

**SOUTHERN APPALACHIAN MOUNTAINS
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FOUR to
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

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

**U.S. DEPARTMENT OF AGRICULTURE
U.S. Forest Service (Southern Research Station)
Natural Resources Conservation Service**

**U.S. 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
University of North Carolina Asheville
East Tennessee State University
Tennessee Aquarium Conservation Institute**

Adding:

**Austin Peay State University
Jacksonville State University
Marshall University
The University of the South**

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.4. Austin Peay State University, Jacksonville State University, Marshall University, and The University of the South are hereby included in the Southern Appalachian Mountains CESU as Partner Institutions.

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.22. The technical representatives for **Austin Peay State University** are:

Andrew Shepard-Smith
Director of Grants and Sponsored Research
Austin Peay State University
P.O. Box 4517
Clarksville, TN 37044
Phone: (931) 221-7881
Fax: (931) 221-7304
shepardsmitha@apsu.edu

Dr. Steven W. Hamilton
Director, Center of Excellence for Field Biology

Austin Peay State University
P.O. Box 4718
Clarksville, TN 37044
Phone: (931) 221-7783
Fax: (931) 221-6372
hamiltonsw@apsu.edu

C.23. The technical representative for **Jacksonville State University** is:

Mark Meade
Department of Biology
Jacksonville State University
700 Pelham Road North
Jacksonville, AL 36265
Phone: (256) 782-5638
mmeade@jsu.edu

C.24. The technical representative for **Marshall University** is:

Joe Ciccarello
Director, Grant/Contract Development
Marshall University
Coal Exchange, 14th Floor
Huntington, WV 25755
Phone: 304.696.4837
Fax: 304.697.3885
ciccarello@marshall.edu

C.25. The technical representative for **The University of the South** is:

Leigh Lentile
Sponsored Research Officer
The University of the South
735 University Avenue
Sewanee, TN 37383-1000
Phone: (931) 598-1408
Fax: (931) 598-1899
lblentil@sewanee.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
- W. East Tennessee State University
- X. Tennessee Aquarium Conservation Institute
- Y. **Austin Peay State University**
- Z. **Jacksonville State University**
- AA. **Marshall University**
- BB. **The University of the South**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Dr. John G. Lyon
State Director, Eastern States

Date



Lisa T. Clayton
Grants Management Officer

1.17.13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

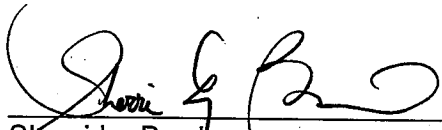


Don Calder
Chief, Contracting and Grant Services Division

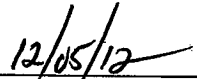
12/4/2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey



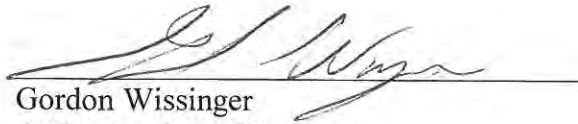
Sherri Ly Bredesen
Contracting Officer



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

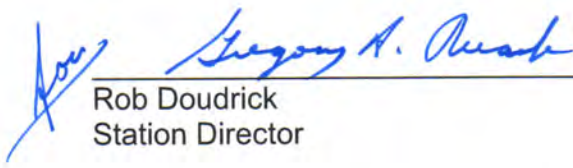


Gordon Wissinger
Acting Regional Director
Southeast Region

1/18/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

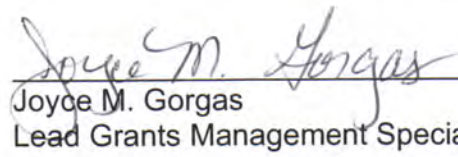
E. USDA Forest Service, Southern Research Station



Rob Doudrick
Station Director

12-4-12
Date

The authority and format of this instrument has been reviewed and approved for award.

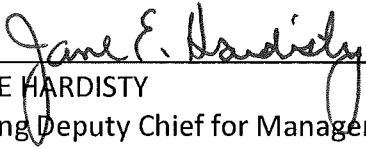


Joyce M. Gorgas
Lead Grants Management Specialist

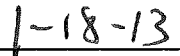
12-4-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service



JANE HARDISTY
Acting Deputy Chief for Management



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

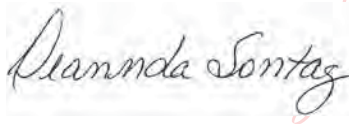
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Leslie E. Guy
Grants Officer
(Representing ODUSD (I&E))

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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



Digitally signed by
SONTAG.DEANNDAS.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SONTAG.DEANNDAS.1230791909
Date: 2013.01.11 09:23:47 -06'00'

