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  
   rlehr@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
State Director, Eastern States

Lisa T. Clayton
Grants Management Officer

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey

Sherri Ly Breeden
Contracting Officer

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

C. National Park Service

Digital signature of CATHERINE SCHROEDER

Penny Russell
Grants and Assistance Officer

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

8/19/13
Date
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

Great Lakes - Northern Forest CESU Amend 2 CBG, NLC, NIU
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
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

Digitally signed by
SONTAG.DEANnda.S.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SONTAG.DEANnda.S.1230791909
Date: 2013.08.21 14:34:41 -05'00'

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)

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                  Date
President

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                         Date
Executive Director, Office of Sponsored Programs
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

[Signature]
Cornelius B. Murphy, Jr.
President

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

R. University of Iowa

[Signature]
Jennifer Lapsner
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

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

T. University of Vermont and State Agricultural College

[Signature]
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       Date
Interim Director of Sponsored Programs
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. American Indian Science and Engineering Society

This partner is inactive.

Name: ___________________________  Date: ___________________________
Title: ___________________________
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
Deputy Commissioner

Date
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

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. University of Wisconsin—Stevens Point

[Signature]
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
Associate Provost for Graduate Education and Research

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

GG. Stephen F. Austin State University

Baker Pattillo
President

Date 8-14-13
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                                           Date
Interim Associate Vice Chancellor for Academic Affairs
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

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: 2013.08.12 17:44:49 -04'00'

08/12/13
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] Date
[Print Title]
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

LL. Purdue University

Beth Siple  8/31/13
Ag Sponsored Program Service

Jenny McDaniel  
Contract Analyst
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

August 14, 2013
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

Signed by:

[Signature]

Colin D. Turner
Executive Director

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

RR. St. Mary's University of Minnesota

James M. Bedtke, 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

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

UU. Kent State University

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

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

Vv. The Ohio State University

Kim C. Carter [print title]  

8/15/13  
Date

Kim C. Carter  
Associate Director  
Office of Sponsored Programs
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

WW. Wildlife Conservation Society

Jodi Hilty
[print title]

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

XX. Chicago Botanic Garden

[Signature]

Gregory M. Mueller
Vice President of Science
Chicago Botanic Garden

6 Aug 2013
Date
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  Dale
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

ZZ. Northern Illinois University

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

8/8/13
Date