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

ILZE KARKLINS-POWERS
CONTRACT SPECIALIST
(GRANTS & AGREEMENTS)

7-14-08
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]: [Sign Here]
[Print Title]: [Sign Here]
[Print Date]: 07/15/06

Contracting Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

__________________________ ______________________
[Print Name]: Date
[Print Title]:

__________________________
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S. Fish and Wildlife Service

______________________________   ________
[Print Name]:     Date
[Print Title]:
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. USDA Forest Service

[Print Name]: ___________________________   Date
[Print Title]:
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

[Signature]

[Print Name]:
[Print Title]:

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. University of Nebraska-Lincoln (Host)

[Print Name]: Jeanne Wicks
[Print Title]: Director, Office of Sponsored Programs

7-21-08
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Black Hills State University

[Print Name]: Holly Dowling
[Print Title]: Dean, College of Arts & Sciences

Date: 7-14-05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Colorado State University

[Print Name]: __________________________ Date _____________
[Print Title]: __________________________
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Langston University

[Print Name]: [Print Title]: Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Kansas State University

[Signature]

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

Date: 7/16/08
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. North Dakota State University

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

[Print Name]:
[Print Title]:

07/25/08
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. South Dakota State University

[Signature]

[Print Name]: John J. Ruffolo, PhD
[Print Title]: Assoc. VP for Research

[Date]: 7/14/08

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Texas A&M University

[Signature]

[Print Name]: Mark A. Hussey, Director

[Date]: 6 Aug 08

[Print Title]:
Q. University of Minnesota

Kevin McKoskey
Senior Grants Manager
Office of Sponsored Projects Administration

Date: 3/11/08

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

Date: 3/11/08
R. University of North Dakota

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

Date: 7/15/08
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Oklahoma

[Signature]

[Print Name]: Andrea Deaton, CRA
[Print Title]: Executive Director
[Office of Research Services]

7/24/08

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of South Dakota

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

8/15/08

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Wyoming

[Print Name]: Dorothy C. Yates
[Print Title]: Associate Vice President
               Research & Economic Development
               University of Wyoming

[Date]: 7/16/03
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Emporia State University

[Print Name]: Date
[Print Title]:
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. New Mexico Highlands University

[Print Name]: Linda S. LaGrange, Ph.D.
[Print Title]: Associate Vice President Academec Affairs

Date: 8/6/08
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. South Dakota School of Mines and Technology

Lance Eric James II
Director, Office of Sponsored Programs

July 11, 2008
Date