

BLM # AAA000011  
USGS-BRD # 00HQAG0211  
NPS #s CA-2350-00-010  
CA-1248-00-002  
USFS # 00-JV-11221614-180  
DOD # DACA87-00-H-0027

**DESERT SOUTHWEST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**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**

**DEPARTMENT OF DEFENSE  
Office of Deputy Under Secretary of Defense  
(Environmental Security)**

**and**

**ARIZONA BOARD OF REGENTS  
THE UNIVERSITY OF ARIZONA (HOST)  
Howard University  
New Mexico State University  
Southwest Texas State University  
University of California – Riverside  
Arizona-Sonora Desert Museum  
Sonoran Institute**

## ARTICLE I - BACKGROUND AND OBJECTIVES

- A. This Cooperative and Joint Venture Agreement (hereinafter called agreement) between the Bureau of Land Management, U.S. Geological Survey–Biological Resources Division, National Park Service, U.S. Forest Service and Department of Defense–Office of Deputy Under Secretary of Defense (Environmental Security) (hereinafter called Federal Agencies), and Arizona Board of Regents The University of Arizona and its partner institutions is to establish and maintain the Desert Southwest Cooperative Ecosystem Studies Unit. The Desert Southwest CESU is associated with a national network of CESUs.
- B. The objectives of the Desert Southwest Cooperative Ecosystem Studies Unit (CESU) are to:
- Provide research, technical assistance and education to federal land management, environmental and research agencies and their potential partners;
  - Develop a program of research, technical assistance and education that involves the biological, physical, social, and cultural sciences needed to address resources issues and interdisciplinary problem-solving at multiple scales and in an ecosystem context at the local, regional, and national level; and
  - Place special emphasis on the working collaboration among federal agencies and universities and their related partner institutions.
- C. The Bureau of Land Management (hereinafter called BLM) administers public lands within a framework of numerous laws. The most comprehensive of these is the Federal Land Policy and Management Act of 1976 (FLPMA). All Bureau policies, procedures and management actions must be consistent with FLPMA and the other laws that govern use of the public lands. It is the mission of the Bureau of Land Management to sustain the health, diversity and productivity of the public lands for the use and enjoyment of present and future generations (43 U.S.C. 1701 et seq.). In accordance with 43 U.S.C. 1737(b), the BLM is authorized to enter into a cooperative agreement to establish the Desert Southwest CESU to assist in providing research, technical assistance and education.
- D. The U.S. Geological Survey–Biological Resources Division (hereinafter called BRD) works with others to provide scientific understanding and technologies needed to support the sound management and conservation of our Nation's biological resources (Secretarial Order No. 3202). In accordance with 16 U.S.C.1a-2j, 16 U.S.C. 5933 and Secretarial Order No. 3202, the BRD is authorized to enter into a cooperative agreement to establish the Desert Southwest CESU to assist in providing research, technical assistance and education.

- E. The National Park Service (hereinafter called NPS) is responsible for the management of areas in the National Park System to conserve the scenery, the natural and historic objects, and the wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations (16 U.S.C. 1 et seq.). In accordance with 16 U.S.C. 1a-2j and 16 U.S.C. 5933, the NPS is authorized to enter into a cooperative agreement to establish the Desert Southwest CESU to assist in providing research, technical assistance and education.
- F. The U.S. Forest Service (hereinafter called USFS) mission is to achieve quality land management under the sustainable multiple-use management concept to meet the diverse needs of the people (16 U.S.C. 1641-1646). In accordance with 7 U.S.C. 3318 (b) the USFS is authorized to enter into a joint venture agreement to establish the Desert Southwest CESU to assist in providing research, technical assistance and education.
- G. The Department of Defense (hereinafter called DoD) manages nearly 25 million acres of land, and the natural and cultural resources found there, and for this agreement includes the Office of the Secretary of Defense, the Military Services, the Defense Logistics Agency, the National Guard Bureaus, and the Military Reserve Components. DoD's primary mission is national defense. DoD's conservation program supports this mission by ensuring realistic training areas, and managing its resources in ways that maximize available land, air, and water training opportunities. DoD environmental stewardship activities are authorized under the Sikes Act, as amended. In accordance with 16 U.S.C. 670, as amended, the DoD is authorized to enter into a cooperative agreement to establish the Desert Southwest CESU to assist in providing research, technical assistance, and education.
- H. The University of Arizona (hereinafter called Host University) is a comprehensive university that houses the state's only colleges of Agriculture, Law, Medicine and Pharmacy. Approximately 7000 graduate students are enrolled in 80 doctoral programs, and 110 master's and specialists programs. The purpose of the University is, in the language of the original law, "to provide the inhabitants of this state with the means of acquiring a thorough knowledge of the various branches of literature, science, and the arts," and, insofar as possible, to provide a technical education adapted to the development of Arizona's resources. A number of departments within the University have contributed to a long-standing history of cooperative research and education in desert ecosystem management. The University hosts a number of federal cooperative research units and maintains working relationships with federal land management agencies. The University is governed by the Arizona Board of Regents.

