

**SOUTHERN APPALACHIAN MOUNTAINS  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO 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  
U.S. Forest Service (Southern Research Station)  
Natural Resources Conservation Service**

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

**and**

**UNIVERSITY OF TENNESSEE (HOST)  
Appalachian State University  
Florida A&M University  
Lincoln Memorial University  
Middle Tennessee State University  
Tennessee Technological University  
University of Kentucky  
Western Carolina University  
Western Kentucky University  
Institute for a Secure and Sustainable Environment  
Southern Appalachian Mountains CESU 2009-2014 Page 2 of 44  
Southern Appalachian Man and the Biosphere  
Virginia Polytechnic Institute and State University  
Discover Life in America**

**Adding:**

**University of North Carolina Asheville**

With the exception of the changes below, all terms and conditions of the Southern Appalachian Mountains 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**

L.2. The University of North Carolina Asheville is hereby included in the Southern Appalachian Mountains CESU as a Partner Institution.

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

A.1. The effective date of the Southern Appalachian Mountains CESU Cooperative and Joint Venture Agreement is 19 June 2009.

A.2. The effective date of this Amendment to the Southern Appalachian Mountains CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature on this Amendment.

## **ARTICLE IV. KEY OFFICIALS**

C.19. The technical representatives for the University of North Carolina Asheville are:

Jonathan Horton  
Assistant Professor  
Biology Department CPO#2440  
One University Heights  
UNC Asheville  
Asheville, NC 28804  
Phone: (828) 232-5152  
Fax: (828) 251-6892  
[jhorton@unca.edu](mailto:jhorton@unca.edu)

Gerard Voos  
Director, Contracts and Grants/CRO  
Office of Sponsored Scholarship and Programs  
UNC Asheville  
216 Lipinsky Hall, CPO 2260  
1 University Heights  
Asheville, NC 28804  
Phone; (828) 232-5040  
[gvoos@unca.edu](mailto:gvoos@unca.edu)

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

The following authorizing signatures are attached:

### 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

### U.S. DEPARTMENT OF AGRICULTURE

- E. USDA Forest Service (Southern Research Station)
- F. Natural Resources Conservation Service

### U.S. DEPARTMENT OF DEFENSE

- G. Office of the Deputy Under Secretary of Defense (Installations and Environment)
- H. US Army Corps of Engineers – Civil Works

### I. UNIVERSITY OF TENNESSEE (HOST)

- J. Appalachian State University
- K. Florida A&M University
- L. Lincoln Memorial University
- M. Middle Tennessee State University
- N. Tennessee Technological University
- O. University of Kentucky
- P. Western Carolina University
- Q. Western Kentucky University
- R. Institute for a Secure and Sustainable Environment
- S. Southern Appalachian Man and the Biosphere
- T. Virginia Polytechnic Institute and State University
- U. Discover Life in America
- V. University of North Carolina Asheville**

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

A. Bureau of Land Management

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

B. U.S. Fish and Wildlife Service

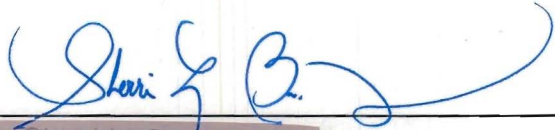


\_\_\_\_\_  
Don Calder  
Chief, Contracting and Grant Services Division

8-31-10  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

C. U.S. Geological Survey



Sherri Ly Bredesen  
Contracting Officer

08/23/10  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

D. National Park Service

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

E. USDA Forest Service, Southern Research Station

\_\_\_\_\_  
Jimmy L. Reaves  
Station Director

\_\_\_\_\_  
Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

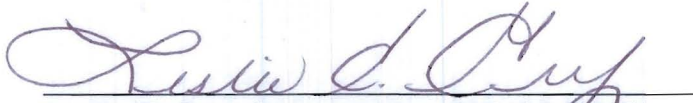
F. Natural Resources Conservation Service

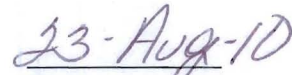
  
\_\_\_\_\_  
ELORIS D. SPEIGHT  
Deputy Chief for Management

9/3/10  
Date

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

G. Office of the Deputy Under Secretary of Defense (Installations and Environment)

  
\_\_\_\_\_  
Leslie E. Guy (representing ODUSD (I&E))  
Grants Officer

  
\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

H. U.S. Army Corps of Engineers – Civil Works

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

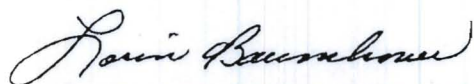
I. The University of Tennessee

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

J. Appalachian State University



9-14-10

[Print Name]: Lorin Baumhauer  
[Print Title]: Provost & Executive Vice Chancellor

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

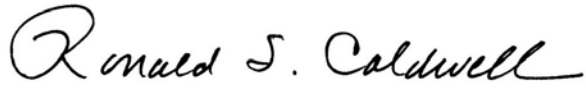
K. Florida A&M University

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

L. Lincoln Memorial University



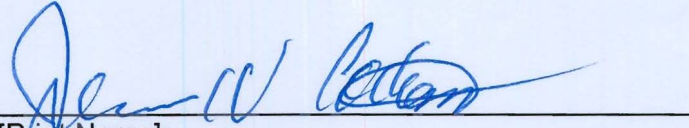
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[Print Name]: Ronald S. Caldwell  
[Print Title]: Professor of Biology and Director CMRC

21 August 2010  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Middle Tennessee State University



[Print Name]:

[Print Title]:

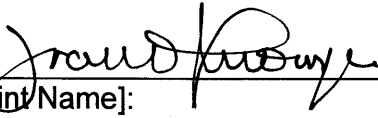
John W. Cothern  
Senior Vice President

9/3/10  
Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

N. Tennessee Technological University

  
\_\_\_\_\_  
[Print Name]:  
[Print Title]: Francis Otuonye, Ph.D.  
Assoc. VP for Research/Graduate Studies

8/30/2010  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

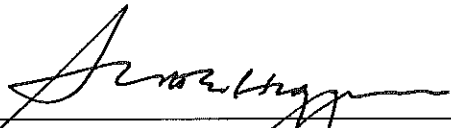
O. University of Kentucky

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Western Carolina University

  
\_\_\_\_\_  
[Print Name]: Scott E. Higgins  
[Print Title]: Dean, Graduate School  
and Research

8/26/10  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Western Kentucky University

Blaine Ferrell  
[Print Name]: Blaine Ferrell  
[Print Title]: Dean, Ogden College of Science and Engineering

8-21-10  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

R. Institute for a Secure and Sustainable Environment

\_\_\_\_\_  
[Print Name]:  
[Print Title]

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

S. Southern Appalachian Man and the Biosphere



[Print Name]:

Gary Peoples

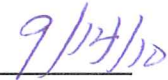
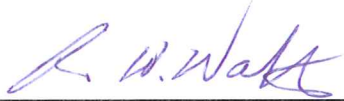
[Print Title]

Chair, SAMAB Executive Committee

8/27/10  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

T. Virginia Polytechnic Institute and State University



[Print Name]: Robert W. Walters  
[Print Title] Vice President for Research

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

U. Discover Life in America



8/29/10

[Print Name]:  
[Print Title]

Date

TODD P. WITCHER  
EXECUTIVE DIRECTOR  
DISCOVER LIFE IN AMERICA



ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of North Carolina Asheville

Jane K. Fernandes 7/8/10  
[Print Name]: JANE K. FERNANDES, Ph.D. Date  
[Print Title] Vice Chancellor for Academic Affairs and Provost