

**GREAT PLAINS
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT THREE TO
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

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

**DEPARTMENT OF AGRICULTURE
Forest Service
Natural Resources Conservation Service**

**DEPARTMENT OF THE ARMY
US Army Corps of Engineers – Civil Works**

and

**UNIVERSITY OF NEBRASKA - LINCOLN (HOST)
Black Hills State University
Colorado State University
Kansas State University
Langston University
North Dakota State University
South Dakota State University
Texas A&M University
University of Minnesota
University of North Dakota
University of Oklahoma
University of South Dakota
University of Wyoming
Emporia State University
New Mexico Highlands University**

Adding

South Dakota School of Mines and Technology

With the exception of the changes below, all terms and conditions of the Great Plains 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

M.2. The South Dakota School of Mines and Technology is included in the Great Plains CESU as a Partner Institution.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Great Plains Cooperative Agreement is 5 October 2005.

A.4. The effective date of this amendment to the Great Plains CESU Cooperative Agreement shall be determined from the date of the last signature.

ARTICLE IV. KEY OFFICIALS

C.15. The technical representative for the South Dakota School of Mines and Technology is:

Dr. Pallaoor V. Sundareshwar
Director, Biogeochemistry Core Facility
State Carbon Scientist and Assistant Professor
Chair, Atmospheric and Environmental Sciences, Ph.D. Program Committee
Institute of Atmospheric Sciences
South Dakota School of Mines and Technology
510 East St. Joseph Street
Rapid City, SD 57701
Phone: 605-394-2492
Fax: 605-394-6061
pvs@sdsmt.edu

Administrative Representative:

L. Eric James II, JD MS
Director, Office of Sponsored Programs
Office of Research Affairs
South Dakota School of Mines and Technology
510 East St. Joseph Street
Rapid City, SD 57701
Phone: 605-394-1205
Fax: 605-394-5360
eric.james@sdsmt.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. Bureau of Reclamation
- C. U.S. Geological Survey
- D. National Park Service
- E. U.S. Fish and Wildlife Service

U.S. DEPARTMENT OF AGRICULTURE

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

U.S. DEPARTMENT OF THE ARMY

- H. US Army Corps of Engineers-Civil Works

- I. UNIVERSITY OF NEBRASKA-LINCOLN (Host)
- J. Black Hills State University
- K. Colorado State University
- L. Langston University
- M. Kansas State University
- N. North Dakota State University
- O. South Dakota State University
- P. Texas A&M University
- Q. University of Minnesota
- R. University of North Dakota
- S. University of Oklahoma
- T. University of South Dakota
- U. University of Wyoming
- V. Emporia State University
- W. New Mexico Highlands University
- X. South Dakota School of Mines and Technology**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Lee Karklins Powers

7-14-08

[Print Name]: LEE KARKLINS POWERS

Date

[Print Title]: CONTRACT SPECIALIST
(GRANTS & AGREEMENTS)

[Print Name]:

Date

[Print Title]:

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

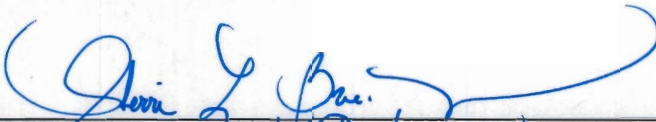
B. Bureau of Reclamation

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey


[Print Name]: Sheri L. Bredesen
[Print Title]: Contracting Officer

07/15/08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S. Fish and Wildlife Service

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. USDA Forest Service

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Michael D. Lee


[Print Name]:
[Print Title]:

22 July 2008

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. University of Nebraska-Lincoln (Host)



[Print Name]:
[Print Title]:

Jeanne Wicks
Director, Office of Sponsored Programs

7-21-8
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Black Hills State University

Holly Downey
[Print Name]: / Holly Downey
[Print Title]: Dean, College of Arts + Sciences

7-14-08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Colorado State University

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Langston University

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Kansas State University



[Print Name]: **Paul R. Lowe**
[Print Title]: **Assistant Vice President for Research**


Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. North Dakota State University



[Print Name]:

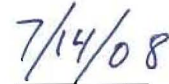
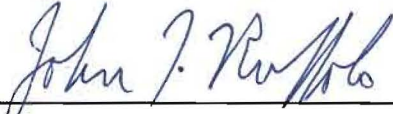
[Print Title]:

Valrey V. Kettner
Associate Vice President
Office of Sponsored Programs Administration

07/25/08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. South Dakota State University



[Print Name]:

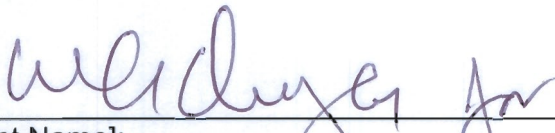
Date

[Print Title]:

John J. Ruffolo, PhD
Assoc. VP for Research

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Texas A&M University




[Print Name]:
[Print Title]: Mark A. Hussey, Director



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Minnesota



Kevin McKoskey
Senior Grants Manager
Office of Sponsored Projects Administration

8/1/08

Date




Dorothy H. Anderson, Ph.D.
Coordinator, Great Lakes-Northern Forest CESU

21 July 2008

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of North Dakota



[Print Name]:
[Print Title]: **Barry Milavetz**
Associate Vice President for Research

7/15/08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Oklahoma



7/24/08

[Print Name]:


Date

[Print Title]:

Andrea Deaton, CRA
Executive Director
Office of Research Services

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

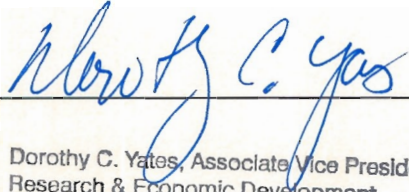
T. University of South Dakota


[Print Name]: Laura Janski
[Print Title]: Vice President for Research

8.15.08
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Wyoming



[Print Name]:

Date

[Print Title]:

Dorothy C. Yates, Associate Vice President
Research & Economic Development
University of Wyoming

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Emporia State University

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. New Mexico Highlands University

Linda S. LaGrange

8/6/08

[Print Name]:

Linda S. LaGrange, Ph.D.

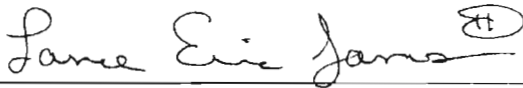
Date

[Print Title]:

Associate Vice President Academic Affairs

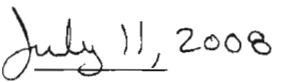
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. South Dakota School of Mines and Technology

A handwritten signature in cursive script that reads "Lance Eric James II". The signature is written in black ink and is positioned above a horizontal line. The "II" is written in a small circle.

Lance Eric James II

Director, Office of Sponsored Programs

A handwritten date in cursive script that reads "July 11, 2008". The date is written in black ink and is positioned above a horizontal line.

Date