- I. The partner institutions to the Host University include Howard University, New Mexico State University, Southwest Texas State University, University of California – Riverside, Arizona-Sonora Desert Museum, Sonoran Institute (hereinafter called Partner Institutions).

## **ARTICLE II - STATEMENT OF WORK**

### **A. Each Federal Agency agrees to:**

1. Provide administrative assistance, as appropriate, necessary to execute this agreement and subsequent modifications;
2. Conduct, with the Host University and Partner Institutions, a program of research, technical assistance and education related to the Desert Southwest CESU objectives and to the extent allowed by each Federal Agencies' authorizing legislation;
3. Provide opportunities for research on federal lands or using federal facilities in cooperation with Federal Agencies, as appropriate, and according to all applicable laws, regulations and Federal Agencies' policies;
4. Provide funds for basic support and salary for release time of Host University and Partner Institution faculty, as appropriate;
5. Provide project funds and/or collaboration to support specific research, technical assistance and education projects, as appropriate;
6. Make available managers to serve on the Desert Southwest CESU Manager's Committee;
7. Comply with the Host University's and Partner Institutions' rules, regulations, and policies regarding professional conduct, health, safety, use of services and facilities, use of animals, recombinant DNA, infectious agents or radioactive substances, as well as other policies generally applied to Host University and Partner Institution personnel;
8. Ensure its employees follow the Code of Ethics for Government Employees;
9. Allow Federal Agency employees to participate in the activities of the Host University and Partner Institutions, including serving on graduate committees and teaching courses, as appropriate, and as specifically determined in modifications to the agreement; and
10. Be individually responsible for their agency's role in administering the agreement, transferring funds, and supervision of agency employees, as appropriate.

### **B. The Host University agrees to:**

1. Establish, in consultation with the Federal Agencies and Partner Institutions, the Desert Southwest CESU;
2. Conduct, with participating Federal Agencies and Partner Institutions, a program of research, technical assistance and education related to the Desert Southwest CESU objectives;
3. Provide release time for faculty to engage in participating Federal Agencies research, technical assistance and education activities related to the Desert Southwest CESU objectives, as appropriate;

4. Provide basic administrative and clerical support as appropriate;
5. Provide access for Desert Southwest CESU staff to campus facilities, including library, laboratories, computer facilities on the same basis or costs as other faculty members of the Host University to the maximum extent allowable under state laws and regulations;
6. Provide suitable office space, furniture and laboratory space, utilities, computer network access and basic telephone service for Federal Agencies personnel to be located at the Host University, as appropriate;
7. Offer educational and training opportunities to participating Federal Agency employees, as appropriate;
8. Encourage its students to participate in the activities of the Desert Southwest CESU;
9. Coordinate activities, as appropriate, with the Partner Institutions and develop administrative policies for such coordination; and
10. Establish a Desert Southwest CESU Manager's Committee and convene a meeting of this committee, at least annually, to provide advice and guidance, review of the annual work and multi-year strategic plans, and assist in evaluating the Desert Southwest CESU.

C. Each Partner Institution agrees to:

1. Conduct, with participating Federal Agencies and the Host University, a program of research, technical assistance, and education related to the Desert Southwest CESU objectives;
2. Offer educational and training opportunities to participating Federal Agency employees, as appropriate; and
3. Encourage students and employees to participate in the activities of the CESU.

