

**GREAT RIVERS
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT ONE 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 Missouri
Audubon Minnesota (formerly Upper Miss. 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
University of Memphis**

Adding:

Farm Service Agency

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

ARTICLE I. BACKGROUND AND OBJECTIVES

- A.1. The USDA Farm Service Agency (FSA) is hereby included in the Great Rivers CESU as a Federal Agency Partner.

- M. The mission of the Farm Service Agency (hereinafter called FSA) is to equitably serve all farmers, ranchers, and agricultural partners through the delivery of effective, efficient agricultural programs for all Americans. FSA administers the Conservation Reserve Program (CRP) on behalf of the Commodity Credit Corporation (CCC). The CRP is a voluntary program for agricultural landowners. The CRP provides annual rental payments, technical assistance, and cost-share assistance to landowners who establish long-term, resource conserving covers on eligible farmland. To accomplish its mission, FSA has established the Monitoring, Assessment, and Evaluation Project (MAE) to employ sound science to qualify CRP impacts on ecosystem services including: water quality, wildlife habitat, carbon sequestration, soil productivity, and hydrologic storage. FSA, under 7 U.S.C. § 2204b(b)(4), and CCC, under 15 U.S.C. § 714b(g), is authorized to enter into this cooperative agreement continuing the Great Rivers CESU to assist in providing research, technical assistance and education.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the Great Rivers CESU Cooperative and Joint Venture Agreement is 15 July 2013.

- A.2. 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 to this Amendment.

ARTICLE IV. KEY OFFICIALS

A.9. The technical representative for the Farm Service Agency is:

Skip Hyberg
Senior Agricultural Economist
Economic and Policy Analysis Staff
USDA Farm Service Agency
Room 3730, South Ag Building
1400 Independence Ave, SW
Washington, DC 20250
Phone: (202) 720-9222
Fax: (202) 720-9617
skip.hyberg@wdc.usda.gov

ARTICLE V. AWARD

A.1. Upon signature of all parties to this amendment, the Farm Service Agency will commit \$10,000 in funds to the Great Rivers CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.

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
- F. U.S. Forest Service
- G. Farm Service Agency**

U.S. DEPARTMENT OF DEFENSE

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

- J. THE CURATORS OF THE UNIVERSITY OF MISSOURI (Host)
- K. Drake University
- L. Indiana University
- M. Iowa State University
- N. Lincoln University
- O. Southern Illinois University
- P. Missouri State University
- Q. University of Illinois
- R. University of Iowa
- S. University of Kansas
- T. University of Minnesota
- U. National Audubon Society, Inc. dba Audubon Missouri
- V. National Audubon Society, Inc. dba Audubon Minnesota
- W. Conservation Federation of Missouri
- X. Missouri Botanical Garden
- Y. National Mississippi River Museum and Aquarium
- Z. St. Mary's University of Minnesota
- AA. University of Notre Dame
- BB. Winona State University
- CC. National Great Rivers Research and Education Center
- DD. University of Memphis

ARTICLE XIV. 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 G. Lyon
State Director, Eastern States

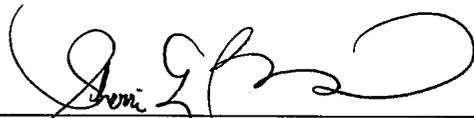
Date

Lisa T. Clayton
Grants Management Officer

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

01/31/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

C. National Park Service

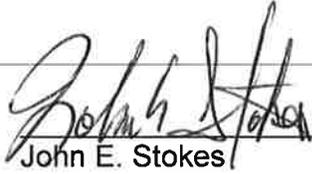
Digitally signed by CATHERINE SCHROEDER
DN: c=US, o=U.S. Government, ou=Department of the
Interior, ou=National Park Service, cn=CATHERINE
SCHROEDER, 0.9.2342.19200300.100.1.1=14001002052640
Date: 2014.03.18 08:01:17 -05'00'

Catherine Schroeder
Grants and Agreements Officer

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service



John E. Stokes
Chief Contracting Officer, Region 3

1/24/2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service



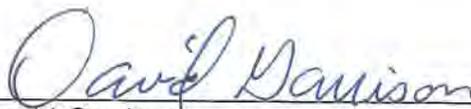
Gayle N. Barry
Deputy Chief for Management

2/12/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. U.S Forest Service

The authority and format of this instrument has been reviewed and approved for signature.

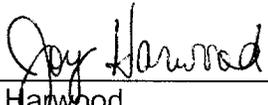


David Garrison
Grants and Agreements Specialist
Northern Research Station

1/30/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

G. Farm Service Agency



Joy Harwood
Director, Economic and Policy Analysis Staff

1/9/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

ROBICHEAUX.TRA
CI.D.1260353990

Digitally signed by
ROBICHEAUX.TRA.CI.D.1260353990
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=ROBICHEAUX.TRA.CI.D.1260353990
Date: 2014.01.27 08:12:29 -06'00'

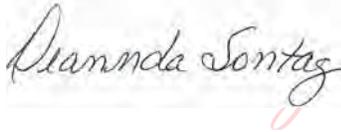
27 Jan 2014

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

I. 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: 2014.01.24 12:14:46 -06'00'

Deanna Sontag
Grants Officer

24 Jan 2014

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

J. The Curators of the University of Missouri

Karen M. Geren

Karen M. Geren
Submissions Specialist

03-17-2014
Date

MU Project# C00045833 > C00043206

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

K. Drake University

This partner is inactive.

