GREAT LAKES-NORTHERN FOREST
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT ONE TO
COOPERATIVE and JOINT VENTURE AGREEMENT (II)
[Renewal Agreement: 02AUG2007]

between

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

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

NATIONAL AERONAUTICS and SPACE ADMINISTRATION
NASA

DEPARTMENT OF THE ARMY
US Army Corps of Engineers–Civil Works

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 Massachusetts–Amherst
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
International Association for Great Lakes Research
Minnesota Department of Natural Resources

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE I. BACKGROUND AND OBJECTIVES
E.1 The National Park Service hereby replaces its existing cooperative agreement number—H6000C02000—with the following cooperative agreement number—H6000082000—for the current 5-year term of the Great Lakes-Northern Forest CESU Cooperative and Joint Venture Agreement.

K.1. Antioch University New England, Cornell University, Indiana State University, Purdue University, and the University of Notre Dame are included as Partner Institutions in the Great Lakes-Northern Forest Cooperative Ecosystem Studies Unit.

ARTICLE III. TERMS OF AGREEMENT
A.1. The effective date of the Great Lakes-Northern Forest CESU Cooperative and Joint Venture Agreement is 02 August 2007.

A.3. 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.27. The technical representatives for Antioch University New England are:

   Dr. James Jordan
   Associate Chair for Academic Programs
C.29. The technical representative for Cornell University is:

Dr. Daniel J. Decker
Senior Advisor to the Dean &
Director, Office of Land Grant Affairs
College of Agriculture and Life Sciences
251 Roberts Hall
Cornell University
Ithaca, NY 14853-5905
Phone: 607-255-2559
Fax: 607-255-3803
Email: djd6@cornell.edu

C.30. The technical representatives for Indiana State University are:

Dr. John O. Whitaker, Jr.
Professor, Department of Ecology and Organismal Biology
Indiana State University
Terre Haute, IN 47809
Phone: 812-237-2383
Fax: 812-237-2526
Email: j-whitaker@indstate.edu

Dr. Dale W. Sparks
Assistant Director, Center for North American Bat Research and Conservation
Department of Ecology and Organismal Biology
C.31. The technical representatives for Purdue University are:

Dr. Robert K. Swihart  
Professor and Head  
Department of Forestry and Natural Resources  
Purdue University  
West Lafayette, IN 47907-2061  
Phone: 765-494-3531  
Fax: 765-494-9461  
Email: rswhart@purdue.edu

Administrative Representative:

Dr. Sonny Ramaswamy  
Director of Agricultural Research Programs  
College of Agriculture  
Purdue University  
West Lafayette, IN 47907-2053  
Phone: 765-494-6382  
Fax: 765-494-0808  
Email: sonny@purdue.edu

C.32. The technical representative for the University of Notre Dame is:

Dr. Gary A. Lamberti  
Professor and Assistant Chair  
Department of Biological Sciences  
290 Galvin Hall  
University of Notre Dame  
Notre Dame, IN 46556  
Phone: 574-631-0580  
Fax: 574-631-7413  
Email: Gary.A.Lamberti.1@nd.edu

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES
The following authorizing signatures are attached to this amendment:

Federal Partners
U.S. DEPARTMENT OF THE INTERIOR

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue

A. Bureau of Land Management
B. U.S. Geological Survey
C. National Park Service

U.S. DEPARTMENT OF AGRICULTURE
D. U.S. Forest Service
E. Natural Resources Conservation Service

F. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

U.S. DEPARTMENT OF DEFENSE
G. Department of the Army, US Army Corps of Engineers–Civil Works