D. All Federal Agencies, the Host University and Partner Institutions agree to:

1. Establish and maintain the Desert Southwest CESU closely following the CESU Introduction (June 1999), adapting key elements to local and regional needs, as appropriate;
2. Develop and adopt a Desert Southwest CESU role and mission statement;
3. Develop a multi-year strategic plan;
4. Make modifications, as appropriate, to this agreement that individually include a specific "scope of work" statement and a brief explanation of the following:
  - (a) the proposed work and what is being modified in the agreement;
  - (b) the project contribution to the objectives of the CESU;
  - (c) the methodology of the project;
  - (d) the substantial involvement of each party;
  - (e) the project budget and schedule;
  - (f) the specific deliverables;
5. Coordinate in obtaining all necessary state, federal, and tribal permits and/or permissions from private landowners in order to conduct projects occurring under this agreement;

6. Follow OMB Circulars A-21, A-87, A-102, A-110, and A-133, as appropriate, and specifically 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), and 22 CFR Part 518 (Department of Defense).

### **ARTICLE III – TERMS OF AGREEMENT**

- A. This agreement shall continue for a period of five (5) years from the effective date of execution. The effective date of this agreement shall be determined from the date of the last signature.
- B. By mutual consent and at the end of this agreement, a new agreement, for a separate and distinct five (5) year period, can be entered into to continue the activities of the Desert Southwest CESU.
- C. For the purposes of this agreement, amendments are changes (edits, deletions, or additions) to the agreement that do not involve the transfer of funds. Amendments may be proposed by any of the Federal Agencies, the Host University or by the Host University on behalf of any of the Partner Institutions. Amendments shall be in writing, signed and agreed to by all signatories to this agreement.
- D. For the purposes of this agreement, modifications are specific two-party agreements between one of the Federal Agencies and the Host University and/or a Partner Institution in support of the goals of this broad agreement. Modifications will be issued by a Federal Agency, will transfer funds to support the statement of work, and will conform to each Federal Agency's respective procedures.
- E. A separate interagency agreement is required to facilitate transfer of funds from one federal agency to another federal agency.

### **ARTICLE IV - KEY OFFICIALS**

- A. The technical representatives for the Federal Agencies are as follows:

1. Bureau of Land Management

Bill Grossi

Bureau of Land Management

Arizona State Office

222 North Central Avenue

Phoenix, AZ 85004-2203

(602) 417-9241

bill\_grossi@blm.gov

2. U.S. Geological Survey–Biological Resources Division

Dr. Judd A. Howell  
Research Manager  
Western Ecological Research Center  
USGS  
6000 J Street, Placer Hall  
California State University, Sacramento  
Sacramento, CA 95819  
(916) 278-3279  
judd\_howell@usgs.gov

3. National Park Service

Bob Moon  
Chief, Natural Resources, Research, and Technology  
National Park Service  
Intermountain Support Office-Denver  
IMDE-NT  
12795 West Alameda Parkway  
Lakewood, CO 80228  
(303) 969-2856  
bob\_moon@nps.gov

4. U.S. Forest Service

Carl Edminster  
USDA Forest Service  
Rocky Mountain Research Station  
Southwest Forest Science Complex  
2500 South Pine Knoll  
Flagstaff, AZ 86001  
(520) 556-2177 (phone)  
(520) 556-2130 or 2131 (fax)  
cedminster@fs.fed.us

5. Department of Defense

L. Peter Boice  
Director, Conservation  
Office of Deputy Under Secretary of Defense (Environmental Security)  
1225 Old Jefferson Davis Highway, Suite 1500  
Arlington, VA 22202  
(703) 604-0524  
boicepl@acq.osd.mil

B. The technical representative for the Host University is:

Dr. C.P.P. Reid  
School of Renewable Natural Resources  
Room 325, Biological Sciences East Building  
University of Arizona  
Tucson, AZ 85721  
(520) 621-7257  
cppr@ag.arizona.edu

Administrative Contact:  
Janet Hornung, Director  
Sponsored Projects Services  
University of Arizona  
P.O. Box 3308  
Tucson, AZ 85722-3308  
(520) 626-6000  
sponsor@u.arizona.edu

