

**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. 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**

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

**Adding:**

**U.S. Fish and Wildlife Service  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)**

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**

- A.1. The U.S. Fish and Wildlife Service is hereby included in the Great Lakes-Northern Forest Cooperative Ecosystem Studies Unit as a Federal Agency Partner under agreement #H6000082000.
- A.2. The U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations and Environment) is hereby included in the Great Lakes-Northern Forest Cooperative Ecosystem Studies Unit as a Federal Agency Partner under agreement #W9126G-11-2-0001.
- M. The U.S. Fish and Wildlife Service (hereinafter called USFWS) working with others, is responsible for conserving, protecting, and enhancing fish, wildlife, plants and their habitats for the continuing benefit of the American people through Federal programs related to migratory birds, endangered species, interjurisdictional fish and marine mammals, and inland sport fisheries. In accordance with the Fish and Wildlife Act of 1956 (16 USC 742f), the USFWS is authorized to enter into this

cooperative agreement to continue the Great Lakes-Northern Forest CESU to assist in providing research, technical assistance, and education.

- N. The Department of Defense (hereinafter called DoD) manages nearly 30 million acres of land, and the natural and cultural resources found there, and for this agreement includes the Office of the Secretary of Defense, the Military Services, the Defense Logistics Agency, the National Guard Bureaus, and the Military Reserve Components. The DoD's primary mission is national defense. The DoD's conservation program supports this mission by ensuring realistic training areas, and managing its resources in ways that maximize available land, air, and water training opportunities. DoD environmental stewardship activities are authorized under the Sikes Act, as amended. In accordance with one or more of the following: 16 USC 670c-1, 10 USC 2358, 10 U.S.C 2694, 10 USC 2684, and P.L. 103-139 (FY 94 NDAA page 107 Stat. 1422) DoD is authorized to enter into this cooperative agreement continuing the Great Lakes-Northern Forest CESU to assist in providing research, technical assistance and education.

## **ARTICLE II. STATEMENT OF WORK**

- D.6.a. Also, in accordance with 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense).

## **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**

- A.8. The technical representative for the U.S. Fish and Wildlife Service is:

Craig A. Czarnecki  
U.S. Fish and Wildlife Service  
East Lansing Field Office  
2651 Coolidge Road, Suite 101  
East Lansing, MI 48823  
Phone: (517) 351-8470  
Fax: (517) 351-1443  
[Craig\\_Czarnecki@fws.gov](mailto:Craig_Czarnecki@fws.gov)

- A.9. The technical representative for the Department of Defense, Office of the Deputy Under Secretary of Defense (Installations and Environment) is:

Alan B. Anderson  
U.S. Army Engineer Research and Development Center (ERDC)  
Construction Engineering Research Laboratory (CERL)  
2902 Farber Drive  
Champaign, IL 61822  
Phone: (217) 352-6511, Ext 6390  
Phone: 800/USACERL, Ext 6390  
Fax: (217) 373-7266  
[alan.b.anderson@erdc.usace.army.mil](mailto:alan.b.anderson@erdc.usace.army.mil)

Administrative Representative:

Joyce Roberts, Contract Specialist  
Vicksburg Consolidated Contracting Office  
CEMVK-CT-TC/J. Roberts  
P.O. Box 9005  
Champaign, IL 61826-9005  
Phone: (217) 373-4479, or 800/USACERL, Ext. 4479  
Fax: (217) 373-6773  
[Joyce.I.Roberts@erdc.usace.army.mil](mailto:Joyce.I.Roberts@erdc.usace.army.mil)

## **ARTICLE V. AWARD**

- A.1. Upon signature of all parties to this amendment, USFWS will commit \$10,000 in funds to the Great Lakes-Northern Forest CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.
- A.2. Upon signature of all parties to this amendment, DoD will commit \$10,000 in funds to the Great Lakes-Northern Forest CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.
- A.3. Also, in accordance with 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE VI. PRIOR APPROVAL**

- A.1. Also, in accordance with 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE VII. REPORTS AND/OR DELIVERABLES**

- A.1. Also, in accordance with 32 CFR Parts 21, 21, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE VIII. PROPERTY UTILIZATION AND DISPOSITION**

- A.1. Also, in accordance with 32 CFR Parts 21, 21, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE IX. TERMINATION**

- A.2. Also, in accordance with 32 CFR Parts 21, 21, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE X. REQUIRED/SPECIAL PROVISIONS**

### **7. TRAFFICKING VICTIM PROTECTION:**

This Agreement and its subsequent modifications and task agreements are subject to requirements of section 106(g) of the Trafficking Victims Protection Act of 2000, as amended (22 USC 7104); now located at 2 CFR Part 175:

Trafficking in Persons.

