

**GREAT RIVERS
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT THREE 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
Natural Resources Conservation Service
U.S. Forest Service**

**U.S. DEPARTMENT OF DEFENSE
Office of the Deputy Under Secretary of Defense
(Installations and Environment)
U.S. Army 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
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
University of Notre Dame
Winona State University
National Great Rivers Research and Education Center**

Adding:

University of Memphis

With the exception of the changes below, all terms and conditions of the Great Rivers CESU Cooperative and Joint Venture Agreement apply to this Amendment, and this Amendment is hereby made part of the Agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES

K.3. The University of Memphis is hereby included as a Partner Institution in the Great Rivers Cooperative Ecosystem Studies Unit.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Great Rivers CESU Cooperative and Joint Venture Agreement is 15 July 2008.

A.3. The effective date of this Amendment to the Great Rivers CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

ARTICLE IV. KEY OFFICIALS

C.19. The technical representative for the University of Memphis is:

Judson Finley
Assistant Professor
Department of Earth Sciences
111 Johnson Hall
The University of Memphis
Memphis, TN 38152
Phone: (901) 678-2979
Fax: (901) 678-2178
jfinley2@memphis.edu

Administrative Representative:

Deborah Hernandez
Director, Research Development,
Corporate and Foundation Grants
Administration Building #308
The University of Memphis
Memphis, TN 38152
Phone: (901) 678-2648
Fax: (901) 678-2199
dhernndz@memphis.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
- C. National Park Service
- D. U.S. Fish and Wildlife Service

U.S. DEPARTMENT OF AGRICULTURE

- E. Natural Resources Conservation Service
- F. U.S. Forest Service

U.S. DEPARTMENT OF DEFENSE

- G. Office of the Deputy Under Secretary of Defense (Installations and Environment)
- H. U.S. Army Corps of Engineers – Civil Works

I. THE CURATORS OF THE UNIVERSITY OF MISSOURI

- J. Drake University
- K. Indiana University
- L. Iowa State University
- M. Lincoln University
- N. Southern Illinois University
- O. Missouri State University
- P. University of Illinois
- Q. University of Iowa
- R. University of Kansas
- S. University of Minnesota
- T. National Audubon Society, Inc. dba Audubon of Missouri
- U. National Audubon Society, Inc. dba Audubon – Upper Mississippi River Campaign
- V. Conservation Federation of Missouri
- W. Missouri Botanical Garden

- X. National Mississippi River Museum and Aquarium
- Y. St. Mary's University of Minnesota
- Z. University of Notre Dame
- AA. Winona State University
- BB. National Great Rivers Research and Education Center
- CC. University of Memphis**

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.

Timothy R. Spisak
Acting State Director, Eastern States

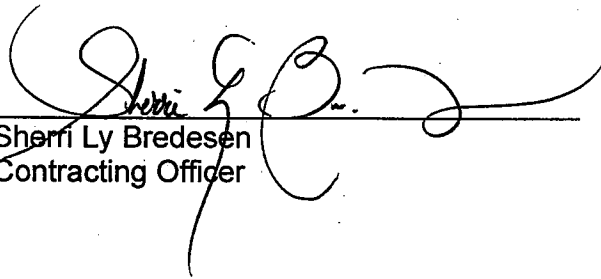
Date

Lisa T. Clayton
Grants Management Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey

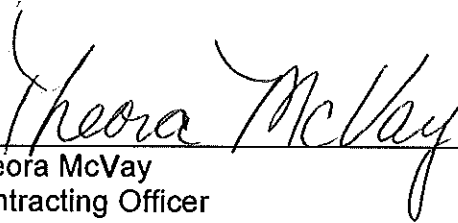


Sherri Ly Bredesen
Contracting Officer

05/17/11
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service




Theora McVay
Contracting Officer

5-24-11
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

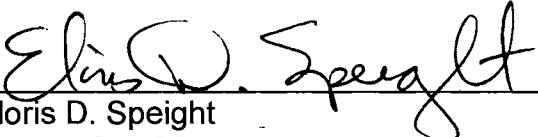
D. U.S. Fish and Wildlife Service


~~Elaine M. DeGroot~~ *LAURETHA RANDLE*
Contracting Officer, Region 3

5/23/11
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service



Eloris D. Speight
Deputy Chief for Management

5-25-11
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service



David Garrison

David Garrison
Grants and Agreements Specialist
Northern Research Station

5/19/11
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

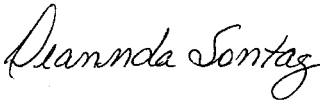
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Leslie E. Guy
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



Digitally signed by
SONTAG.DEANNDAS.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SONTAG.DEANNDAS.1230791909
Date: 2011.06.21 12:51:24 -05'00'

21 June 2011

Deanna Sontag
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

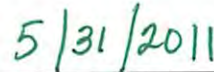
I. The Curators of the University of Missouri



Karen M. Geren

Authorized Signer, Grants & Contractors

Office of Sponsored Programs Administration



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Drake 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.)

K. Indiana University

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[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)


L. Iowa State University

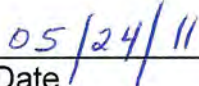

Tammy Polaski
Associate Director
Office of Sponsored Programs Administration
Iowa State University

5/17/11
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Lincoln University


[Print Name]: Carolyn R. Mahoney
[Print Title]: President


Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Southern Illinois 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.)

O. Missouri State University

James P. Baker
[Print Name]: James Baker, PhD
[Print Title]: VP for Research & Economic Development
Date 5/19/11

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Illinois

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.)

Q. University of Iowa

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[Print Name]:

[Print Title]:

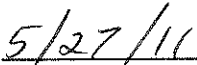
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Kansas



[Print Name]:
[Print Title]: Joanne Altieri, Director
Research Administration



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University 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.

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

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.)

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

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.)

V. Conservation Federation of Missouri

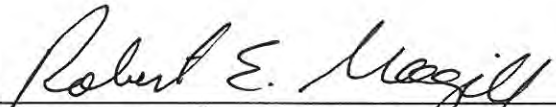
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Missouri Botanical Garden

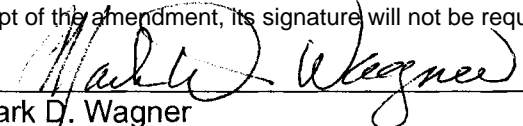

[Print Name]: ROBERT E. MAGILL
[Print Title]: SR. VICE-PRESIDENT, SCIENCE &
CONSERVATION


Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. National Mississippi River Museum and Aquarium

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.




Mark D. Wagner
Education Director

5/16/2011
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. St. Mary's University of Minnesota



[Print Name]: Barry Drazkowski
[Print Title]: Executive Director
GeoSpatial Services
University Representative

May 16, 2011

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. University of Notre Dame



Liz Rulli
Associate Vice President for Research

May 16, 2011
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Winona 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.

W. Harold Ornes
Dean, College of Science and Engineering

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. National Great Rivers Research and Education Center


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John Chick
Field Station Director

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. University of Memphis



5/11/10

[Print Name]: Andrew Meyers
[Print Title]: vice Provost for Research

Date