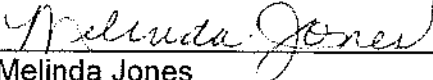
Deanna Sontag
Grants Officer

11 Jan 2013

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

1. The University of Tennessee

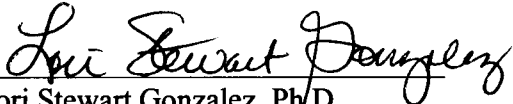


Melinda Jones
Budget Director, UT AgResearch

1/11/2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Appalachian State University


Lori Stewart Gonzalez, Ph.D.
Provost and Executive Vice Chancellor

1-9-13
Date



ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Florida A&M University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Lincoln Memorial University

Ronald S. Caldwell

[Print Name]:

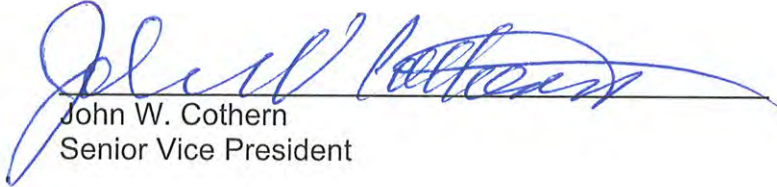
[Print Title]: Ronald S. Caldwell
Professor of Biology
Director, CMRC

10 Dec. 2012

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Middle Tennessee State University



John W. Cothran
Senior Vice President

1/4/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Tennessee Technological University



Francis Otuonye, Ph.D.
Associate Vice President for Research/Graduate Studies

12/20/2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Kentucky



Terrell T. Baker
Department Chair, Department of Forestry

12-11-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Western Carolina University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

[Print Name]:

[Print Title]:

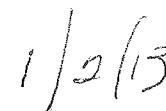
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Western Kentucky University



Nancy Mager
Director, WKU Office of Sponsored Programs



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Institute for a Secure and Sustainable Environment

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Randall Gentry
Director

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Southern Appalachian Man and the Biosphere

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

[Print Name]:
[Print Title]

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Virginia Polytechnic Institute and State University



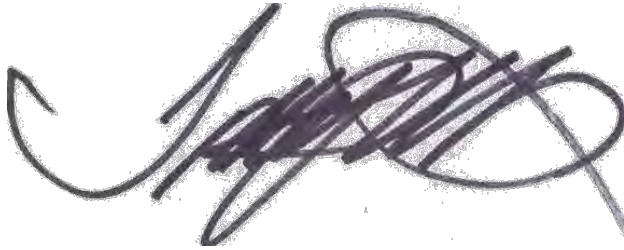
Janaki R.R. Alavalapati
Professor and Department Head
Department of Forest Resources and Environmental Conservation

Dec 11, 2012

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Discover Life in America

A handwritten signature in dark ink, appearing to read 'Todd P. Witcher', written over a horizontal line.

Todd P. Witcher
Executive Director

1/4/2013
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of North Carolina Asheville

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Keith E. Drumpe
Dean of Natural Sciences and Professor of Chemistry

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. East Tennessee State University

William R. Duncan

Dr. William R. Duncan
Vice Provost for Research

1-10-13

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Tennessee Aquarium Conservation Institute

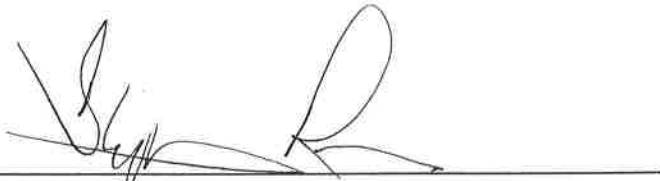


Gordon A. Stalans
Division of Finance

1/15/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Austin Peay State University




[Print Name] Stephanie Reeves
[Print Title] University Attorney

11/2/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Jacksonville State University



[Print Name]: G. Clint Carlson, II
[Print Title] Vice President of Admin & Bus Affairs

11/19/2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Marshall University

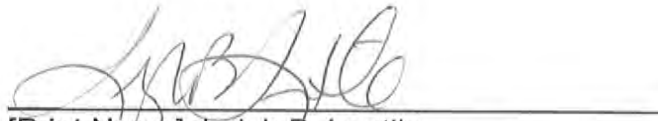


[Print Name] John M. Maher, Ph.D.
[Print Title] Exec. Dir., MU Research Corp.

Nov 27, 2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. The University of the South



[Print Name]: Leigh B. Lentile
[Print Title]: Sponsored Research Officer

11/19/12
Date



[Print Name]: Nancy J. Berner
[Print Title]: Associate Provost

11-26-2012
Date