(a) Provisions applicable to a recipient that is a private entity.

(1) You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not—

- i. Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
- ii. Procure a commercial sex act during the period of time that the award is in effect; or
- iii. Use forced labor in the performance of the award or subawards under the award.

(2) We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a subrecipient that is a private entity --

- i. Is determined to have violated a prohibition in paragraph (a)(1) of this award term; or
  - ii. Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph (a)(1) of this award term through conduct that is either—
    - a. Associated with performance under this award; or
    - b. Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR Part 180, “OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by each respective federal agency partner at: 2 CFR Part 1125 (Department of Defense), 2 CFR Part 1326 (Department of Commerce), 2 CFR 1400 (Department of the Interior), 2 CFR Part 1880 (NASA), 7 CFR Part 3017 (Department of Agriculture).
- (b) Provision applicable to a recipient other than a private entity. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity—
- (1) Is determined to have violated an applicable prohibition in paragraph (a)(1) of this award term; or
  - (2) Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph (a)(1) of this award term through conduct that is either—
    - i. Associated with performance under this award; or
    - ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, “OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by each respective federal agency partner at: 2 CFR Part 1125 (Department of Defense), 2 CFR Part 1326 (Department of Commerce), 2 CFR 1400 (Department of the Interior), 2 CFR Part 1880 (NASA), 7 CFR Part 3017 (Department of Agriculture).
- (c) Provisions applicable to any recipient.
- (1) You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph (a)(1) of this award term.
  - (2) Our right to terminate unilaterally that is described in paragraph (a)(2) or (b) of this section:
    - i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 USC 7104(g)), and

- ii. Is in addition to all other remedies for noncompliance that are available to us under this award.

(3) You must include the requirements of paragraph (a)(1) of this award term in any subaward you make to a private entity.

(d) Definitions. For purposes of this award term:

(1) "Employee" means either:

- i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or
- ii. Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.

(2) "Forced labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.

(3) "Private entity":

- i. Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR 175.25.
- ii. Includes:
  - a. A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).
  - b. A for-profit organization.

(4) "Severe forms of trafficking in persons," "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 USC 7102).

8. PROHIBITION ON TEXT MESSAGING AND USING ELECTRONIC EQUIPMENT SUPPLIED BY THE GOVERNMENT WHILE DRIVING (Included pursuant to Department of the Interior Guidance Release – DIG-2010-04)

Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving, was signed by President Barack Obama on October 1, 2009 (<http://edocket.access.gpo.gov/2009/pdf/E9-24203.pdf>). This Executive Order introduces a Federal Government-wide prohibition on the use of text messaging while driving on official business or while using Government-supplied equipment. Award recipients shall adopt and enforce policies that immediately ban text

messaging while driving company-owned or-rented vehicles, government-owned or leased vehicles, or while driving privately owned vehicles when on official government business or when performing any work for or on behalf of the government.

9. CENTRAL CONTRACTOR REGISTRATION AND DATA UNIVERSAL NUMBERING SYSTEM (2 CFR Part 25): 2 CFR Part 170 requires each applicant, as well as recipients and their direct subrecipients, other than individuals, that does not have an exception under 2 CFR §25.110, to:

(1) Be registered in the Central Contractor Registration (CCR) database prior to submitting an application or plan;

(2) Maintain an active CCR registration with current information at all times during which it has an active Federal award or an application or plan under consideration by an agency; and

(3) Provide its Dun and Bradstreet Data Universal Numbering System (DUNS) number in each application or plan it submits to the agency.

