GREAT BASIN
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT ONE TO
COOPERATIVE and JOINT VENTURE AGREEMENT

between

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

DEPARTMENT OF AGRICULTURE
U.S. Forest Service

and

UNIVERSITY OF NEVADA - RENO (HOST)
Utah State University
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 the
Natural Resources Conservation Service

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.1. The Natural Resources Conservation Service is included in the Great Basin CESU as a Federal Agency partner under Agreement # 68-9327-2-03.

1. The Natural Resources Conservation Service (hereinafter called NRCS) provides technical assistance to farmers, ranchers, and other private landowners in managing soil, water, animal, plant, air and human resources. NRCS scientists and technical specialists identify appropriate technologies in research and development and transfer them to field staff for implementation. Under section 714 Of P.L. 106-387, 7 U.S.C.
NRCS is authorized to enter into the cooperative agreement establishing the Great Basin CESU to assist in providing research, technical assistance and education.

ARTICLE III  TERMS OF THE AGREEMENT
A.1. The effective date of the agreement is 7 August 2001.
A.2. The effective date of this amendment shall be determined from the date of the last signature.

ARTICLE IV  KEY OFFICIALS
A.5. The technical representatives for the NRCS are as follows:

Sheryl H. Kunickis, Ph.D.
NRCS
5601 Sunnyside Avenue
Room 4-2274
Beltsville, MD 20705-5140
Phone: 301-504-4787
Fax: 301-504-6231
shk@ars.usda.gov

Nicholas Pearson
State Conservationist
Natural Resource Conservation Service
5301 Longley Lane
Bldg. F Suite 201
Reno NV 89511-1805
Phone: 775-784-5863
Fax: 775-784-5939
nick.pearson@nv.usda.gov

ARTICLE V  AWARD
B.1. Upon signature of all parties to this amendment, the NRCS commits $10,000 in funds to the Host University in furtherance of the agreement, to be authorized by a modification issued against the agreement.
D.1. An additional exception is that for NRCS, the indirect cost rate is limited to 10% of total direct costs for colleges, universities, and other nonprofit organizations pursuant to Section 708 of P.L. 107-76.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES
The following authorizing signatures are attached to this amendment:

A. U.S. Department of the Interior
   A. Bureau of Land Management
      B. U.S. Geological Survey
      C. National Park Service
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Jean Rivers Council  
Acting State Director, Nevada  
24 July 2002  
Date

Judith C. Couch  
Assistant Officer  
17 September 2002  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey—Biological Resources Division

[Signature]

SEP 17 2002
Date

PATRICIA L. MASTERTON
CONTRACTING OFFICER
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

James Shevock  
Associate Regional Director,  
Natural Resource Stewardship and Science

[Signature]  
Date 7/17/2002

Arthur E. Eck  
Acting Regional Director, Pacific West Region

[Signature]  
Date 9/19/02

Jamie Sherrill, Contracting Officer  
Date 9/18/02
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Forest Service

[Signature]

[Date]

Great Basin CESU
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Natural Resources Conservation Service

[Signature]

Date: Sept 20, 02
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. University of Nevada - Reno

RICHARD BJUR, ACTING DIR.
SPONSORED PROJECTS ADMIN.

Date 9/13/02
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.) - NRCS

G. Utah State University

Dr. F.E. Busby
Dean of the College of Natural Resources

Date

1-31-02
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Desert Research Institute

[Signature]

Alan Austin, VP for Finance & Administration

Date: 1/1/02
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

1. D-Q University

[Signature]

Date: 9/12/02
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Great Basin College

Eric Henderson, Ph.D
Lead Faculty, B.A. in Integrative & Professional Studies Program

Date 8/16/02
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Haskell Indian Nations University

[Signature]

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Idaho State University

[Signature]

Dr. Richard S. Inouye
Director, CERP, and Professor of Ecology

4/26/02
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Oregon State University

[Signature]

CLEM LaCAVA
Asst. Contract Administrator

7/12/02
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Nevada-Las Vegas

Dr. Raymond Alden, III
Provost

7-30-02
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Great Basin CESU

Ronald J. Plagmire
Assoc. V. P. for Research

7/23/02

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. White Mountain Research Station

[Signature]

