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

[signature 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
Deputy Field Supervisor

Print Name: [Print Title]:
9/12/05 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

[Signature]

Print Name: [Signature]
Print Title: Contracting Officer

Date: 09/08/05
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

[Print Name]:
[Print Title]:

[Signature]

Date: 8/20/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Agricultural Research Service

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

11/3/05 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. USDA Forest Service

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

Date: 9/27/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service

[Signature]

[Print Name]:
[Print Title]:

Deputy Chief for Science and Technology

9/12/05
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. UNIVERSITY OF NEVADA - RENO

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

9/12/09
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Utah State University

[Dennis J. Paffrath]
[Dennis J. Paffrath]
[Director]
[Sponsored Programs Office]

10-24-05
Date

[GBB 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 9/8/85
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Brigham Young University

[Signature]

BRENT W. WEBB
ASSOCIATE ACADEMIC VICE PRESIDENT
RESEARCH & GRADUATE STUDIES

10/26/2005
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. California State University - Fresno

[Print Name]:
[Print Title]:

[Signature]

[Date]: 9/4/2005
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Desert Research Institute

[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]: ____________________________ Date
[Print Title]:

______________________________
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Great Basin College

[Print Name]: Raul Kilpatrick
[Print Title]: President

(Date): 9/26/06
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Haskell Indian Nations University

[Signature]
Print Name: 
[Print Title]: 

9/1/05
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Idaho State University

[Signature]

Print Name]: [Signature]
[Print Title]: [Title]

Date: 9/7/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Oregon State University

[Signature]

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

[Date]: 10/7/08
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Idaho

[Print Name]: Melinda A. Stockton
[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
[Date]: 11-9-05

Great Basin CESU, Amendment Seven: Reclamation
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

[Signature]

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

[Date]: 8 Sept 2005