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

L. Indiana 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.

Anne Klarich
Contract Officer

Date

Stephen A. Wolter
Executive Director
Eppley Institute for Parks & Public Lands
Indiana University

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

M. Iowa State University

A handwritten signature in cursive script that reads "John D. Lawrence". The signature is written over a horizontal line.

John D. Lawrence
Associate Dean, College of Agriculture and Life Sciences
Director, Agriculture and Natural Resources Extension

A handwritten date "2/10/14" written in cursive script over a horizontal line. The word "Date" is printed below the line.

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. Lincoln University

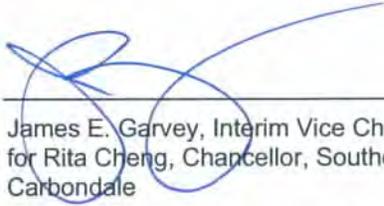
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Dr. Kevin D. Rome
President

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

O. Southern Illinois University



James E. Garvey, Interim Vice Chancellor for Research
for Rita Cheng, Chancellor, Southern Illinois University
Carbondale

1/29/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. Missouri State University (formerly Southwest Missouri State University)



Dr. James Baker
Vice President, Research and Economic Development

1-27-14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. The Board of Trustees of the University of Illinois

Walter K. Knorr
Walter K. Knorr
Comptroller

1/31/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R University of Iowa

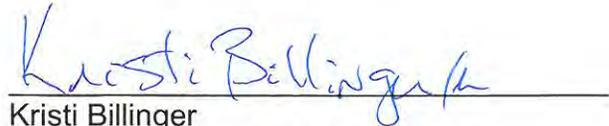
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Jennifer Lasner
Executive Director
Division of Sponsored Programs

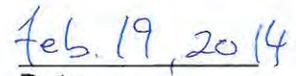
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. University of Kansas



Kristi Billinger
Director, Research Administration



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. 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.

Kevin McKoskey
Senior Grants Manager
Office of Sponsored Projects Administration

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. National Audubon Society, Inc. dba Audubon 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.

Patricia Hagan, PhD
Vice President/Executive Director, Audubon Missouri
Executive Director, The Audubon Center at Riverlands

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

V. National Audubon Society, Inc. dba Audubon 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.

Matthew Anderson
Executive Director

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. Conservation Federation of Missouri

This partner is inactive.

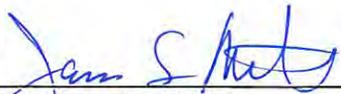
[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

X. Missouri Botanical Garden

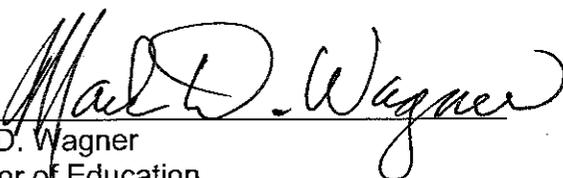


Dr. James S. Miller
Senior Vice President, Science and Conservation

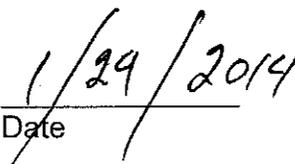
28 Jan 2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Y. National Mississippi River Museum and Aquarium



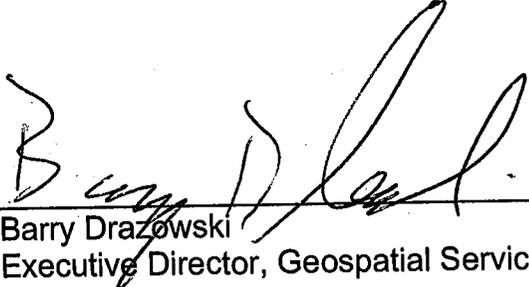
Mark D. Wagner
Director of Education



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Z. St. Mary's University of Minnesota



Barry Drazowski
Executive Director, Geospatial Services

1/24/2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AA. University of Notre Dame



Greg Lutrell
Director, Research Contracts and Awards

JAN 27 2014
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BB. Winona State University

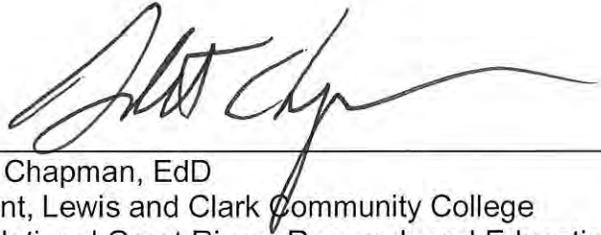


Charla S. Miertschin
Interim Dean, College of Science and Engineering

2/12/14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

CC. National Great Rivers Research and Education Center

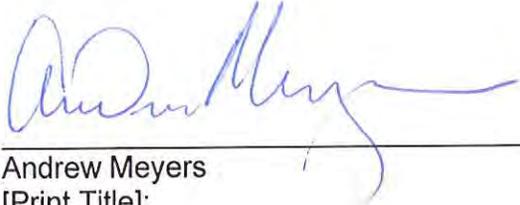
A handwritten signature in black ink, appearing to read "Dale T. Chapman", written over a horizontal line.

Dale T. Chapman, EdD
President, Lewis and Clark Community College
Chair, National Great Rivers Research and Education Center

1-27-14
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. University of Memphis



Andrew Meyers
[Print Title]:

1/24/14
Date