Dr. Michael L. Morrison
Station Manager

[Date]
**APPLICATION FOR FEDERAL ASSISTANCE**

1. **TYPE OF SUBMISSION:**
   - [ ] Construction
   - [X] Non-Construction

2. **DATE SUBMITTED**
   - [ ] Preapplication
   - [ ] Construction

3. **DATE RECEIVED BY STATE**

4. **DATE RECEIVED BY FEDERAL AGENCY**

5. **APPLICANT INFORMATION**
   - **Legal Name:** Bd of Regents, UCCSN for Univ. of Nevada, Reno
   - **Address (give city, county, state, and zip code):** University of Nevada, Reno
   - **Organizational Unit:** College of Agriculture, Biotechnology and Natural Resources

6. **EMPLOYER IDENTIFICATION NUMBER (EIN):** 88-600124

7. **TYPE OF APPLICATION:**
   - [X] New
   - [ ] Continuation
   - [ ] Revision
   - [ ] Increase Award
   - [ ] Decrease Award
   - [ ] Increase Duration
   - [ ] Decrease Duration
   - [ ] Other (specify)

8. **DATES SUBMITTED/ORIGINAL DATE RECEIVED**
   - [ ] Preapplication
   - [ ] Construction

9. **NAME OF FEDERAL AGENCY:** NRCS, USDA

10. **CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:**

11. **DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:** Great Basin Cooperative Ecosystem Studies Unit

12. **AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.):** NV, UT, OR, CA

13. **PROPOSED PROJECT**

14. **CONGRESSIONAL DISTRICTS OF:** NV-2

15. **ESTIMATED FUNDING:**
   - a. Federal $10,000
   - b. Applicant $0
   - c. State $0
   - d. Local $0
   - e. Other $0
   - f. Program income $0
   - g. TOTAL $10,000

16. **IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?**
   - a. Yes
   - b. No

17. **IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?**
   - a. Yes
   - b. No

18. **TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DUTY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.**

   a. Type of Authorized Representative
   - Richard Buur
   b. Title
   - Sponsored Projects Admin.
   c. Telephone Number
   - 775-784-4040
   d. Date Signed
   - 9/11/02

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*Standard Form 424 (Rev. 7-97)*

Prescribed by OMB Circular A-102
## BUDGET INFORMATION - Non-Construction Programs

### SECTION A - BUDGET SUMMARY

<table>
<thead>
<tr>
<th>Grant Program Function or Activity</th>
<th>Catalog of Federal Domestic Assistance Number</th>
<th>Estimated Unobligated Funds</th>
<th>New or Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Federal (c)</td>
<td>Non-Federal (d)</td>
</tr>
<tr>
<td>1. GB CESU-NRCS</td>
<td></td>
<td>$10,000.00</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>5. Totals</td>
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<td>$0.00</td>
<td>$0.00</td>
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</tbody>
</table>

### SECTION B - BUDGET CATEGORIES

6. Object Class Categories

<table>
<thead>
<tr>
<th>GRANT PROGRAM, FUNCTION OR ACTIVITY</th>
<th>(1) Federal (c)</th>
<th>(2) Non-Federal (d)</th>
<th>(3) Federal (e)</th>
<th>(4) Non-Federal (f)</th>
<th>(5) Total (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Personnel</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
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<tr>
<td>b. Fringe Benefits</td>
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<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
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<td>c. Travel</td>
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<td>$0.00</td>
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<td>$3,000.00</td>
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<tr>
<td>d. Equipment</td>
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<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
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<tr>
<td>e. Supplies</td>
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<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>f. Contractual</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>g. Construction</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>h. Other</td>
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<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$6,090.00</td>
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<tr>
<td>i. Total Direct Charges (sum of 6a-6h)</td>
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<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$9,090.00</td>
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<tr>
<td>j. Indirect Charges</td>
<td>$910.00</td>
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<td>$0.00</td>
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<td>$910.00</td>
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<tr>
<td>k. TOTALS (sum of 6i and 6j)</td>
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<td>$0.00</td>
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7. Program Income

<table>
<thead>
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<th>(1) Federal (c)</th>
<th>(2) Non-Federal (d)</th>
<th>(3) Federal (e)</th>
<th>(4) Non-Federal (f)</th>
<th>(5) Total (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
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Standard Form 424A (Rev. 7-97)

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