

Agreement Number(s)
BIA # no number issued
BLM # BLM-GRRI-CESU-2018
FWS # FWS-GRRI-CESU-2018
USGS # G18AC00272
NPS # NPS-GRRI-CESU-2018
FSA # no number issued
USFS # 18-JV-11242311-093
USFS # 19-CS-11090100-029
NRCS # 68-3A75-18-504
DOD # no number issued
USACE # no number issued

**GREAT RIVERS
COOPERATIVE ECOSYSTEM STUDIES UNIT
AMENDMENT ONE TO
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

**U.S. DEPARTMENT OF THE INTERIOR
Bureau of Indian Affairs
Bureau of Land Management
U.S. Fish and Wildlife Service
U.S. Geological Survey
National Park Service**

**U.S. DEPARTMENT OF AGRICULTURE
Farm Service Agency
U.S. Forest Service
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE
Office of the Assistant Secretary of Defense for Sustainment
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
Missouri State University
Saint Louis University
Saint Mary's University of Minnesota
Southeast Missouri State University
Southern Illinois University
Southern Illinois University Edwardsville
The Board of Trustees of the University of Illinois
University of Iowa
University of Kansas
University of Memphis
University of Minnesota
University of Notre Dame**

**University of Wisconsin–Extension
Winona State University
Audubon Minnesota
Audubon Missouri
Conservation Federation of Missouri
Missouri Botanical Garden
National Great Rivers Research and Education Center
National Mississippi River Museum and Aquarium**

**Adding:
Arkansas Tech University
Missouri River Bird Observatory**

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

I.0. Section I. (U.S. Forest Service) is hereby amended and restated in its entirety as follows:

I. U.S. Forest Service. The U.S. Department of Agriculture Forest Service (hereinafter called USFS) mission is to achieve quality land management under the sustainable multiple-use management concept to meet the diverse needs of the people (16 U.S.C. §§ 1641-1646). In accordance with 7 U.S.C. § 3318(b), the USFS is authorized to enter into a joint venture agreement to assist in providing agricultural research and teaching activities. In accordance with the Interior and Related Agencies Appropriations Act of 1992 (Pub. L. 102-154), the USFS is authorized to enter into Challenge Cost-Share Agreements to cooperate with others in developing, planning, and implementing mutually beneficial projects that enhance Forest Service activities, where the cooperators provide matching funds or in-kind contributions. In accordance with Wyden Amendment (Pub. L. 105-277, Section 323 as amended by Pub. L. 109-54, Section 434), the USFS is authorized to enter into Cooperative Agreements or Participating Agreements for the protection, restoration, and enhancement of fish and wildlife habitat, and other natural or cultural resources on public or private land; the reduction of risk for natural disaster where public safety is threatened; or a combination of both. Wyden Amendment agreements must provide a benefit to the natural or cultural resources on National Forest System lands within the watershed. In accordance with the aforementioned authorities, the USFS is authorized to enter into this Agreement to continue the Great Rivers CESU to promote, conduct, and provide research, studies, assessments, monitoring, technical assistance, and education. National Forest System funds are not authorized for research activities.

- N.1. Arkansas Tech University and the Missouri River Bird Observatory are hereby included in the Great Rivers CESU as Partner Institutions.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the Great Rivers CESU Cooperative and Joint Venture Agreement is 15 July 2018.
- 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.7. The representatives for the U.S. Forest Service are hereby amended as follows:

Technical Representative(s)

Daniel C. Dey
Project Leader
Northern Research Station
U.S. Forest Service
202 ABNR Bldg
University of Missouri
Columbia, MO 65211
Phone: (573) 875-5341 ext 225
daniel.c.dey@usda.gov

Greg Nowacki
Regional Ecologist
U.S. Forest Service, Eastern Region
National Forest System
626 E. Wisconsin Avenue
Milwaukee, WI 53202
Phone: (414) 297-1977
greg.nowacki@usda.gov

Administrative Representative(s)

David Garrison
Grants Management Specialist
Northern Research Station
U.S. Forest Service
1992 Folwell Avenue
St. Paul, MN 55108

