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
Farm Service Agency

U.S. DEPARTMENT OF DEFENSE
Office of the Assistant Secretary of Defense
(Energy, 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
Adding:
Saint Louis University

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

L.2. Saint Louis University is hereby included in the Great Rivers CESU as a Partner Institution.

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

C.22. The technical representative for the Saint Louis University is:

Amanda Cox
Assistant Professor
McDonnell Douglas Hall
Saint Louis University
St. Louis, MO 63103
Phone: (314) 977-8324
coxal@slu.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
F. U.S. Forest Service
G. Farm Service Agency

U.S. DEPARTMENT OF DEFENSE
H. Office of the Assistant Secretary of Defense (Energy, 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
EE. Southeast Missouri State University
FF. Saint Louis University
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.

Karen Mouritsen
State Director
Eastern States Office

Eddie W. Bell, Jr.
Grants Management Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey

[Signature]
Sherri Ly Bredesen
Contracting Officer

11/30/14
Date
C. National Park Service

JULIE
HENDRICKS

Digitally signed by JULIE HENDRICKS
Date: 2016.11.28 09:09:36
-06'00'

Julie Hendricks
Grants and Agreements Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service

Daniel D. Lovdahl
Grants Management Specialist
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service

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.

Kasey Taylor
Acting Deputy Chief S&T

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S Forest Service

David Garrison
Grants and Agreements Specialist
Northern Research Station

12/01/16
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Farm Service Agency

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.

__________________________________________  ______________
Joy Harwood  Date
Director, Economic and Policy Analysis Staff
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Office of the Assistant Secretary of Defense
   (Energy, Installations, and Environment)

_DIGuely signed by
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DN: c=US, o=U.S. Government, ou=DoD,
   ou=PKI, ou=OTHER,
   cn=DALSIMER.ALLYN.ANN.1284843602
Date: 2016.11.23 14:05:16 -05'00'

Alison A. Dalsimer
Director, DoD Natural Resources Program

Date
I. U.S. Army Corps of Engineers-Civil Works

WHITTEN.CHELSEA.M.1139493768
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DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=WHITTEN.CHELSEA.M.1139493768
Date: 2016.11.28 13:02:22 -06'00'

Chelsea Whitten
Lead Contract Specialist
ERDC Contracting Office
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. The Curators of the University of Missouri (HOST)

Karen M. Geren
Authorized Signer, Grants and Contracts

MU Project# C00043206

01/11/2017
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Drake University

[Print Name]: Mary Pat Wohlford, Ph.D
[Print Title]: Director, Research & Sponsored Programs

12-13-16
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Indiana University

Stephen A. Wolter  
Executive Director, Eppley Institute for Parks and Public Lands  
12/06/2016  
Date

Teresa Miller  
Manager Grant Services  
12/12/16  
Date

Anne Klarich  
Contract Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Iowa State University

[Signature]
Tammy Polaski  
Associate Director  
Office of Sponsored Programs Administration

12/13/16
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Lincoln University

Name: Dr. Kevin D. Rome
Title: President

Date: 12/20/16
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Southern Illinois University

James E. Garvey  
Interim Vice Chancellor for Research  
For Brad Colwell, Interim Chancellor

12/13/14
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Missouri State University

Dr. James Baker
Vice President, Research and Economic Development

Date: 12-14-16
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. The Board of Trustees of the University of Illinois

[Signature]
Walter K. Knorr
Comptroller

[Date]

1/1/17
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Iowa

Wendy Beaver  
Executive Director  
Division of Sponsored Programs

1/5/2017
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Kansas

Alicia M. Reed
Interim Director, Research Administration

Dec. 15, 2016
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Minnesota

[Signature]

Kevin McKoskey
Director
Office of Sponsored Projects Administration

1/5/17
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. National Audubon Society, Inc. dba Audubon Missouri
   Audubon Center at Riverlands

[Signature]

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

Ken Buchholz, Director
Audubon Center at Riverlands

1-03-17
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. National Audubon Society, Inc. dba Audubon Minnesota

[Signature]
Matthew Anderson  Molly Pederson
Executive Director

[Date]
1/4/117
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Conservation Federation of Missouri

[Print Name]: Brandon Butler
[Print Title]: Executive Director

Date: 12/01/16
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Missouri Botanical Garden

[Signature]

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

[Signature]

Date: 5 Dec 2014
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. National Mississippi River Museum and Aquarium

Mark D. Wagner
Director of Education

12-15-2016
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. St. Mary’s University of Minnesota

[Signature]
Benjamin Murray
Vice President for Financial Affairs

1-4-17
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. University of Notre Dame

__________________________________________________________________________

Greg Lutrell  12/13/2016
Director, Research Contracts and Awards  Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. Winona State University

[Signature]
Charla S. Miertschin
Dean, College of Science and Engineering

12/30/16
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. National Great Rivers Research and Education Center

Dale T. Chapman, EdD
President, Lewis and Clark Community College
Chair, National Great Rivers Research and Education Center
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. University of Memphis

Andrew Meyers  
Vice President, Research & Sponsored Programs  

12/12/2016  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Southeast Missouri State University

Kathy M. Mangels
Vice President Finance and Administration

Date 12/13/16
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

FF. Saint Louis University

Kevin Leslie

Kevin S. Leslie, JD
Assistant Director, OSPA

Digitally signed by Kevin Leslie
DN: cn=Kevin Leslie, o=Saint Louis University,
ou=Office of Sponsored Programs
Administration, email=kleslie4@slu.edu, c=US
Date: 2016.12.02 14:21:34 -06'00'

12/2/2016
Date