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:
State Director

[Signature] 9/22/05

Date
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Print Name]:
[Print Title]:

9/12/05
Date

Print Name]:
[Print Title]:

Date
ARTICLE XII - AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

[Signature]

[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

[Signature]

Print Name: [Signature]  Date: 09/14/05
[Print Title]: [Signature]

Contracting Officer
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  

9/14/05  
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

[Signature]

PETER J. ROUSSOPOLOS
Station Director

10/13/05
Date
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

[Signature]

Lawrence Clark
Deputy Chief for Science and Technology

9/12/05
Date
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Signature]

[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

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

Date: 9/16/05
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. Appalachian State University

[Signature]
Stanley R. Ascalon

[Print Name]:
[Print Title]: Provost and Executive Vice Chancellor

[Date]: 12/6/05

Southern Appalachian Mountains CESU, Amendment Three,
Virginia Polytechnic Institute and State University
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Florida A&M University

[Print Name]: MICHAEL ABARINJE
[Print Title]: PROFESSOR

7/12/05

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

Date: 18/29/05
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Tennessee Technological University

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

Date: 9/12/05
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Kentucky

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

Date: 9/26/05
O. Western Carolina University

Scott E. Higgins

[Print Name]:
[Print Title]: Interim Dean, Research and Graduate Studies

Date: 10/24/05
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Western Kentucky University

[Print Name]: PHILLIP 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]:
[Print Title]:

EDGAR M. FAUST
ASS'T. 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]: Robert B. Shelton
[Print Title]: Executive Director

Date: 09/19/05
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

9/2/65

Date
ARTICLE XII. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Virginia Polytechnic Institute and State University

Brad Fenwick
Vice President for Research

8/30/05
Date