
Division of Sponsored Programs

Date 8/26/13
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. University of Toledo

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

8/9/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. University of Vermont and State Agricultural College

M. Jennifer Gagnon, Director
Sponsored Project Administration

AUG 12 2013
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Wisconsin–Madison

Kim Moreland  
Director, Research and Sponsored Programs

Janice H. Kalvin, Admin. Officer  
Research & Sponsored Programs

AUG 19 2013
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: Date

Title:
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                           Date
Executive Director:


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                                      Date
Deputy Commissioner
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

[Signature]
Ronald A. Yeske
President

[Date]
Aug 9, 2013
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BB. The Nature Conservancy

[Signature]

Rob McKim
Central US Regional Director

9.9.13
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  Date
President
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

_________________________  __________________________
Craig M. Zullig          Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. University of Wisconsin–Stevens Point

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

8/9/13 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                                      Date
Associate Provost for Graduate Education and Research

__________________________________________  _________________________  
Name: R. Gavin Leach                              Date
Vice President for Finance and Administration
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG. Stephen F. Austin State University

Baker Pattillo
President

8-14-13
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.                        Date
President
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

JJ. Cornell University

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

Digital signature details:
- Digital signature by Christine M. Ashdown
- DN: cn=Christine M. Ashdown,
  o=Cornell University, ou=Office of Sponsored Programs,
  email=cma20@cornell.edu, c=US
- Date: 2013.08.12 17:44:49 -04'00'
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

Jenny McDaniel
Contract Analyst

8/31/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

MM. University of Notre Dame

Greg Luttrell
Director, Research Contracts & Awards

9 August 2013
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

NN. Ball State University

[Signature]

Justin M. Miller
Director, Sponsored Programs Office

8/12/18
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

OO. Grand Valley State University

Christine C. Chamberlain
Director, Office of Sponsored Programs

[Signature]

August 1st, 2013
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                      Date
Provost
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

QQ. Midwest Art Conservation Center

[Signature]

Colin D. Turner
Executive Director

[Date]

9/9/2013
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

RR. St. Mary's University of Minnesota

James M. Bedtko, MBA
Vice President of the College
Benjamin Murray
Vice President for Financial Affairs

8-12-2013
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

SS. Winona State University

[Signature]
Charla S. Miertschin
Dean, College of Science and Engineering

8/29/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

TT: Central Michigan University

[Signature]
John McGrath
Vice President for Research

8/4/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

UU. Kent State University

[Signature]
Grant McGimpsey
Vice President for Research and Sponsored Programs

8/20/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Vv. The Ohio State University

[Signature]
Kim C. Carter
[print title]

Kim C. Carter
Associate Director
Office of Sponsored Programs

8/15/13
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

WW. Wildlife Conservation Society

[Signature]
Jodi Hilly  [print title]

Date: Sept 13, 2013
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

XX. Chicago Botanic Garden

[Signature]
[Print Name]
[Print Title]

6 Aug 2013
Date

Gregory M. Mueller
Vice President of Science
Chicago Botanic Garden
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

YY. Northland College

[print name]                                       [print title]  
Robert Jackson  
Vice President of Finance  
and Administration  
Northland College

08/06/13  
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

ZZ. Northern Illinois University

[Signature]
Dara C. Little
Director, Office of Sponsored Projects

8/8/13
Date