Phone: (651) 649-5206
david.garrison@usda.gov

Mike Rogers
Grants Management Specialist
U.S. Forest Service, Eastern Region
National Forest System
401 Fairgrounds Road
Rolla, MO 65401
Phone: (573) 341-7477
michael.k.rogers@usda.gov

- B.0. The technical representative for the Host University, The Curators of the University of Missouri (on behalf of the University of Missouri), is hereby amended as follows:

Technical Representative(s)

Dr. Patrick Market
Director, Great Rivers CESU
Professor and Director
The School of Natural Resources
103 Anheuser-Busch Natural Resources Building
University of Missouri
Columbia, MO 65211
Phone: (573) 882-1496
MarketP@missouri.edu

- C.25. The representatives for Arkansas Tech University are as follows:

Technical Representative(s)

Dr. Thomas E. Nupp
Program Director and Professor
Fisheries and Wildlife Science
Arkansas Tech University
1701 North Boulder Avenue
Russellville, AR 72801
Phone: (479) 968-0313
tnupp@atu.edu

Administrative Representative(s)

Greg Crouch
Director, Grants and Sponsored Programs
Office of Sponsored Programs and University Initiatives
Administration Building, Room 207
Arkansas Tech University

1509 North Boulder Avenue
Russellville, AR 72801
Phone: (479) 880-4329
gcrouch@atu.edu

C.26. The representatives for the Missouri River Bird Observatory are as follows:

Technical Representative(s)

Dana Ripper
MRBO Director
Missouri River Bird Observatory
39250 Highway 41 North
PO Box 16
Arrow Rock, MO 65320
Phone: (660) 837-3888
dana.ripper@mrbo.org

Administrative Representative(s)

Ethan Duke
Co-Founder/Director
Missouri River Bird Observatory
39250 Highway 41 North
PO Box 16
Arrow Rock, MO 65320
Phone: (660) 837-3888
ethan.duke@mrbo.org

ARTICLE V. AWARD

C.0. Section C.1. is hereby amended and restated in its entirety as follows:

C.1. For USFS Research (e.g., Northern Research Station), the USFS cannot reimburse "state cooperative institutions" for indirect costs, pursuant to 7 U.S.C. § 3103(18) and 7 U.S.C. § 3319. Indirect costs may be used to satisfy USFS cost sharing requirements of at least a minimum of 20% of total project costs. It is recommended that cost-sharing is greater than 20% in accordance with the Forest Service Handbook FSH1509.11, Chapter 70.

For USFS, Eastern Region – National Forest System (Partnership Agreements), indirect cost rate of 17.5% identified in the CESU agreement applies and can be reimbursed to the partner. Indirect costs may be used to satisfy a portion of USFS cost-share matching requirements as long as there are other direct cost and/or in-kind contributions, such as volunteer labor. Indirect costs cannot make up a majority of the USFS cost-share matching requirements. Partner cost-share matching contributions are negotiated for each agreement on its own merits, to

attempt to negotiate a dollar-for-dollar cost-share match. Partner cost-share matching contributions cannot be less than 20% of total project costs.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

Per Article III. C., the following authorizing signatures are attached:

- G. U.S. Forest Service
- K. THE CURATORS OF THE UNIVERSITY OF MISSOURI (HOST)
- JJ. Arkansas Tech University
- KK. Missouri River Bird Observatory

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service

DAVID GARRISON

Digitally signed by DAVID
GARRISON
Date: 2019.10.01 06:11:11 -05'00'

David Garrison
Grants Management Specialist
U.S. Forest Service, Northern Research Station

Date



Robert Lueckel
Acting Regional Forester
U.S. Forest Service, Eastern Region

10-7-2019

Date

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



Mike Rogers
Grants Management Specialist
U.S. Forest Service, Eastern Region
FS Agreement #19-CS-11090100-029

9/30/19

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. THE CURATORS OF THE UNIVERSITY OF MISSOURI (HOST)

Michelle L. Leaton

9/30/2019

Michelle L. Leaton
Assistant Pre-Award Manager and Authorized Signer – 00064044

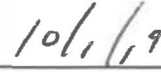
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. Arkansas Tech University



Bernadette Hinkle
ATU Vice President of Administration and Finance



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Missouri River Bird Observatory



Dana Ripper
Director, MRBO

22 September 2019

Date