SOUTHERN APPALACHIAN MOUNTAINS
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT THREE 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 Man and the Biosphere
Virginia Polytechnic Institute and State University
Discover Life in America
University of North Carolina Asheville
Adding:

East Tennessee State University
Tennessee Aquarium Conservation Institute

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.3. The East Tennessee State University and the Tennessee Aquarium Conservation Institute 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.20. The technical representatives for East Tennessee State University are:

Dr. Jim L. Mead
Chair, Department of Geosciences
East Tennessee State University
100 CR Drive, Box 70357
Johnson City, TN 37614
Phone: (423) 439-7515
Fax: (423) 439-7520
Mead@etsu.edu

Dr. William R. Duncan
Vice Provost for Research and Sponsored Programs
Box 70565
East Tennessee State University
Johnson City, TN 37614
C.21. The technical representatives for the Tennessee Aquarium Conservation Institute are:

Gordon Stalans  
Director of Finance  
Tennessee Aquarium  
One Broad Street  
Chattanooga, TN 37402  
Phone: (423) 785-2054  
Fax: (423) 756-1849  
gas@tnaqua.org

Dr. Anna L. George  
Director  
Tennessee Aquarium Conservation Institute  
PO Box 11048  
Chattanooga, TN 37401  
Phone: (423) 785-4171  
Fax: (423) 267-3561  
alg@tnaqua.org

Jackson C. Andrews  
Director of Operations and Husbandry  
Tennessee Aquarium  
One Broad Street  
Chattanooga, TN 37402  
Phone: (423) 785-4006  
Fax: (423) 267-3561  
jca@tnaqua.org

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
A. Bureau of Land Management

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.

______________________________        Date
[Print Name]:
[Print Title]:

______________________________        Date
[Print Name]:
[Print Title]:
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

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.

Don Calder
Chief, Contracting and Grant Services Division
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

[Signature]
Sherri Ly Bredesen
Contracting Officer

[Date] 06/13/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

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]:          Date
[Print Title]:

[Print Name]:          Date
[Print Title]:

[Print Name]:          Date
[Print Title]:
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. USDA Forest Service, Southern Research Station

Felicie Sandie

for Jimmy E. Reaves
Station Director

Rob Doudrick

4/3/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

\[\text{Signature}\]

ELORIS D. SPEIGHT
Deputy Chief for Management

Date: 6/30/11

Southern Appalachian Mountains CESU, Amendment Three, ETSU and TNACI
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Signature]

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

8-Jul-11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

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]: ___________________________ Date:
[Print Title]: ___________________________
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. The University of Tennessee

[Signature]

[Print Name]: Melinda Jones
[Print Title]: Budget Director
UT AgResearch

[Date]: 2/9/2017
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Appalachian State University

[Signature]

[Print Name]: Lorin A. Baumhover, Ph. D.
[Print Title]: Interim Provost and Executive Vice Chancellor

6-20-11
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]: Date

[Print Title]:

_____________________________
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Lincoln Memorial University

[Print Name]:
[Print Title]:

[Signature]

11 July 2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Middle Tennessee State University

[Signature]

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

[Date]: 4/8/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Tennessee Technological University

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

Date: 7/7/2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Kentucky

[Print Name]: TERRELL J. BAKER
[Print Title]: DEPT. CHAIR, DEPT. OF FORESTRY

13 June 2011
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]: ____________________________  Date
[Print Title]:


ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Western Kentucky University

[Print Name]: Nancy Mager
[Print Title]: Director, WKU Office of Sponsored Programs
1906 College Heights Blvd., #11026
Bowling Green, KY 42101-1026
Phone (270) 745-6257
Fax (270) 745-4211
E-mail: sponsored.programs@wku.edu

7/8/16
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Institute for a Secure and Sustainable Environment

[Signature]

Randall Gentry
Director

06/06/2011
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

[Signature]

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

Date: 6/6/2011
U. Discover Life in America

[Signature]

[Print Name]:
[Print Title]

TODD P. WITCHER
EXECUTIVE DIRECTOR

7/15/2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of North Carolina Asheville

[Print Name]: KEITH E. KRUMPE
[Print Title] DEAN OF NATURAL SCIENCES
and PROFESSOR OF CHEMISTRY

7/11/11 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. East Tennessee State University

[Print Name]: Dr. William R. Duncan
[Print Title]: Vice Provost for Research

[Signature]

Date: 5/25/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Tennessee Aquarium Conservation Institute

[Signature]

[Print Name] Gordon A. Stamps
[Print Title] Div. of Finance

5/13/11

Date