10. REPORTING SUBAWARDS AND EXECUTIVE COMPENSATION (2 CFR Part 170): 2 CFR Part 170 requires each entity that applies, and does not have an exception under 2 CFR §170.110(b), to ensure they have the necessary processes and systems in place to comply with the reporting requirements of the Federal Funding Accountability and Transparency Act of 2006 (Pub. L. 109–282), as amended by section 6202 of Public Law 110–252, should they receive funding.

## **ARTICLE XI. DOCUMENTS INCORPORATED BY REFERENCE**

The following are to be incorporated into this Agreement:

1. SF-LLL, Disclosure of Lobbying Activities or Grants.gov Lobbying Form certification, identified in the agencies Funding Opportunity Announcement.
2. Specific project award documents will incorporate the required Standard Forms for Application for Financial Assistance:
  - SF-424 – Application for Financial Assistance
  - SF-424a – Budget for Non-Construction
  - SF-424b – Assurances for Non-Construction
  - SF-424c – Budget for Construction
  - SF-424d – Assurances for Construction

## **ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES**

The following authorizing signatures are attached to this amendment:



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 Massachusetts–Amherst
- T. University of Toledo
- U. University of Vermont and State Agricultural College
- V. University of Wisconsin–Madison
- W. West Virginia University
- X. American Indian Science and Engineering Society
- Y. Great Lakes Commission
- Z. Great Lakes Forest Alliance
- AA. International Association for Great Lakes Research
- BB. Minnesota Department of Natural Resources
- CC. National Council for Air and Stream Improvement, Inc.
- DD. The Nature Conservancy
- EE. Science Museum of Minnesota
- FF. Cleveland State University
- GG. University of Wisconsin–Stevens Point
- HH. Northern Michigan University
- II. Stephen F. Austin State University
- JJ. University of Wisconsin–La Crosse
- KK. Antioch University New England

LL. Cornell University  
MM. Indiana State University  
NN. Purdue University  
OO. University of Notre Dame

**ARTICLE XIV. AMENDMENT 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

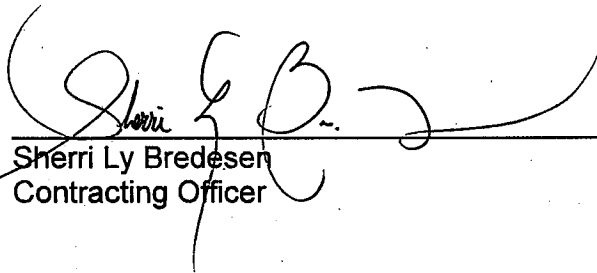
\_\_\_\_\_  
Date

\_\_\_\_\_  
Lisa T. Clayton  
Grants Management Officer

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

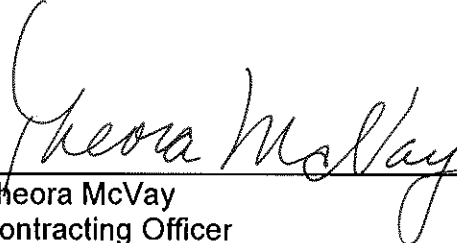
**B. U.S. Geological Survey**

  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

07/12/11  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

  
\_\_\_\_\_  
Theora McVay  
Contracting Officer

7-11-11  
Date

**D. U.S. Fish and Wildlife Service**



Cathy Varatta  
Contracting Officer, Region 3

JUL 06 2011

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

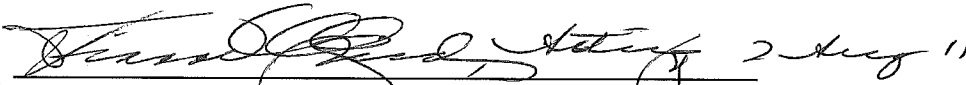
E. U.S. Forest Service

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

8/17/11  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**  
F. Natural Resources Conservation Service

  
\_\_\_\_\_  
Eloris D. Speight Date  
Deputy Chief for Management



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

G. National Aeronautics and Space Administration

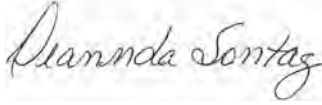
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
[Print Name]  
[Print Title]

