PIEDMONT – SOUTH ATLANTIC COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT TWO to
COOPERATIVE and JOINT VENTURE AGREEMENT

between

U.S. DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Geological Survey
National Park Service
U.S. Fish and Wildlife 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),
Naval Hospital – Beaufort, SC
U.S. Army Corps of Engineers – Civil Works

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

and

UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. (HOST)
Auburn University
Clemson University
Florida A&M University
North Carolina State University
University of Central Florida
University of Florida
Audubon of Florida
Audubon of North Carolina
Audubon of South Carolina
East Carolina University
University of South Carolina
With the exception of the changes below, all terms and conditions of the Piedmont – South Atlantic Coast 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. The following institutions, Christopher Newport University, The Citadel, and the University of North Carolina Wilmington, are hereby included in the Piedmont – South Atlantic Coast CESU as Partner Institutions.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Piedmont – South Atlantic Coast CESU Cooperative and Joint Venture Agreement is 01 July 2008.

A.2. The effective date of this amendment to the Piedmont – South Atlantic Coast CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

ARTICLE IV. KEY OFFICIALS

C.16. The technical representative for Christopher Newport University is:

Dr. David Doughty  
Interim Dean, College of Natural and Behavioral Sciences  
Christopher Newport University  
1 University Place  
Newport News, VA 23606  
Phone: (757) 594-7365  
Fax: (757) 594-7304  
doughty@pcs.cnu.edu
C.17. The technical representative for The Citadel is:

Dr. Danny Gustafson, Associate Professor  
Department of Biology  
The Citadel  
Charleston, SC 29409  
Phone: (843) 953-5203  
Fax: (843) 953-7264  
danny.gustafson@citadel.edu

C.18. The technical representative for the University of North Carolina Wilmington is:

Dr. Robert Roer  
Dean of the Graduate School and Research  
University of North Carolina Wilmington  
Wilmington, NC 28403  
Phone: (910) 962.4117  
Fax: (910) 962.3787  
roer@uncw.edu

ARTICLE XIV. 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. U.S. Forest Service  
F. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE  
G. Office of the Deputy Under Secretary of Defense (Installations and Environment), Naval Hospital – Beaufort, SC  
H. U.S. Army Corps of Engineers – Civil Works

U.S. Department of Commerce  
I. National Oceanic and Atmospheric Administration

J. THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.  
K. Auburn University
L. Clemson University
M. Florida A&M University
N. North Carolina State University
O. University of Central Florida
P. University of Florida
Q. Audubon of Florida
R. Audubon of North Carolina
S. Audubon of South Carolina
T. East Carolina University
U. University of South Carolina
V. North Carolina Agriculture and Technical State University
W. Towson University
X. University of South Florida
Y. Southern Forest Research Partnership
Z. Christopher Newport University
AA. The Citadel
BB. University of North Carolina Wilmington
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

Donald H. Calder
Chief, Div. of Contracting and Grant Services
US Fish and Wildlife Service, Southeast Region

7-20-2010
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

[Signature]
Sherri Ly Bredesen
Contracting Officer

07/15/16
Date
ARTICLE XIV.  AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

__________________________________________________________________________  __________
[Print Name]:                          Date
[Print Title]:

__________________________________________________________________________  __________
[Print Name]:                          Date
[Print Title]:

__________________________________________________________________________  __________
Cheryl Richardson                    Date
Contracting Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. USDA Forest Service, Southern Research Station

[Signature]

Jimmy L. Reaves  
Station Director

7-12-10

Date

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

[Signature]

Joyce M. Gorgas  
Grants and Agreements Specialist  
Southern Research Station

7/9/2010

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

[Signature]
ELORIS D. SPEIGHT
Deputy Chief for Management

[Date]
27 July 10
ARTICLE XIV – AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

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

Date 29 July 10
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Signature]

[Print Name]:
[Print Title]:

12 July 2010
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. National Oceanic and Atmospheric Administration

[Signature]

[Print Name]: Bonnie J. Norwith
[Print Title]: Director, Southeast Fisheries
Science Center, NOAA,
NWFSC

[Date]: 7-26-2010
J. The University of Georgia Research Foundation, Inc.

[Print Name]: Jacob Maas
[Print Title]: Senior Grants Officer

7/9/2010
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Auburn University

John M. Mason

John M. Mason
Associate Provost and
Vice President for Research

07/13/10

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Clemson University

[Print Name]: John Ballato
[Print Title]: John Ballato, Ph.D.
Interim Vice President for Research

Date: 7/14/10
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Florida Agricultural and Mechanical University

[Print Name]: K. Ken Redda, Ph.D.
[Print Title]: Professor and Acting Vice President

08/10/10
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. North Carolina State University

[Print Name]: Matt Ronning  
[Print Title]: Associate Vice Chancellor  

July 11, 2010  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. University of Central Florida

[Print Name]:
Josephine Combs

[Print Title]:
Contract Manager

[Date]:
21/09/2010
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Florida

[Print Name]:
[Print Title]:

Brian Prindle
Associate Director of Research

7/14/10

Date
Q. Audubon of Florida

[Print Name]  Jerome J. Lorenz
[Print Title]  Research Director

19 JULIO
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Audubon of North Carolina

[Signature]

[Print Name]: Jerome J. Loreze
[Print Title]: CESU Representative

[Date]: 17 Jul 10
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Audubon of South Carolina

[Print Name]: Jerome V. Lawrence
[Print Title]: CESU Representative

19 Jul 10
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. East Carolina University

[Print Name]: Maryellen O'Brien
[Print Title]: Director
Office of Sponsored Programs

[Signature]

7/19/10
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of South Carolina

Thomas Coggins

[Print Name]: Thomas Coggins
[Print Title]: Director, Office of Sponsored Awards Management

Digitally signed by Thomas Coggins
DN: cn=Thomas Coggins, ou=University of South Carolina, ou=Sponsored Awards Management, email=tcoggins@mailbox.sc.edu, c=US
Date: 2010.07.12 13:41:32 -04'00'

July 12, 2010

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. North Carolina Agricultural and Technical State University

[Print Name]: Donald L. McDowell
[Print Title]: Interim Dean, SAES

7/19/10 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Towson University

[Print Name]: R. A. Seibert
[Print Title]: Professor and Chair

7-13-10
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. University of South Florida

[Print Name]:
[Print Title]:

Date: 7/3/10
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Southern Forest Research Partnership

[Signature]

[Print Name]: Mike Zyklo
[Print Title]: Executive Director

7/22/10
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Christopher Newport University

[Signature]
Mark Padilla
Provost

7/15/10
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. The Citadel

[Signature]
(Charles W. Groetsch, Dean, School of Science & Mathematics)

5/24/2010
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. University of North Carolina Wilmington

[Print Name]: Dr. Robert Roer
[Print Title]: Dean of the Graduate School
               and Research
               Chief Research Officer

17 May 2010
Date