

**SOUTHERN APPALACHIAN MOUNTAINS
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT ONE 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**

Adding:

Discover Life in America

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.1. Discover Life in America 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.18. The technical representatives for Discover Life in America are:

Todd P. Witcher
Executive Director
Discover Life in America
1314 Cherokee Orchard Road
Gatlinburg, TN 37738
Phone: (865) 430-4757
Fax: (865) 430-4753
Todd@dlia.org

Patricia Dreyer Parr
Chair, DLIA Board of Directors
Natural Resources Manager
Oak Ridge National Laboratory
PO Box 2008 MS6340
Oak Ridge, TN 37831-6340
Phone: (865) 576-8123
Fax: (865) 241-5814
parrpd@ornl.gov

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**

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

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

[Print Name]:
[Print Title]:

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

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Print Name]:
[Print Title]:
(Representing ODUSD (I&E))

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

[Print Name]:
[Print Title]:

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

[Print Name]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Middle Tennessee State University

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Tennessee Technological University

[Print Name]:
[Print Title]:

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]:
[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Western Kentucky University

[Print Name]:
[Print Title]:

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]:
[Print Title]

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Virginia Polytechnic Institute and State University

[Print Name]:
[Print Title]

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

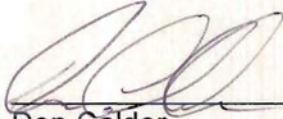
U. Discover Life in America

[Print Name]:
[Print Title]

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

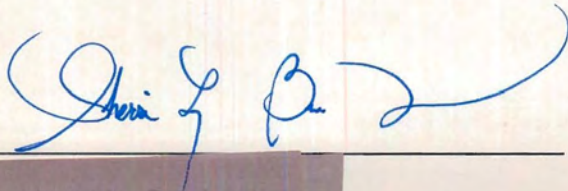


Don Calder
Chief, Contracting and Grant Services Division

2/26/2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey



Sherr Ly Bredesen
Contracting Officer


03/04/10

Date

Also and in accordance with the provisions of the contract, the undersigned hereby certifies that the above information is true and correct.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

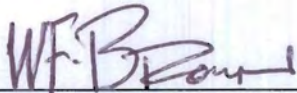


ELORIS D. SPEIGHT
Deputy Chief for Management

4-20-10
Date

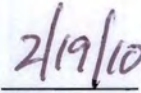
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. The University of Tennessee



[Print Name]:
[Print Title]:

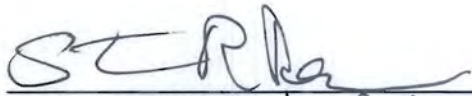
William F. Brown
Dean and Director
UT AgResearch



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Appalachian State University



[Print Name]: Stanley R. Aeschleman
[Print Title]: Provost

2/18/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Lincoln Memorial University

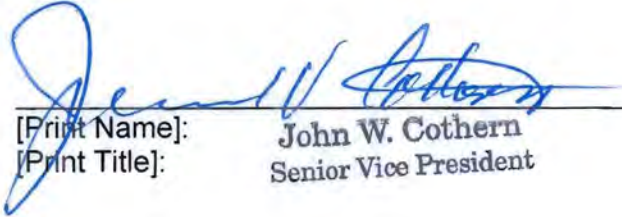
Ronald S. Caldwell

[Print Name]: Ronald S. Caldwell
[Print Title]: Director, CMRC, LMU

18 Feb. 2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Middle Tennessee State University



[Print Name]: John W. Cothern
[Print Title]: Senior Vice President

2/22/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Tennessee Technological University



[Print Name]:

2/18/10

Date

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

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

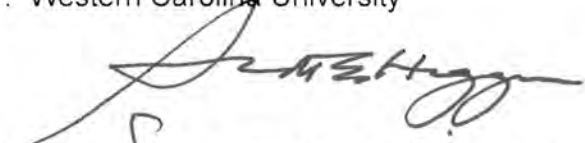
O. University of Kentucky


[Print Name]: JEFF STRINGER
[Print Title]: PROFESSOR, DEPT. OF FORESTRY

2/23/00
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Western Carolina University


Scott E. Higgins

2/18/10
Date

[Print Name]:
[Print Title]:

**Scott E. Higgins, Dean
Graduate School
and Research**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Western Kentucky University

Blaine Ferrell 2-26-10
[Print Name]: Blaine Ferrell Date
[Print Title]: Dean, Ogden College of Science and Engineering

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Virginia Polytechnic Institute and State University

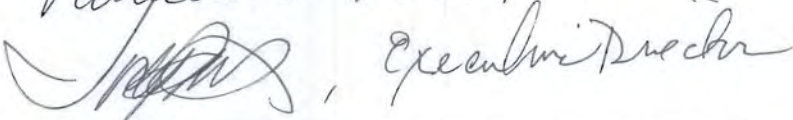


[Print Name]: Robert W. Walters
[Print Title] Vice President of Research

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Discover Life in America

Patricia D. Parr, Board Chair 02-10-10
, Executive Director 02-10-10

[Print Name]:
[Print Title]

Date