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

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



Digitally signed by  
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DN: c=US, o=U.S. Government,  
ou=DoD, ou=PKI, ou=USA,  
cn=SONTAG.DEANNDAS.1230791909  
Date: 2011.07.26 14:57:50 -05'00'

26 July 2011

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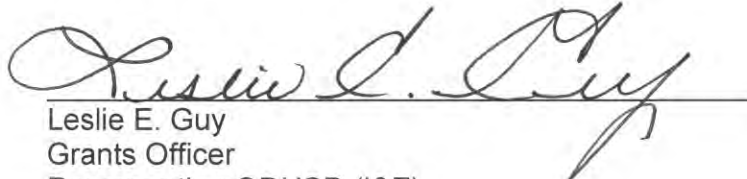
Deanna Sontag  
Grants Officer

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Date

ARTICLE XIV. AMENDMENT 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)

MAY 17, 2011  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

J. University of Minnesota



\_\_\_\_\_  
Kevin McKoskey  
Senior Grants Manager  
Office of Sponsored Projects Administration

7/28/11  
Date



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

7/28/11  
Date

**ARTICLE XIV. AMENDMENT 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.

\_\_\_\_\_  
Donald R. Day  
President

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Indiana University

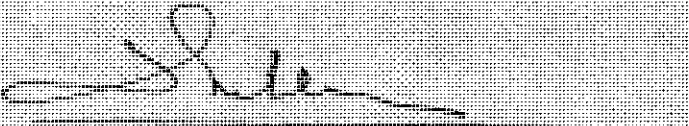
Cheri lost the signature page; emailed the university partner asking for another copy.



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

8/12/2011

Date



Terean Miller  
Assistant Vice President for Research

8-12-2011

Date

**Terean Miller**  
**Manager**  
**Grant Services**

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

M. Michigan State University




\_\_\_\_\_  
Daniel T. Evon  
Director, Contract and Grant Administration

8/14/2011

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

N. Michigan Technological University


  
\_\_\_\_\_  
David D. Reed  
Vice President for Research


7/27/11  
Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

O. Minnesota State University–Mankato

  
\_\_\_\_\_  
Richard J. Straka  
Vice President for Finance and Administration

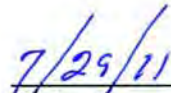
  
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Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

P. Southern University and A&M College



James Llorens, Ph.D.  
Chancellor



Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**


Q. SUNY–College of Environmental Science and Forestry

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

7/25/11  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

R. University of Iowa

  
\_\_\_\_\_  
Twila Fisher Reighley  
Assistant Vice President for Research

8/10/11  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

S. University of Massachusetts–Amherst

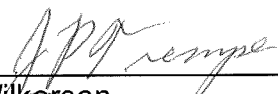

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.


\_\_\_\_\_  
Jennifer A. Donais, CRA  
Associate Director

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Toledo

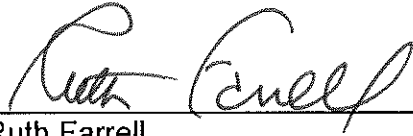
  
\_\_\_\_\_  
~~R. Douglas Wilkerson~~  
~~Vice President for Research Administration~~ 

  
\_\_\_\_\_  
Date

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

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Vermont and State Agricultural College



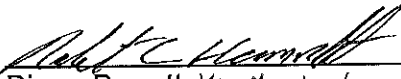
\_\_\_\_\_  
Ruth Farrell  
Associate Vice President for Research Administration

AUG 11 2011

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of Wisconsin-Madison

*for:*   
Diane Barrett Kim Moreland  
Assistant Director, Research and Sponsored Programs  
**Robert C. Heimstreet**  
Managing Officer, Pre-Award  
Research & Sponsored Programs

August 15, 2011  
Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

W. West Virginia University



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

7/27/11  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

X. American Indian Science and Engineering Society

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.

