

**UPPER AND MIDDLE MISSISSIPPI VALLEY  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FIVE TO COOPERATIVE AGREEMENT**

**between**

**DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
U.S. Geological Survey-Biological Resources Division  
National Park Service  
U.S. Fish and Wildlife Service**

**DEPARTMENT OF AGRICULTURE  
Natural Resources Conservation Service**

**DEPARTMENT OF DEFENSE  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)**

**DEPARTMENT OF THE ARMY  
U.S. Corps of Engineers – Civil Works**

**and**

**The Curators of the  
UNIVERSITY OF MISSOURI (HOST)  
Drake University  
Indiana University  
Iowa State University  
Lincoln University  
Southern Illinois University  
Southwest Missouri State University  
University of Illinois  
University of Iowa  
University of Kansas  
University of Minnesota**

**Audubon of Missouri  
Audubon – Upper Mississippi River Campaign  
Conservation Federation of Missouri  
Missouri Botanical Garden  
National Mississippi River Museum and Aquarium  
St. Mary's University of Minnesota**

**Adding**

**University of Notre Dame**

With the exception of the changes below, all terms and conditions of the Upper and Middle Mississippi Valley CESU Agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

**ARTICLE I. BACKGROUND AND OBJECTIVES**

G.4. The University of Notre Dame is included as a Partner Institution in the Upper and Middle Mississippi Valley Cooperative Ecosystem Studies Unit.

**ARTICLE III. TERM OF AGREEMENT**

A.1. The effective date of the Upper and Middle Mississippi Valley CESU Cooperative Agreement is 17 July 2003.

A.3. The effective date of this amendment to the Upper and Middle Mississippi Valley CESU Cooperative Agreement shall be determined from the date of the last signature.

**ARTICLE IV. KEY OFFICIALS**

C.17. The technical representative for the University of Notre Dame is as follows:

Dr. Paul W. Bohn  
Department of Chemical and Biomolecular Engineering  
301 Cushing Hall  
University of Notre Dame  
Notre Dame, IN 46556  
Phone: 547-631-1849  
Fax: 574-631-8366  
Email: pbohn@nd.edu

**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-Biological Resources Division
- C. National Park Service
- D. U.S. Fish and Wildlife Service

U.S. DEPARTMENT OF AGRICULTURE

- E. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

- F. Office of the Deputy Under Secretary of Defense (Installations and Environment)

U.S. DEPARTMENT OF THE ARMY

- G. U.S. Army Corps of Engineers – Civil Works

H. THE CURATORS OF THE UNIVERSITY OF MISSOURI

- I. Drake University
- J. Indiana University
- K. Iowa State University
- L. Lincoln University
- M. Southern Illinois University
- N. Southwest Missouri State University
- O. University of Illinois
- P. University of Iowa
- Q. University of Kansas
- R. University of Minnesota
- S. National Audubon Society, Inc. dba Audubon of Missouri
- T. National Audubon Society, Inc. dba Audubon – Upper Mississippi River Campaign
- U. Conservation Federation of Missouri
- V. Missouri Botanical Garden
- W. National Mississippi River Museum and Aquarium
- X. St. Mary's University of Minnesota
- Y. University of Notre Dame**

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

A. Bureau of Land Management

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

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

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

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

\_\_\_\_\_  
Date

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

C. National Park Service

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

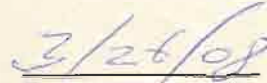
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Date

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

D. U.S. Fish and Wildlife Service




Kenneth E. Kaseforth  
Kenneth E. Kaseforth  
Level II Contracting Officer, Region 3



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service



Katherine C. Gugulis  
Deputy Chief for Management

9/17/08  
Date



**ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)**

F. Department of Defense - Office of the Deputy Under Secretary of Defense  
(Installations and Environment)

\_\_\_\_\_  
Carolyn Comes, Grants Officer  
(Representing ODUSD (I&E))

\_\_\_\_\_  
Date

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

G. Department of the Army, U.S Corps of Engineers-Civil Works

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

\_\_\_\_\_  
Date

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

H. The Curators of the University of Missouri

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

\_\_\_\_\_  
Date

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

I. Drake University

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


\_\_\_\_\_  
Date

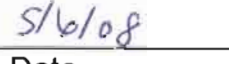
**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

J. Indiana University

  
\_\_\_\_\_  
Stephen A. Wolter  
Executive Director  
Eppley Institute for Parks & Public Lands

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Steven A. Martin  
Associate Vice Provost for Research  
Research Administration

  
\_\_\_\_\_  
Date

**TRACEY LEVY  
CONTRACT ADMINISTRATOR**

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

K. Iowa State University

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

\_\_\_\_\_  
Date

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

L. Lincoln University

*Carolyn R. Mahoney*

Carolyn R. mahoney 4-11-08 President

[Print Name]:            Date

[Print Title]:

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

M. Southern Illinois University

Prudencio M. Rice 4/3/08

**Prudencio M. Rice, Assoc. Vice Chancellor for Research,  
for Fernando M. Treviño, Chancellor, SIUC**

\_\_\_\_\_  
[Print Name]:                      Date  
[Print Title]:



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

N. Missouri State University

JAMES P. BAKER

Vice President for Research  
And Economic Development

4-2-08

[Print Name]: \_\_\_\_\_ Date \_\_\_\_\_

[Print Title]: \_\_\_\_\_

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

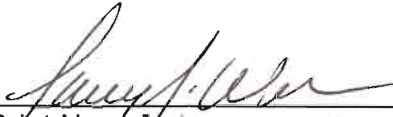
O. University of Illinois

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

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Iowa

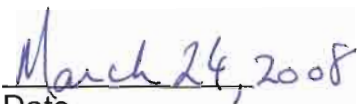
  
\_\_\_\_\_  
[Print Name]: Larry S. Weber  
[Print Title]: Director, IHR- Hydroscience & Engineering  
Professor, Civil and Environmental Engineering

3/22/08  
\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Kansas

  
Barbara Armbrister  
Director, Research Administration

  
Date

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

R. University of Minnesota

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

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. National Audubon Society, Inc. dba Audubon of Missouri

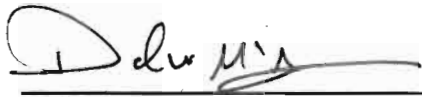


[Print Name]: Roger L Still  
[Print Title]: Vice President

4-30-08  
Date

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

S. National Audubon Society, Inc. dba Audubon of Missouri



4-30-08

[Print Name]:

Date

[Print Title]:

Daniel W McGinness

Director, Conservation Policy

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

T. National Audubon Society, Inc. dba Audubon – Upper Mississippi River Campaign

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

\_\_\_\_\_  
Date



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

U. Conservation Federation of Missouri

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

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Missouri Botanical Garden

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

  
\_\_\_\_\_  
Date

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

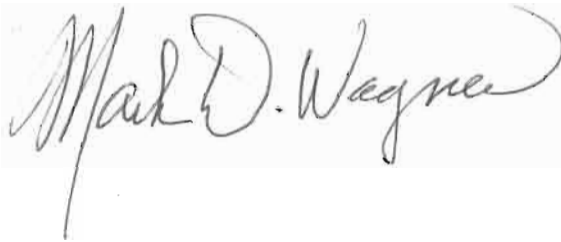
W. National Mississippi River Museum and Aquarium

Mark D. Wagner  
Director of Visitor Experience

[Print Name]:

[Print Title]:

3/27/08  
Date



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

X. St. Mary's University of Minnesota

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

\_\_\_\_\_  
Date

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

Y. University of Notre Dame



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



\_\_\_\_\_  
Date