

**SOUTHERN APPALACHIAN MOUNTAINS
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT THREE 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)**

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
Great Smoky Mountains Conservation Association
Joint Institute for Energy and the Environment
Oak Ridge National Laboratory
Southern Appalachian Man and Biosphere**

**Adding the
Virginia Polytechnic Institute and State University**

With the exception of the changes below, all terms and conditions of the Southern Appalachian Mountains CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES

J.1. Virginia Polytechnic Institute and State University is 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 18 June 2004.

A.4. 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

A.13. The technical representative for Virginia Polytechnic Institute and State University ("Virginia Tech") is as follows:

Harold Burkhart, Professor
Head, Department of Forestry
Virginia Tech
Blacksburg, VA 24061
Phone: 540-231-6952
Fax: 540-231-3698
burkhart@vt.edu

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this amendment:

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
- F. Natural Resources Conservation Service

G. U.S. DEPARTMENT OF DEFENSE
Office of the Deputy Under Secretary of Defense (Installations and Environment)
U.S. Army Engineer Research and Development Center (Representing ODUSD)

H. UNIVERSITY OF TENNESSEE

- I. Appalachian State University
- J. Florida A&M University
- K. Lincoln Memorial University
- L. Middle Tennessee State University
- M. Tennessee Technological University
- N. University of Kentucky
- O. Western Carolina University
- P. Western Kentucky University
- Q. Great Smoky Mountains Conservation Association
- R. Joint Institute for Energy and the Environment
- S. Oak Ridge National Laboratory
- T. Southern Appalachian Man and Biosphere
- U. Virginia Polytechnic Institute and State University**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

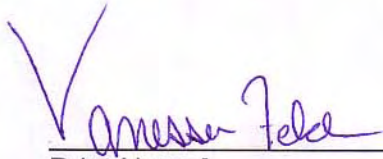
A. Bureau of Land Management



Michael D Nedd: 9/22/05
State Director Date

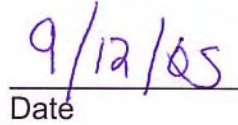
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management



Print Name]:

[Print Title]:



Date

Print Name]:

[Print Title]:

Date

ARTICLE XII - AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service



[Print Name]:

[Print Title]:

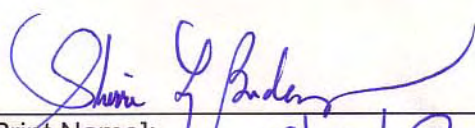
**Donald H. Calder
Deputy Chief/Procurement Analyst**

9/21/05

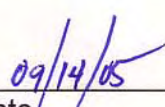
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey



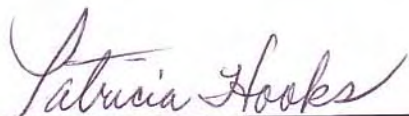
Print Name]: Sherri L. Bredesen
[Print Title]: Contracting Officer



Date

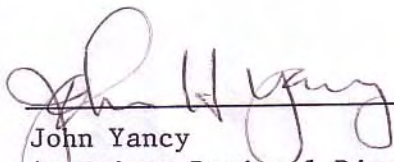
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service



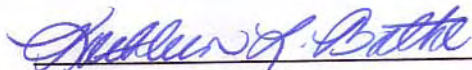
Patricia Hooks
Regional Director
Southeast Region

9/13/05
Date



John Yancy
Associate Regional Director
Natural Resource Stewardship and Science
Southeast Region

9/12/05
Date

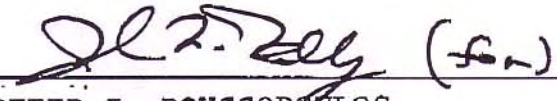


Kathleen L. Batke
Contracting Officer
Southeast Region

9/14/05
Date

ARTICLE XII, AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S.D.A. Forest Service
Southern Research Station

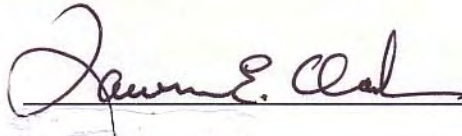


PETER J. ROUSSOPOULOS
Station Director

10/3/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

 _____

9/2/05
Date

Lawrence Clark
Deputy Chief for Science and Technology

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

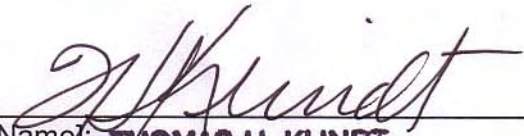


[Print Name]: Gregory E. Denman
[Print Title]: Grant Officer
(Representing ODUSD (I&E))

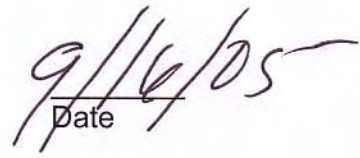
Sep 12, 2005
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. The University of Tennessee