C. The technical representatives for the Partner Institutions are:

1. Howard University

Dr. George Middendorf, III  
Associate Professor  
Department of Biology  
Howard University  
415 College Street NW, Room G-26  
Washington, DC 20059  
(202) 806-7289  
gmiddendorf@howard.edu

2. New Mexico State University

Dr. Donald F. Caccamise  
Professor and Head  
Department of Fisheries and Wildlife  
New Mexico State University  
P.O. Box 30003, Campus Box 4901  
Las Cruces, NM 88003-0003  
(505) 646-7051  
dcaccami@nmsu.edu

3. Southwest Texas State University

Dr. James Kimmel  
Associate Professor  
Department of Geography  
Southwest Texas State University  
San Marcos, TX 78666  
(512) 245-3201  
jk02@swt.edu

4. University of California – Riverside

Dr. Michael F. Allen  
Director  
Center for Conservation Biology  
University of California  
Riverside, CA 92521-0334  
(909) 787-5494  
mallen@ucr.edu

5. Arizona-Sonora Desert Museum

Richard H. Daley  
Director  
Arizona-Sonora Desert Museum  
2021 N. Kinney Road  
Tucson, AZ 85743-8918  
(520) 883-1380  
rdaley@desertmuseum.org

6. Sonoran Institute

Steve Cornelius  
Sonoran Institute  
7650 East Broadway, Suite 203  
Tucson, AZ 85710  
(520) 290-0828  
steve@sonoran.org

## ARTICLE V – AWARD

- A. Award under this agreement is as specified in the incorporated proposal and budget (Article XI 1. and 2.).
- B. Upon signature of all parties and upon satisfactory submission of a budget from the Host University, the Federal Agencies will obligate funds as follows:

### Bureau of Land Management

\$10,000 is awarded to the Host University to carry out this agreement.

### U.S. Geological Survey–Biological Resources Division

\$10,000 is awarded to the Host University to carry out this agreement.

### National Park Service

\$10,000 is awarded to the Host University to carry out this agreement.

### U.S. Forest Service

\$10,000 is awarded to the Host University to carry out this agreement.

### Department of Defense (represented by the U.S. Army Engineer and Support Center, Huntsville)

\$10,000 is awarded to the Host University to carry out this agreement.

- C. Payments will be made by the Federal Agencies for work in accordance with OMB Circulars A-21, A-110, A-102, A-133 and specifically, 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), and 22 CFR Parts 518.20-28 (Department of Defense).
- D. A 15% indirect cost rate will be paid on work covered by the agreement and all its modifications. An exception is that the US Forest Service cannot reimburse "state cooperative institutions" for indirect costs, pursuant to 7 USC 3103(16) and 7 USC 3319. Indirect costs may be used to satisfy USFS cost-sharing requirements.

No indirect cost will be charged by the Host University for funds transferred directly from a participating Federal Agency to a Partner Institution via a modification to the agreement.

- E. Award of additional funds or in-kind resources will be made through modifications to the agreement, subject to the rules, regulations, and policies of the individual Federal Agency proposing the modification. Copies of all modifications to the agreement shall be kept on file with the Host University.
- F. Nothing herein shall be construed as obligating the Federal Agencies to expend, or as involving the Federal Agencies in any contract or other obligation for the future payment of money, in excess of appropriations authorized by law and administratively allocated for specific work.

## **ARTICLE VI - PRIOR APPROVAL**

Prior approvals are in accordance with OMB Circulars A-110 or A-102, specifically 43 CFR Part 12 (Department of the Interior), and 7 CFR Parts 3015-3052 (Department of Agriculture), and 22 CFR Part 518 (Department of Defense).

