

**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

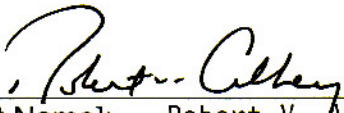
DEPARTMENT OF AGRICULTURE

- 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

7-16-04
Date

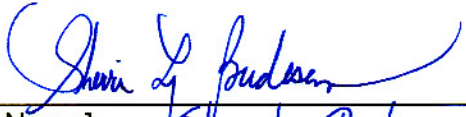


Print Name]: Judith C. Couch
[Print Title]: Grants & Agreements Specialist

7-16-04
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



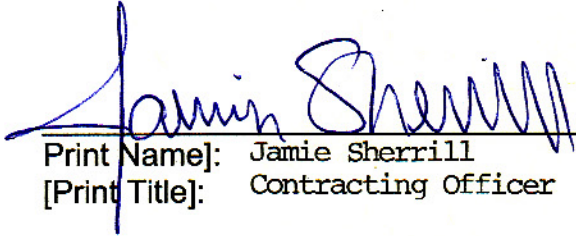
Print Name]: Sheri Ly Biedesen
[Print Title]: Contracting Officer



Date

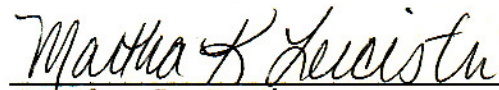
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service



[Print Name]: Jamie Sherrill
[Print Title]: Contracting Officer

8/5/04
Date



Jonathan B. Jarvis
Regional Director, Pacific West Region

8/5/04
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. USDA Forest Service

John R. Toliver


7/21/04

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

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service

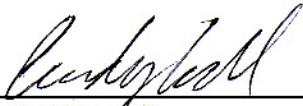


Print Name]:
[Print Title]:

7/15/04
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. UNIVERSITY OF NEVADA - RENO



Cindy Kiel, J.D.,
Director, Sponsored Projects

7/8/04
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Utah State University



[Print Name]:

[Print Title]:

F. E. Busby

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



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



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. California State University - Fresno



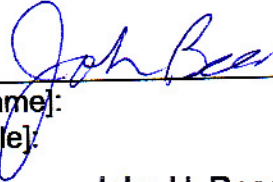
[Print Name]: Cynthia Teniente-Matson
[Print Title]: Vice President for Administration
and Chief Financial Officer




Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Desert Research Institute



[Print Name]:
[Print Title]:



Date

John H. Bees
Director, Sponsored Research Administration

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. D-Q University



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

8-11-04
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Great Basin College

Michael J. McFarlane 7-1-04
[Print Name]: Michael J. McFarlane Date
[Print Title]: Vice President for Academic Affairs

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)


M. Haskell Indian Nations University

Karen Swisher
Print Name]: *KAREN GAYTON SWISHER*
[Print Title]: *PRESIDENT*

6/21/04
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Idaho State University

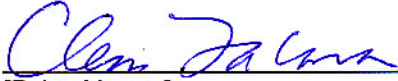


Print Name]: Richard Inouye
[Print Title]: CERE Director

7/9/04
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Oregon State University



[Print Name]:

[Print Title]:

CLM LaCAVA
Asst Contract Administrator



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Nevada-Las Vegas

[Print Name]:

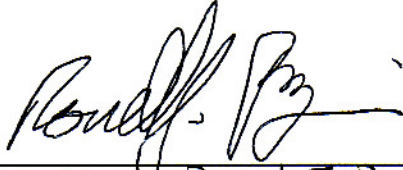
[Print Title]:

Date

see Article III.C.1.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

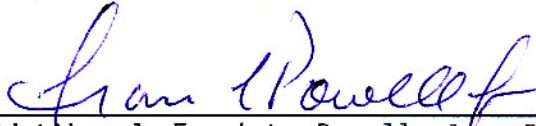
Q. University of Utah


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

7/9/09
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. White Mountain Research Station

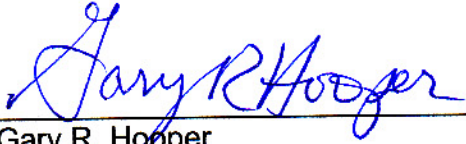


[Print Name]: Frank L. Powell, Jr., Ph.D.
[Print Title]: Director

17 June 2004
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Brigham Young University



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

5/12/2004
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Idaho



Ted Mordhorst, Manager
Grants and Contracts

5-19-04
Date