X 

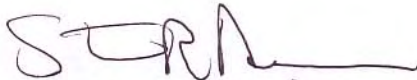
[Print Name]: **THOMAS H. KLINDT**
[Print Title]: **INTERIM DEAN**



Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

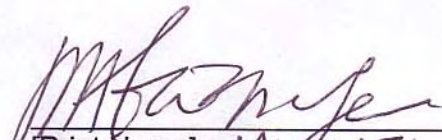
I. Appalachian State University


Stanley R. Aschleman
[Print Name]:
[Print Title]: Provost and Executive
vice Chancellor

12/6/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Florida A&M University


[Print Name]: MICHAEL ABAZINGE
[Print Title]: PROFESSOR.

9/12/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

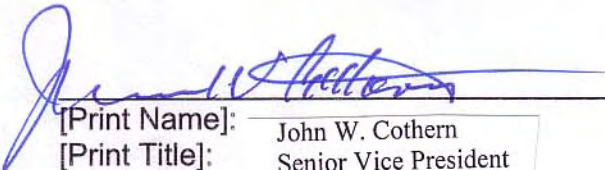
K. Lincoln Memorial University

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

12 Sept. 2005
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Middle Tennessee State University


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

10/22/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

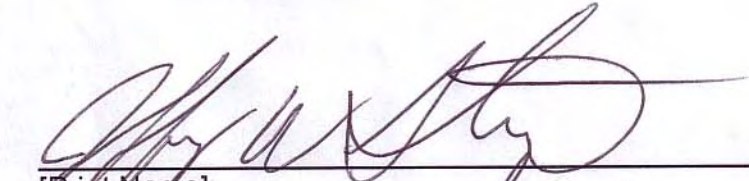
M. Tennessee Technological University

Daniel L. Combs
[Print Name]: Daniel L. Combs
[Print Title]: Chair, Dept. of Biology

9/12/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Kentucky

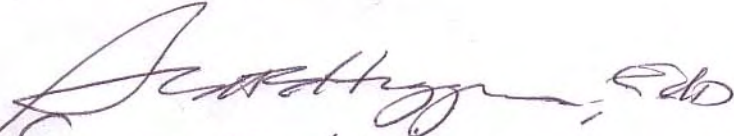


[Print Name]:
[Print Title]: JEFF STRANGER
ASSOCIATE PROFESSOR

9/26/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Western Carolina University


Scott E. Higgins

10/24/05
Date

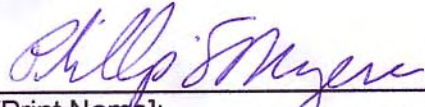
[Print Name]:

[Print Title]:

Interim Dean, Research
and Graduate Studies

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Western Kentucky University



[Print Name]:

PHILIP E. MYERS, Ph.D.

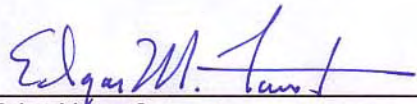
[Print Title]:

Director, Office of Sponsored Programs
Authorized Administrative
Representative

9/13/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Great Smoky Mountains Conservation Association

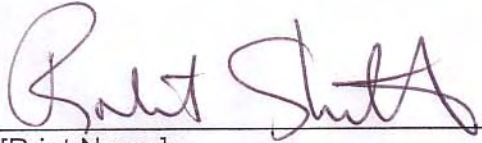


[Print Name]: EDGAR M. FAUST
[Print Title] ASST. SEC. GREAT SMOKY MOUNTAINS CONSERVATION ASSOCIATION

15 SEPT '05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Joint Institute for Energy and the Environment



[Print Name]:

[Print Title]

Robert B. Shelton
Executive Director

09/19/05
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Oak Ridge National Laboratory

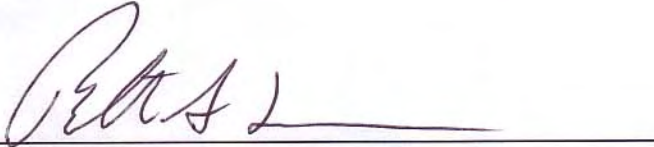
[signature not needed per Article III.C.1 of the agreement]

[Print Name]:
[Print Title]

Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Southern Appalachian Man and Biosphere

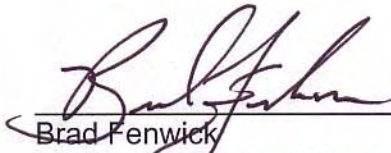


[Print Name]: Robert S. Turner
[Print Title] Executive Director

9/21/08
Date

ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Virginia Polytechnic Institute and State University



Brad Fenwick
Vice President for Research

8/30/05
Date