## **ARTICLE VII - REPORTS AND/OR DELIVERABLES**

- A. OMB Circulars A-110 or A-102, specifically 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), and 22 CFR Parts 518.50-53 (Department of Defense) establish uniform reporting procedures for financial and technical reporting.
- B. As appropriate, the Host University will convene periodic meetings of Desert Southwest CESU Federal Agencies and Partner Institutions (hereinafter called cooperators) for the purpose of collaboration and coordination of CESU activities. The first meeting will be convened within 90 days from the date this agreement is executed. Five (5) copies of the meeting minutes will be delivered to each Federal Agency.
- C. A role and mission statement will be adopted and agreed to by all Desert Southwest CESU cooperators within 120 days from the date this agreement is executed. Five (5) copies of the adopted mission statement will be delivered to each Federal Agency.
- D. Annual work plans will be developed to guide the specific activities of the Desert Southwest CESU and will:
1. Describe the Desert Southwest CESU's ongoing and proposed research, technical assistance and education activities;
  2. Describe anticipated projects and products; and
  3. Identify faculty, staff and students involved in the Desert Southwest CESU during the year.
- The first annual work plan (for FY2001) will be delivered 120 days from the date this agreement is executed. Five (5) copies of the annual work plan will be delivered to each Federal Agency.
- E. A multi-year strategic plan will be developed to generally guide the Desert Southwest CESU and will be delivered within 12 months from the date this agreement is executed. Five (5) copies of the multi-year strategic plan will be delivered to each Federal Agency.

## **ARTICLE VIII - PROPERTY UTILIZATION AND DISPOSITION**

Property utilization and disposition is in accordance with OMB Circulars A-110 or A-102, specifically 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), and 22 CFR Parts 518.31-37 (Department of Defense).

## **ARTICLE IX - TERMINATION**

Termination of this agreement is in accordance with OMB Circulars A-110 or A-102, specifically 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), and 22 CFR Parts 518.60-62 (Department of Defense), and requires approval of each of the Federal Agencies and the Host University.

## **ARTICLE X – REQUIRED/SPECIAL PROVISIONS**

### **A. REQUIRED PROVISIONS:**

1. **NON-DISCRIMINATION:** All activities pursuant this agreement and the provisions of Executive Order 11246; shall be in compliance with requirements of Title VI of the Civil Rights Act of 1964 (78 Stat. 252 42 U.S.C. § 2000d et seq.); Title V, Section 504 of the Rehabilitation Act of 1973 (87 Stat. 394; 29 U.S.C. § 794); the Age Discrimination Act of 1975 (89 Stat. 728; 42 U.S.C. § 6101 et seq.); and with all other Federal laws and regulations prohibiting discrimination on grounds of race, color, national origin, handicap, religious or sex in providing of facilities and service to the public.
2. **CONSISTENCY WITH PUBLIC LAWS:** Nothing herein contained shall be deemed to be inconsistent with or contrary to the purpose of or intent of any Act of Congress or the laws of the District establishing, affecting, or relating to the agreement.
3. **APPROPRIATIONS (Anti-Deficiency Act, 31 U.S.C. 1341):** Nothing herein contained in this agreement shall be construed as binding the Federal Agencies to expend in any one fiscal year any sum in excess of appropriations made by Congress, for the purposes of this agreement for that fiscal year, or other obligation for the further expenditure of money in excess of such appropriations.
4. **OFFICIALS NOT TO BENEFIT:** No Member of, Delegate to, Resident Commissioner in, Congress shall be admitted to any share or part of this agreement or to any benefit to arise therefrom, unless the share or part benefit is for the general benefit of a corporation or company.
5. **LOBBYING PROHIBITION:** The parties will abide by the provisions of 18 U.S.C. 1913 (Lobbying with Appropriated Moneys), which states:  
No part of the money appropriated by any enactment of Congress shall, in the absence of express authorization by Congress, be used directly or indirectly to pay for any personal service, advertisement, telegram, telephone, letter, printed or written matter, or other device, intended or designed to influence in any manner a Member of Congress, to favor or oppose, by vote or otherwise, any legislation or appropriation by Congress, whether before or after the introduction of any bill or resolution proposing such legislation or

appropriation: but this shall not prevent officers or employees of the United States or of its departments or agencies from communicating to Members of Congress on the request of any Member or to Congress, through the proper official channels, requests for legislation or appropriations which they deem necessary for the efficient conduct of the public business.

