

**GREAT BASIN
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

between

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

**DEPARTMENT OF AGRICULTURE
Agricultural Research Service
U.S. Forest Service
Natural Resources Conservation Service**

and

**UNIVERSITY OF NEVADA - RENO (HOST)
Utah State University
Boise State University
Brigham Young 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 Idaho
University of Nevada - Las Vegas
University of Utah
White Mountain Research Station**

Adding

U.S. Bureau of Reclamation

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

A.4. The U.S. Bureau of Reclamation is included in the Great Basin CESU as a Federal Agency partner under Agreement # 05-FC-402294.

L. The U.S. Bureau of Reclamation (hereinafter called Reclamation) mission is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public. Pursuant to P.L. 108-447, Div. C, § 206; Reclamation is authorized to enter into grants and cooperative agreements with universities or non-profit institutions in FY2005 to fund water use efficiency research. Reclamation intends to pursue renewal of this authority each year until long-term authority is established. Reclamation may, as appropriate, use additional authorities available for specific activities under this agreement.

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.9. The effective date of this amendment shall be determined from the date of the last signature to this amendment.

ARTICLE IV. KEY OFFICIALS

A.8. The technical representative for Reclamation is as follows:

Amy T. Cutler (UC-734)
U.S. Bureau of Reclamation
125 South State Street
Salt Lake City, UT 84138-1102
(801) 524-3654 (phone)
(801) 524-5499 (fax)
ACUTLER@uc.usbr.gov

ARTICLE V. AWARD

B.4. Upon signature of all parties to this amendment, USBR will commit \$10,000 in funds to the Host University in furtherance of the agreement, to be authorized by a modification issued against the agreement.

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. Fish and Wildlife Service
- C. U.S. Geological Survey
- D. National Park Service
- E. U.S. Bureau of Reclamation**

DEPARTMENT OF AGRICULTURE

- F. Agricultural Research Service
- G. U.S. Forest Service
- H. Natural Resources Conservation Service

I. UNIVERSITY OF NEVADA - RENO

- J. Utah State University
- K. Boise State University
- L. Brigham Young University
- M. California State University – Fresno
- N. Desert Research Institute
- O. D-Q University
- P. Great Basin College
- Q. Haskell Indian Nations University
- R. Idaho State University
- S. Oregon State University
- T. University of Idaho
- U. University of Nevada – Las Vegas
- V. University of Utah
- W. White Mountain Research Station

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Print Name]:
[Print Title]:

Date

Print Name]:
[Print Title]:

Date

[signatures not needed per Article III.C.1 of the agreement]

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

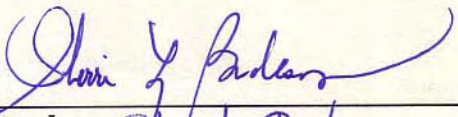
Jody E. Brown
Jody E. Brown
Deputy Field Supervisor

Print Name]:
[Print Title]:

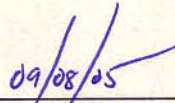
9/12/05
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey



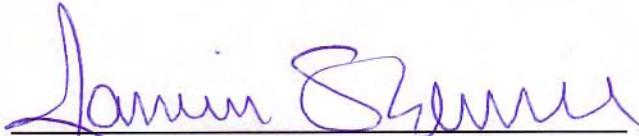
Print Name]: Sheri L. Bredesen
[Print Title]: Contracting Officer



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

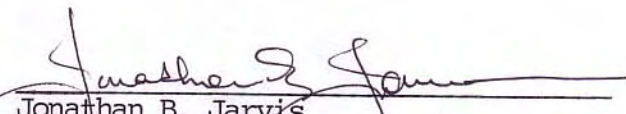
D. National Park Service



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

9/2/05

Date



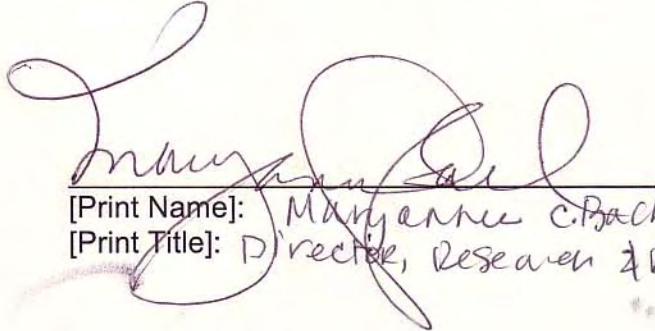
Jonathan B. Jarvis
Regional Director, Pacific West Region

9-2-05

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S. Bureau of Reclamation



A handwritten signature in dark ink, appearing to read "Maryanne C. Bach", written over a horizontal line.