Nonfederal Partners
H. UNIVERSITY OF MINNESOTA
I. Fond du Lac Tribal and Community College
J. Indiana University
K. Michigan State University
L. Michigan Technological University
M. Minnesota State University–Mankato
N. Southern University and A&M College
O. SUNY–College of Environmental Science and Forestry
P. University of Iowa
Q. University of Massachusetts–Amherst
R. University of Toledo
S. University of Vermont and State Agricultural College
T. University of Wisconsin–Madison
U. West Virginia University
V. American Indian Science and Engineering Society
W. Great Lakes Commission
X. Great Lakes Forest Alliance
Y. International Association for Great Lakes Research
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
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

__________________________________________   ________
Alan Barron Bail     Date
Acting State Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey—Biological Resources Division

Sherri Bredesen  
Contracting Officer  

03/12/08  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

[Signature]

Theora McVay  3-3-08

Date

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. USDA Forest Service

[Signature]
David Garrison, Grants and Agreements Specialist
Northern Research Station

3/03/08
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service

[Signature]
Katherine C. Gugulis
Deputy Chief for Management

Date: 4/1/08
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. National Aeronautics and Space Administration

[Signature]
Daniel D. White

3/7/68
Date

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. University of Minnesota

Judith Krzyzek, Grants & Contracts Manager
Sponsored Projects Admin.

16 Apr 08

Dorothy H. Anderson, Ph.D.
Coordinator, Great Lakes-Northern Forest CESU

6 Apr 2008

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. Fond du Lac Tribal and Community College

[Signature]

Donald R. Day
President

4-10-08
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Indiana University

[Signature]
Stephen A. Wolter
Executive Director, Eppley Institute for Parks and Public Lands
Technical Representative

[Signature]
Steven A. Martin
Assistant Vice President for Research

[Signature]
TRACEY LEVY
CONTRACT ADMINISTRATOR

[Signature]
4/11/2008
Date

[Signature]
4/14/08
Date

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Massachusetts–Amherst

Jennifer A. Donais, CRA
Associate Director

Date

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Vermont and State Agricultural College

[Signature]
Ruth Farrell
Associate Vice President for Research Administration

4.11.08
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Ronald A. Yeske

April 14, 2008
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. The Nature Conservancy

[Signature]
John A. Andersen, Jr.
Great Lakes Director

[Date]

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
HH. University of Wisconsin–La Crosse

[Signature]

Vijendra J. Agarwal
Associate Vice Chancellor for Academic Affairs

4/7/08

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. Antioch University New England

DAVID A. CARUSO
PRESIDENT

1/23/08
DATE
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J.J. Cornell University

[Signature]
Christine M. Ashdown
Sr. Grant & Contract Officer
Sponsored Program Services

1/4/08
Date

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Indiana State University

[Signature]
Dr. Mark D. Green
Chief Research Officer

[Date]

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

LL. Purdue University

[Signature]

Michael R. Ludwig
Associate Director
Sponsored Programs

12/5/07 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

MM. University of Notre Dame

Michael T. Edwards
Assistant Vice President / Director, Office of Research

DATE: DEC 05 2007
Date

Great Lakes-Northern Forests CESU (Il), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey–Biological Resources Division

__________________________________________________________________________
Sherri Bredesen     Date
Contracting Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

__________________________________________________________________________  ____________
Theora McVay                             Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. USDA Forest Service

David Garrison, Grants and Agreements Specialist
Northern Research Station
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service

________________________________________   _________
Katherine C. Gugulis     Date
Deputy Chief for Management
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. National Aeronautics and Space Administration

Daniel D. White

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. US Army Corps of Engineers – Civil Works

________________________________________   _________
Laurie A. Bagby     Date
Grants Officer

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. University of Minnesota

__________________________________________   ________
Kevin McKoskey     Date
Senior Grants Manager
Office of Sponsored Projects Administration

__________________________________________   ________
Dorothy H. Anderson, Ph.D.     Date
Coordinator, Great Lakes-Northern Forest CESU

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. Fond du Lac Tribal and Community College

__________________________________________   ________
Donald R. Day     Date
President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Indiana University

