GREAT BASIN
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT FIVE TO
COOPERATIVE and JOINT VENTURE AGREEMENT

between

DEPARTMENT OF THE INTERIOR
  Bureau of Land Management
  U.S. Geological Survey
  National Park Service

DEPARTMENT OF AGRICULTURE
  U.S. Forest Service
  Natural Resources Conservation Service

and

UNIVERSITY OF NEVADA - RENO (HOST)
  Utah State University
  Boise State University
  California State University - Fresno
  Desert Research Institute
  D-Q University
  Great Basin College
  Haskell Indian Nations University
  Idaho State University
  Oregon State University
  University of Nevada - Las Vegas
  University of Utah
  White Mountain Research Station

Adding
  Brigham Young University
  University of Idaho

With the exception of the changes below, all terms and conditions of the Great Basin 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
H.3.  Brigham Young University and University of Idaho are included in the Great Basin CESU as Partner Institutions.

ARTICLE III.  TERMS OF THE AGREEMENT
A.1.  The effective date of the Great Basin CESU cooperative and joint venture agreement is 7 August 2001.

A.7.  The effective date of this amendment shall be determined from the date of the last signature.

ARTICLE IV.  KEY OFFICIALS
C.13.  The technical representative for Brigham Young University is as follows:

Dr. Bruce A. Roundy
Professor, Range Science
410 WIDB
Brigham Young University
Provo, UT  84602
Phone: (801) 422-8137
Fax: (801) 422-0090
bruce_roundy@byu.edu

C.14.  The technical representative for University of Idaho is as follows:

Steven Daley Laursen
Dean, College of Natural Resources
University of Idaho
Moscow, ID 83844-1138
Phone: (208) 885-6442
stevendl@uidaho.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
C.  National Park Service

DEPARTMENT OF AGRICULTURE
D.  U.S. Forest Service
E.  Natural Resources Conservation Service
F. UNIVERSITY OF NEVADA - RENO
G. Utah State University
H. Boise State University
I. California State University – Fresno
J. Desert Research Institute
K. D-Q University
L. Great Basin College
M. Haskell Indian Nations University
N. Idaho State University
O. Oregon State University
P. University of Nevada – Las Vegas
Q. University of Utah
R. White Mountain Research Station
S. Brigham Young University
T. University of Idaho
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Print Name: Robert V. Abbey
[Print Title]: State Director, Nevada

Print Name: Judith C. Couch
[Print Title]: Grants & Agreements Specialist

7-16-04
Date

Great Basin CESU
(Amendment Five: BYU and UI)
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey

[Signature]

Print Name: Shari L. Biedeser
Print Title: Contracting Officer

Date: 07/31/07
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

Jamie Sherrill  
Contracting Officer

8/5/04  
Date

Martha K. Secrist
Regional Director, Pacific West Region

8/5/04  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. USDA Forest Service

[Print Name]: John R. Toliver
[Print Title]: Deputy Station Director

7/21/04 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service

[Signature]

Print Name: [Blank]

[Print Title]: [Blank]

Date: 7/15/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. UNIVERSITY OF NEVADA - RENO

[Signature]
Cindy Kiel, J.D.,
Director, Sponsored Projects

[Date]
7/18/04

Great Basin CESU
(Amendment Five: BYU and UI)
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Utah State University

[Print Name]:
F. F. Busby

[Print Title]:
Dean
College of Natural Resources
Utah State University
Logan, UT 84322-5200
ph: 435-797-2452

6-17-04
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Boise State University

[Signature]

[Print Name]: John M. Owens
[Print Title]: Vice President for Research

7/8/04
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. California State University - Fresno

[Cynthia Teniente-Matson]
[Vice President for Administration and Chief Financial Officer]

[Signature]
[4/23/04] Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Desert Research Institute

[Signature]

J. Bees
Director, Sponsored Research Administration

[Print Name]:
[Print Title]:

6/21/09
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. D-Q University

Victor Gabriel

[Print Name]: Victor Gabriel
[Print Title]: President

8-11-04

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Great Basin College

[Print Name]: Michael J. McFarlane
[Print Title]: Vice President for Academic Affairs

7-1-04 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Haskell Indian Nations University

[Signature]
Print Name: Karen Ganon Swisher
[Print Title]: President

6/21/04
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Idaho State University

[Signature]
Print Name: Richard Inouye
[Print Title]: CESU Director

Date: 7/9/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Oregon State University

[Signature]
(Print Name): CLcM LaCAVA
(Print Title): Asst Contract Administrator
(Date): 7/7/04
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Nevada-Las Vegas

______________________________  ____________________
[Print Name]:     Date
[Print Title]:

see Article III.C.1.
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Utah

[Print Name]: Ronald J. Ryrie
[Print Title]: Associate VP for Research

[Signature]

Date: 7/9/09
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. White Mountain Research Station

[Print Name]: Frank L. Powell, Jr., Ph.D.
[Print Title]: Director

Date: 17 June 2004
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Brigham Young University

Dr. Gary R. Hooper
Associate Academic Vice President
for Research and Graduate Studies

5/13/2001
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Idaho

[Signature]

Ted Mordhorst, Manager
Grants and Contracts

5-19-04
Date