[Print Name]: Maryanne C. Bach
[Print Title]: Director, Research & Development

8/20/05

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Agricultural Research Service

Charles W. Myers

11/3/05

[Print Name]: Charles W. Myers
[Print Title]: Authorized Departmental Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. USDA Forest Service

John R. Toliver


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

9/27/05

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service



9/12/05
Date

[Print Name]:

[Print Title]:

Deputy Chief for Science and Technology

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. UNIVERSITY OF NEVADA - RENO



[Print Name]:
[Print Title]: *Cindy Kiel*
Director, Sponsored Projects

9/12/09

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Utah State University

Dennis J. Paffrath

[Print Name]:

[Print Title]:

Dennis J. Paffrath
Director
Sponsored Programs Office

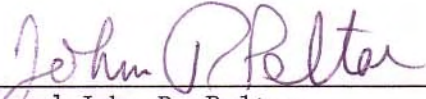
10-24-05

Date

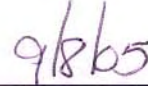
SLB 10/24/05

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Boise State University



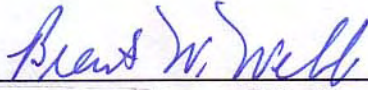
[Print Name]: John R. Pelton
[Print Title]: Interim Vice President for Research



Date

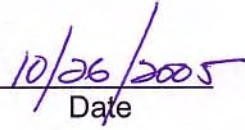
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Brigham Young University



BRENT W. WEBB

**ASSOCIATE ACADEMIC VICE PRESIDENT
RESEARCH & GRADUATE STUDIES**


Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. California State University - Fresno

Cynthia T. Metz

[Print Name]:

[Print Title]:

9/14/2005

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Desert Research Institute

Barbara H. Gray

[Print Name]: **Barbara H. Gray**
[Print Title]: **Director of Sponsored Research**

Sept 9, 2005

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. D-Q University

[signature not needed per Article III.C.1 of the agreement]

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Great Basin College

PAUL KILPATRICK
[Print Name]:
[Print Title]: President

9/20/05
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Haskell Indian Nations University

Karen Swisher


Print Name]:
[Print Title]:

9/12/05

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Idaho State University



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

9/7/05

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Oregon State University



[Print Name]:
[Print Title]: **TEMIS G. TAYLOR**
RESEARCH GRANTS AND CONTRACTS OFFICER

10/7/05
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Idaho

Melinda H. Stockton

[Print Name]:

[Print Title]:

for

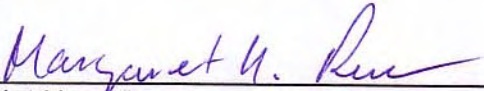
**Polly Knutson, Interim Manager
Grants & Contracts Fin. Adm.**

10/24/05

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Nevada-Las Vegas



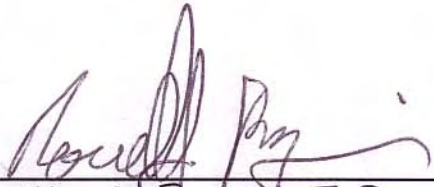
[Print Name]: Margaret N. Rees
[Print Title]: Associate Vice President for Research and Outreach

11-9-05

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of Utah

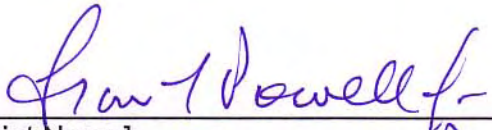


[Print Name]: Ronald J. Pugmire
[Print Title]: Associate VP for Research

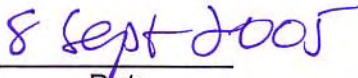
9/12/05
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. White Mountain Research Station



[Print Name]: Frank L. Powell
[Print Title]: Director



Date