#### 6. LIABILITY PROVISION:

##### Governmental Parties

The Federal Agencies, Host University and Partner Institutions which are governmental parties, accept responsibility for any property damage, injury, or death caused by the acts or omissions of their respective employees, acting within the scope of their employment, to the fullest extent permitted by law, including laws concerning self-insurance.

To the extent work by governmental parties is to be performed through sub-contract by non-governmental entities or persons, the governmental party sub-contracting work will require that subcontracted entity or person to meet provisions (a),(b), and (c) for non-governmental parties stated below.

##### Non-governmental Parties

Work provided by non-governmental entities or persons, will require that entity or person to:

- (a) Have public and employee liability insurance from a responsible company or companies with a minimum limitation of one million dollars (\$1,000,000) per person for any one claim, and an aggregate limitation of three million dollars (\$3,000,000) for any number of claims arising from anyone incident. In subsequent modifications, the parties may negotiate different levels of liability coverage, as appropriate. The policies shall name the United States as an additional insured, shall specify that the insured shall have no right of subrogation against the United States for payments of any premiums or deductibles due thereunder, and shall specify that the insurance shall be assumed by, be for the account of, and be at the insured's sole risk; and
- (b) Pay the United States the full value for all damages to the lands or other property of the United States caused by such person or organization, its representatives, or employees; and
- (c) Indemnify, save and hold harmless, and defend the United States against all fines, claims, damages, losses, judgments, and expenses arising out of, or from, any omission or activity of such person organization, its representatives, or employees.

Non-governmental Partner Institutions shall provide the Federal Agencies confirmation of such insurance coverage, prior to beginning specific work authorized herein and specified in subsequent modifications.

**B. SPECIAL PROVISIONS:**

1. Joint publication of results is encouraged; however, no party will publish any results of joint effort without consulting the other. This is not to be construed as applying to popular publication of previously published technical matter. Publication may be joint or independent as may be agreed upon, always giving due credit to the cooperation of participating Federal Agencies, the Host University, and Partner Institutions, and recognizing within proper limits the rights of individuals doing the work. In the case of failure to agree as to the manner of publication or interpretation of results, either party may publish data after due notice (not to exceed 60 days) and submission of the proposed manuscripts to the other. In such instances, the party publishing the data will give due credit to the cooperation but assume full responsibility of any statements on which there is a difference of opinion. Federal Agencies reserve the right to issue a disclaimer if such a disclaimer is determined to be appropriate.
2. That the results of any cooperative studies may be used for development of theses in partial fulfillment of requirements for advanced degrees and nothing herein shall delay theses publication.
3. Individual modifications shall include specific plans for data management, sharing, and archiving, as appropriate.

**ARTICLE XI – DOCUMENTS INCORPORATED BY REFERENCE**

**A. The following are to be incorporated into this agreement:**

1. Budget for funds awarded in this agreement
2. DI-2010, Certifications for the Host University and Partner Institutions regarding debarment, suspension and other responsibility matter, drug-free workplace requirements and lobbying.

**ARTICLE XII - ATTACHMENTS**

**A. The following are attached:**

1. ATTACHMENT 1 – Financial Status Report, SF 269A
2. ATTACHMENT 2 – Request for Advance or Reimbursement, SF 270
3. ATTACHMENT 3 – ACH Payment, SF3881
4. ATTACHMENT 4 – Example Modification Template

**ARTICLE XIII - AUTHORIZING SIGNATURES**

The following authorizing signatures are attached:

**U.S. DEPARTMENT OF THE INTERIOR**

- A. Bureau of Land Management
- B. U.S. Geological Survey
- C. National Park Service

U.S. DEPARTMENT OF AGRICULTURE  
D. U.S. Forest Service

DEPARTMENT OF DEFENSE

E. Office of Deputy Under Secretary of Defense (Environmental Security)  
U.S. Army Engineer and Support Center, Huntsville

F. ARIZONA BOARD OF REGENTS THE UNIVERSITY OF ARIZONA

G. Howard University

H. New Mexico State University

I. Southwest Texas State University

J. University of California – Riverside

K. Arizona-Sonora Desert Museum

L. Sonoran Institute

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

*Michael A. Ferguson*  
for Denise Meridith  
State Director  
Arizona State Office

