

**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**

**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**

Adding:

**Antioch University New England
Cornell University
Indiana State University
Purdue University
University of Notre Dame**

With the exception of the changes below, all terms and conditions of the Great Lakes-Northern Forest Cooperative and Joint Venture Agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

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

Department of Environmental Studies
Antioch University New England
40 Avon Street
Keene, NH 03431-3552
Phone: 603-284-2339
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Administrative Representative:

Mr. Donald Woodhouse
Grants Office Director
Office of Academic Affairs
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C.29. The technical representative for Cornell University is:

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Senior Advisor to the Dean &
Director, Office of Land Grant Affairs
College of Agriculture and Life Sciences
251 Roberts Hall
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Ithaca, NY 14853-5905
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C.30. The technical representatives for Indiana State University are:

Dr. John O. Whitaker, Jr.
Professor, Department of Ecology and Organismal Biology
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Terre Haute, IN 47809
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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

Administrative Representative:

Dawn Underwood
Director Office of Sponsored Programs
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Indiana State University
Terre Haute, IN 47809
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Indiana State University
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Fax: 812-237-2526
Email: dsparks@isugw.indstate.edu

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: rswihart@purdue.edu

Administrative Representative:

Dr. Sonny Ramaswamy
Director of Agricultural Research Programs
College of Agriculture
Purdue University
West Lafayette, IN 47907-2053
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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

- 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
Acting State Director

Date

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



Theora McVay

3-3-08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. USDA Forest Service

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

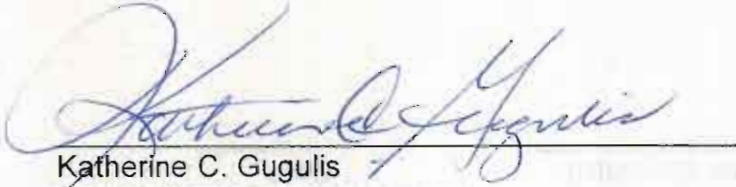
David Garrison, Grants and Agreements Specialist
Northern Research Station

3/03/08

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service



Katherine C. Gugulis
Deputy Chief for Management

4/11/08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. National Aeronautics and Space Administration


Daniel D. White

3/7/68
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. US Army Corps of Engineers – Civil Works

Laurie A. Bagby
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. University of Minnesota



Judith Krzyzek, Grants &
Contracts Manager
Sponsored Projects Admin.

16 Apr '08
Date



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

7 April 2008
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. Fond du Lac Tribal and Community College

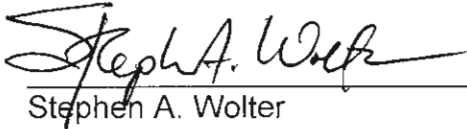
Donald R Day

Donald R. Day
President

4-10-08
Date

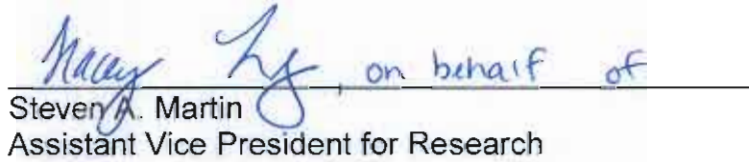
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Indiana University



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

4/11/2008
Date



Steven A. Martin
Assistant Vice President for Research

4/14/08
Date

TRACEY LEVY
CONTRACT ADMINISTRATOR

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Michigan State University

Daniel T. Evon
Director, Contract and Grant Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Michigan Technological University

David D. Reed
Vice President for Research

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Minnesota State University–Mankato

Richard J. Straka
Vice President for Finance and Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Southern University and A&M College

Margaret S. Ambrose
Interim Chancellor

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. SUNY–College of Environmental Science and Forestry

Cornelius B. Murphy, Jr.
President

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Iowa

Twila Fisher Reighley
Assistant Vice President for Research


Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JAD

Q. University of Massachusetts–Amherst

108-1335



Jennifer A. Donais, CRA
Associate Director

4-14-08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Toledo

R. Douglas Wilkerson, Ph.D.
Vice President for Research Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Vermont and State Agricultural College



Ruth Farrell
Associate Vice President for Research Administration

4.11.08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Wisconsin–Madison

Diane Barrett
Assistant Director, Research and Sponsored Programs

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. West Virginia University

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

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. American Indian Science and Engineering Society

Dwight A. Gourneau
Director of Professional Development

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Great Lakes Commission

Thomas R. Crane
Program Manager, Resource Management

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Great Lakes Forest Alliance

Stefan Bergmann
Executive Director

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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
Deputy Commissioner

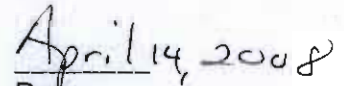
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



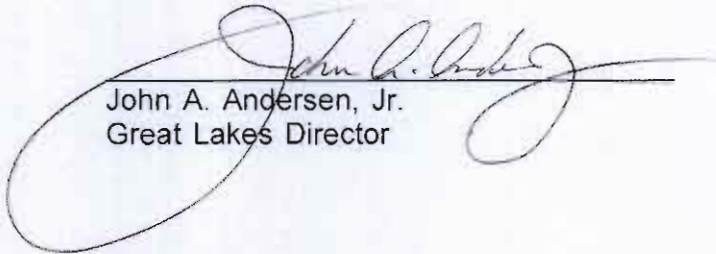
Ronald A. Yeske



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. The Nature Conservancy


John A. Andersen, Jr.
Great Lakes Director

4/17/08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Science Museum of Minnesota

Eric J. Jolly
President

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Cleveland State University

Leo W. Jeffres
Interim Vice Provost for Research

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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
Associate Provost for Academic Affairs

Date

R. Gavin Leach
Vice President for Finance and Administration

Date

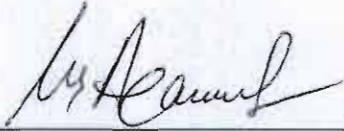
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Stephen F. Austin State University

Baker Pattillo
President

Date

HH. University of Wisconsin-La Crosse



Vijendra J. Agarwal
Associate Vice Chancellor for Academic Affairs

4/7/08

Date

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.)

JJ. Cornell University




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

1/4/08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Indiana State University



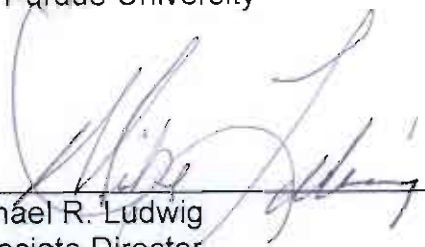
Dr. Mark D. Green
Chief Research Officer

12/10/07

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

LL. Purdue University



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

DEC 05 2007

Date