\_\_\_\_\_  
Dwight A. Gourneau  
Director of Professional Development

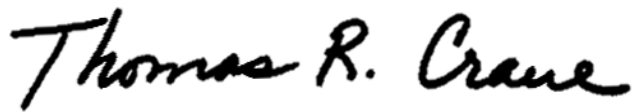
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Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

Y. 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.

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Thomas R. Crane  
Deputy Director

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Date: 08/11/2011

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

Z. 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.

\_\_\_\_\_  
Stefan Bergmann  
Executive Director

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

AA. International Association for Great Lakes Research

A handwritten signature in black ink, appearing to read "Robert J. Letcher", is written over a horizontal line. The signature is stylized and cursive.

~~Lynda D. Conkum~~ Robert J. Letcher  
President

Aug 15, 2011  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

BB. Minnesota Department of Natural Resources

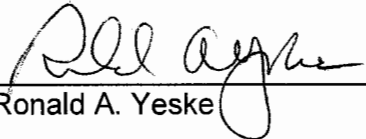
A handwritten signature in black ink, appearing to read "D. Schad", written over a horizontal line.

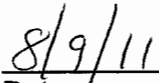
Dave Schad  
Deputy Commissioner

7/29/2011  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

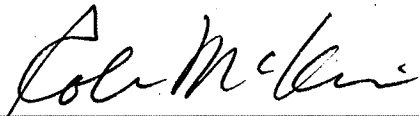
CC. National Council for Air and Stream Improvement, Inc.

  
\_\_\_\_\_  
Ronald A. Yeske

  
\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

DD. The Nature Conservancy



\_\_\_\_\_  
Rob McKim  
Central US Regional Director

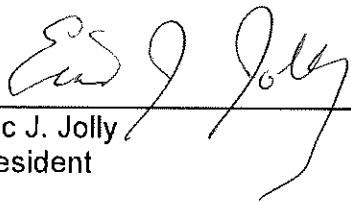
*Aug 18 2011*

\_\_\_\_\_  
Date



ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Science Museum of Minnesota

  
Eric J. Jolly  
President

7/27/11  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

FF. Cleveland State University

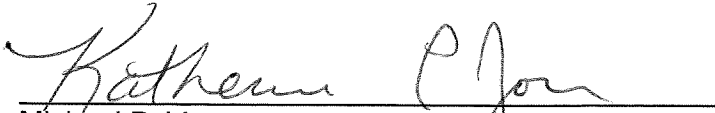
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

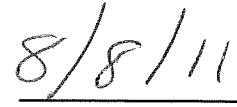
\_\_\_\_\_  
Leo W. Jeffres  
Interim Vice Provost for Research

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. University of Wisconsin-Stevens Point

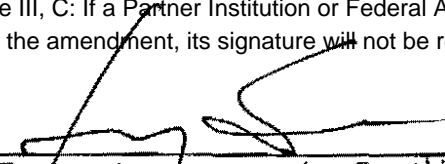
  
\_\_\_\_\_  
~~Michael P. Veum~~ Katherine P. Jore  
Associate Vice Chancellor for Personnel,  
Budget+Grants and ~~Summer Session~~

  
\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

HH. 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.

  
\_\_\_\_\_  
~~Cynthia Prosen~~ Terrance L. Seethoff  
Associate Provost for Academic Affairs

8-16-2011  
Date

  
\_\_\_\_\_  
R. Gavin Leach  
Vice President for Finance and Administration

8.3.11  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

II. Stephen F. Austin State University

  
\_\_\_\_\_  
Baker Pattillo  
President

8-1-11  
\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

JJ. University of Wisconsin-La Crosse



Vijendra K. Agarwal Robert H. Hoar, Interim  
Associate Vice Chancellor for Academic Affairs



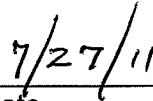
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Antioch University New England



David A. Caruso, Ph.D.  
President



Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

LL. Cornell University



[Print Name]

[Print Title]

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

8/9/11

Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

MM. 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. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

NN. Purdue University

**Purdue University**



\_\_\_\_\_  
[Print Name]  
[Print Title]

**Mark Pearson**  
**Sr. Contract Analyst**

**AUG 17 2011**

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

OO. University of Notre Dame



~~Michael T. Edwards~~  
~~Assistant Vice President / Director, Office of Research~~  
Liz Rulli  
Associate Vice President for Research

7/27/2011  
Date