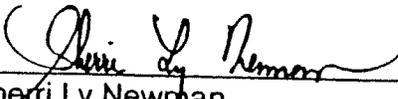
10/6/00  
Date

*Janell Reifel*  
Janell Reifel  
Assistance Officer  
Arizona State Office

10/5/2000  
Date

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

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

  
\_\_\_\_\_  
Sherri Ly Newman  
Contracting Officer

9/27/00  
Date

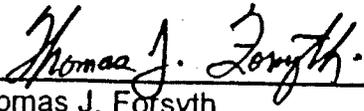
ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

C. National Park Service



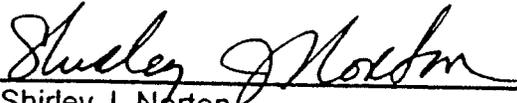
Robert L. Moon  
Chief, Natural Resources and Technology  
Intermountain Region

9/26/00  
Date



Thomas J. Forsyth  
Contracting/Agreements Officer  
Intermountain Region

9/28/2000  
Date



Shirley J. Norton  
Contracting Officer  
Administrative Program Center

9/28/00  
Date

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

D. U.S. Forest Service

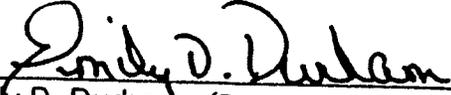
*Denver P Burns*

\_\_\_\_\_  
Denver P. Burns  
Station Director

9-29-00  
Date

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

E. Department of Defense—Office of Deputy Under Secretary of Defense  
(Environmental Security)



Emily D. Durham (Representing ODUSD-ES)  
Contracting Officer  
U.S. Army Engineer and Support Center, Huntsville

27 Sep00  
Date

**ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)**

F. Arizona Board of Regents The University of Arizona

*Lee Anne T. Peters*  
Dr. Richard C. Powell, Vice-President for  
Research and Graduate Studies

*dr* Lee Anne T. Peters  
Contract Officer

8/29/00  
Date

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

G. Howard University

  
James A. Donaldson, Dean, College of Arts  
and Sciences

09/06/2020  
Date

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

H. The Regents of New Mexico State University

K. B. Poling for Cunningham, Gary  
G. Jay Gouge, President

09/11/00  
Date

Agricultural Experiment Station

LeRoy A. Daugherty  
LeRoy A. Daugherty  
Interim Associate Director

\_\_\_\_\_  
Date

College of Agriculture & Home Economics

Jerry G. Schickedanz  
Jerry G. Schickedanz  
Dean & Chief Administrative Officer

\_\_\_\_\_  
Date

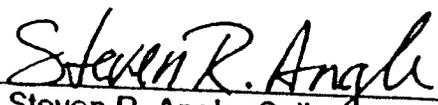
ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

I. Southwest Texas State University

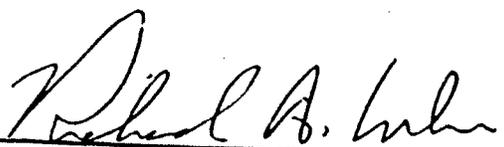
  
\_\_\_\_\_  
Billy C. Coyington, Associate Vice President  
for Research and Sponsored Projects

9/5/2000  
Date

**ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)**  
The Regents of the University of California  
J. University of California-Riverside

  
\_\_\_\_\_  
Dean Steven R. Angle, College of Natural  
and Agricultural Sciences

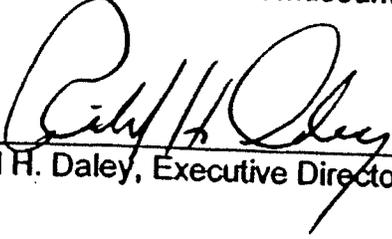
9/12/00  
Date

  
\_\_\_\_\_  
Dr. Richard A. Luben, Vice Chancellor for Research  
and Graduate Affairs

9/14/00  
Date

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

K. Arizona-Sonora Desert Museum



Richard H. Daley, Executive Director

31 Aug 2020  
Date

ARTICLE XIII - AUTHORIZING SIGNATURES (cont.)

L. Sonoran Institute

  
\_\_\_\_\_  
Luther Propst, Executive Director

8/31/00  
Date