__________________________________________   ________
Stephen A. Wolter     Date
Executive Director, Eppley Institute for Parks and Public Lands
Technical Representative

__________________________________________   ________
Steven A. Martin     Date
Assistant Vice President for Research

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Michigan State University

__________________________________________   ________
Daniel T. Evon     Date
Director, Contract and Grant Administration
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Michigan Technological University

__________________________________________   ________
David D. Reed     Date
Vice President for Research
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Minnesota State University–Mankato

__________________________________________   __________
Richard J. Straka     Date
Vice President for Finance and Administration
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Southern University and A&M College

__________________________________________   ________
Margaret S. Ambrose     Date
Interim Chancellor
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. SUNY—College of Environmental Science and Forestry

__________________________________________   ________
Cornelius B. Murphy, Jr.     Date
President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Iowa

__________________________________________   ________
Twila Fisher Reighley     Date
Assistant Vice President for Research
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Massachusetts–Amherst

Jennifer A. Donais, CRA
Associate Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Toledo

__________________________________________   ________
R. Douglas Wilkerson, Ph.D.     Date
Vice President for Research Administration
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Vermont and State Agricultural College

__________________________________________   ________
Ruth Farrell     Date
Associate Vice President for Research Administration
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Wisconsin–Madison

__________________________________________   ________
Diane Barrett     Date
Assistant Director, Research and Sponsored Programs
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. West Virginia University

______________________________   ________
Curt M. Peterson     Date
Interim Vice President for Research & Economic Development

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
 ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. American Indian Science and Engineering Society

__________________________________________   ________
Dwight A. Gourneau     Date
Director of Professional Development
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Great Lakes Commission

__________________________________________   ________
Thomas R. Crane     Date
Program Manager, Resource Management
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Great Lakes Forest Alliance

__________________________________________   ________
Stefan Bergmann     Date
Executive Director

__________________________________________   ________
Stefan Bergmann     Date
Executive Director
Y. International Association for Great Lakes Research

Lynda D. Corkum
President

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Minnesota Department of Natural Resources

__________________________   ________
Laurie Martinson     Date
Deputy Commissioner

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

__________________________________________   ________

Ronald A. Yeske     Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. The Nature Conservancy

__________________________________________   ________
Rob McKim     Date
Central US Regional Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Science Museum of Minnesota

__________________________________________________________________________   ________
Eric J. Jolly                 Date
President

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Cleveland State University

__________________________________________   ________
Leo W. Jeffres     Date
Interim Vice Provost for Research
EE. University of Wisconsin–Stevens Point

Michael P. Veum
Associate Vice Chancellor for Personnel,
 Budget, Grants, and Summer Session

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. Northern Michigan University

______________________________________________________________________________   ________
Cynthia Prosen                     Date
Associate Provost for Academic Affairs

______________________________________________________________________________   ________
R. Gavin Leach                     Date
Vice President for Finance and Administration
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Stephen F. Austin State University

__________________________________________   ________
Baker Pattillo     Date
President

______________________________  Date
Baker Pattillo
President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. University of Wisconsin–La Crosse

__________________________________________   ________
Baker Pattillo     Date
President

__________________________________________________________________________________________
Baker Pattillo     Date
President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. Antioch University New England

__________________________________________   ________

[NAME?]
[TITLE?]

__________________________________________   Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. Cornell University

__________________________________________   ________  
[NAME?]     Date  
[TITLE?]     

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Indiana State University

__________________________________________   ________

[NAME?] 

[TITLE?] 

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

LL. Purdue University

__________________________________________   ________

[NAME?]     Date
[TITLE?]    

Great Lakes-Northern Forests CESU (II), Amendment One, Antioch-Cornell-IN State-ND-Purdue
ARTICLE XIV.  AMENDMENT AUTHORIZING SIGNATURES (cont.)

MM.  University of Notre Dame

__________________________________________   ________
Michael T. Edwards        Date
Assistant Vice President / Director, Office of Research