

**DESERT SOUTHWEST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

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

**between**

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

**U.S. DEPARTMENT OF AGRICULTURE  
U.S. Forest Service, Rocky Mountain Research Station  
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)  
U.S. Army Corps of Engineers – Civil Works**

**and**

**ARIZONA BOARD OF REGENTS  
THE UNIVERSITY OF ARIZONA (HOST)  
Howard University  
New Mexico State University  
Texas State University  
University of California–Riverside  
University of Texas at El Paso  
Universidad de Sonora  
Arizona-Sonora Desert Museum  
Sonoran Institute  
The Nature Conservancy  
Organization of American Historians  
Pima County and Pima County Regional Flood Control District  
Bird Conservancy of the Rockies  
University of Texas at Arlington  
Cornerstones Community Partnerships**

**Rancho Santa Ana Botanic Garden  
CyArk  
Western National Parks Association  
University of Utah  
Archaeology Southwest  
Sky Island Alliance  
Northern Arizona University  
Arizona Game and Fish Department**

**Adding:  
Bureau of Indian Affairs**

With the exception of the changes below, all terms and conditions of the Desert Southwest CESU agreement apply to this Amendment, and this Amendment is hereby made part of the Agreement.

**ARTICLE I. BACKGROUND AND OBJECTIVES**

- A.1. The Bureau of Indian Affairs (BIA) is hereby included in the Desert Southwest CESU as a Federal Agency Partner.
- N. Bureau of Indian Affairs (BIA) is the oldest bureau of the United States Department of the Interior. Established in 1824, BIA currently provides services to approximately 1.9 million American Indians and Alaska Natives. There are 566 federally recognized American Indian tribes and Alaska Natives in the United States. The mission of the Bureau of Indian Affairs is to: "... enhance the quality of life, to promote economic opportunity, and to carry out the responsibility to protect and improve the trust assets of American Indians, Indian tribes, and Alaska Natives." BIA has responsibility for the administration and management of 55 million surface acres and 57 million acres of subsurface minerals estates held in trust by the United States for American Indian, Indian tribes, and Alaska Natives. BIA serves a special role, both serving tribes through trust management and by providing technical support and advice across a broad range of topics. The BIA is also the lead agency providing for federal management of the trust corpus held on behalf of tribal government and individual beneficial owners and as such is tasked with coordinating science, technical education, and management needs for those trust resources. The tribes, through the Indian Self-Determination and Education Assistance Act of 1975 (Pub. L. 93-638) are authorized to contract BIA management functions and as such mission needs, research results, and education efforts serve and enable tribal and BIA staff. The Act also authorized the federal government to follow specific contracting regulations for Recognized Federal Indian Tribes, and with tribal approval, tribally chartered Indian colleges and universities.

BIA participation in the CESU Network will include support, coordination, and cooperation focused on science and education for climate and trust resource management, as well as other areas within its range of mission-related services and activities. BIA is authorized to enter into cooperative agreements under the general authority for climate change via the Snyder Act of 1921, as amended, 25 U.S.C. § 13; for FY14 (2-year funding) via Pub. L. 113-76, and FY15 (2-year funding) via Pub. L. 113-164, as amended (and subsequent annual budget appropriations as may be authorized during the term of the agreement); and for any potential Forestry and Wildland Fire Management program efforts, via the National Indian Forest Resources Management Act of 1990, Pub. L. 101- 630. BIA has the authority to enter into this agreement pursuant to 25 U.S.C. § 2; the Education and Training Program, 23 U.S.C. § 6004; and Snyder Act of 1921, as amended, 25 U.S.C. § 13.

### **ARTICLE III. TERM OF AGREEMENT**

- A.1. The effective date of the Desert Southwest CESU Cooperative and Joint Venture Agreement is 7 October 2015.
- A.2. The effective date of this Amendment to the Desert Southwest CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this Amendment.

### **ARTICLE IV. KEY OFFICIALS**

- A.10. The technical representative for the Bureau of Indian Affairs is:

Rachael Novak  
Climate Science Coordinator  
Bureau of Indian Affairs  
1849 C St. NW, MIB 4633  
Washington DC, 20240  
Phone: (202) 219-1652  
rachael.novak@bia.gov

### **ARTICLE V. AWARD**

- A.1. Upon signature of all parties to this amendment, the Bureau of Indian Affairs shall commit funds to the Desert Southwest CESU Host University in furtherance of the Agreement, to be authorized and executed by a modification to the Agreement in accordance with CESU Network Council annual host institution support guidelines.

#### **ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES**

Per Article III.C.1.a, the following authorizing signatures are attached:

- (F.) A. Bureau of Indian Affairs
- (K.) B. University of Arizona (HOST)

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

(F.) A. Bureau of Indian Affairs



Michael S. Black  
Director, Bureau of Indian Affairs  
U.S. Department of the Interior

3/4/14  
Date




[name]  
Acting Grants Management Specialist

3/21/16  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

(K.) B. University of Arizona (HOST)

  
Melissa Kramer  
Contract Officer, Contract and Research Support Program

2/23/16  
Date