

**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**

**North Carolina Agricultural and Technical State University  
Towson University  
University of South Florida  
Southern Forest Research Partnership**

**Adding:**

**Christopher Newport University  
The Citadel  
University of North Carolina Wilmington**

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](mailto: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](mailto: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](mailto: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



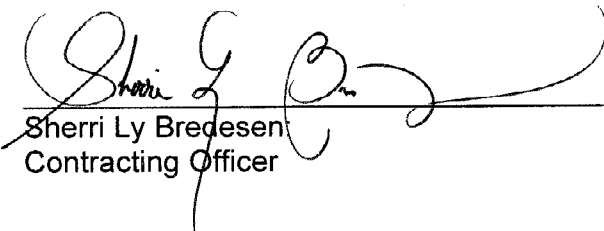
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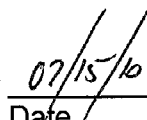
Donald H. Calder  
Chief, Div. of Contracting and Grant Services  
US Fish and Wildlife Service, Southeast Region

7-20-2010  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

C. U.S. Geological Survey

  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

  
\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

D. National Park Service

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date


\_\_\_\_\_  
Cheryl Richardson  
Contracting Officer

\_\_\_\_\_  
Date



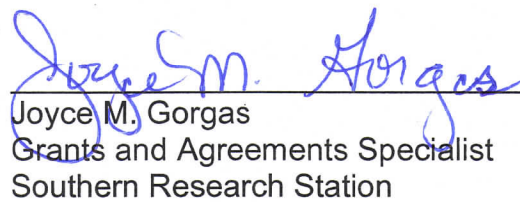
**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

E. USDA Forest Service, Southern Research Station

  
\_\_\_\_\_  
Jimmy L. Reaves  
Station Director

7-12-10  
Date

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

  
\_\_\_\_\_  
Joyce M. Gorgas  
Grants and Agreements Specialist  
Southern Research Station

7/9/2010  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

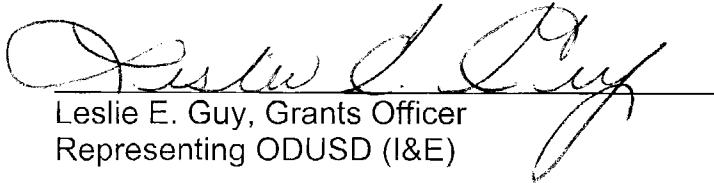
F. Natural Resources Conservation Service

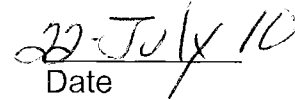
  
ELORIS D. SPEIGHT  
Deputy Chief for Management

21 Jul 10  
Date

**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

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

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

*Michael D. Lee*

[Print Name]:


[Print Title]:

*12 July 2010*

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**


I. National Oceanic and Atmospheric Administration

  
[Print Name]: *Bonnie J. Powell*  
[Print Title]: *Director, Southeast Fisheries  
Science Center, NOAA,  
NMFS*

*7-26-2010*  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

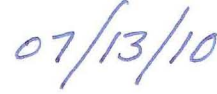
J. The University of Georgia Research Foundation, Inc.

  
\_\_\_\_\_  
[Print Name]: *Jacob Maas*  
[Print Title]: *Senior Grants Officer*

*7/9/2010*  
\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Auburn University



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[Print Name]:

[Print Title]: John M. Mason  
Associate Provost and  
Vice President for Research

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Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Clemson University

  
\_\_\_\_\_  
[Print Name]:  
[Print Title]:

**John Ballato, Ph.D.  
Interim Vice President  
for Research**

7/14/10  
Date

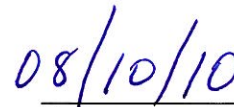


**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

M. Florida Agricultural and Mechanical University



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



\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

N. North Carolina State University




July 11, 2010

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

\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

O. University of Central Florida

  
\_\_\_\_\_  
[Print Name]:  
[Print Title]:        Josephine Combs  
                                 Contract Manager

7/29/2010  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

P. University of Florida



7/14/10

\_\_\_\_\_  
[Print Name]:


\_\_\_\_\_  
Date

[Print Title]:

Brian Prindle  
Associate Director of Research

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Audubon of Florida

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

19 JUL 10  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)


R. Audubon of North Carolina

  
[Print Name]: Jerome J. Lorenz  
[Print Title]: GESU Representative

19 JUL 10  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Audubon of South Carolina

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

19 JUL 10  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. East Carolina University

  
\_\_\_\_\_  
[Print Name]:  
[Print Title]:

Maryellen O'Brien, Director  
Office of Sponsored Programs

  
\_\_\_\_\_  
Date



**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

U. University of South Carolina

**Thomas  
Coggins**

Digitally signed by Thomas Coggins  
DN: cn=Thomas Coggins, o=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**

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

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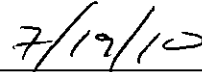
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

V. North Carolina Agricultural and Technical State University



[Print Name]: Donald R. McDowell  
[Print Title]: Interim Dir., SAES



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Towson University

R A Seiber

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

7-13-10

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**


X. University of South Florida

  
\_\_\_\_\_  
[Print Name]:  
[Print Title]:

7/13/10  
\_\_\_\_\_  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

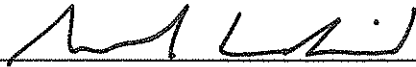
Y. Southern Forest Research Partnership

  
\_\_\_\_\_  
[Print Name]: Mike Zytko  
[Print Title]: Executive Director

7/22/10  
Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

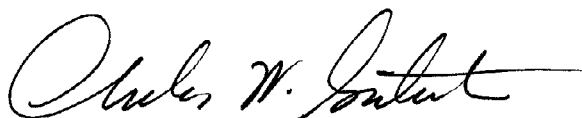
**Z. Christopher Newport University**

  
\_\_\_\_\_  
Mark Padilla  
Provost

7/15/10  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. The Citadel




5/24/2010

[Print Name]: Charles W. Groetsch  
[Print Title]: Dean, School of Science  
& Mathematics

Date

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

**BB. University of North Carolina Wilmington**



17 May 2010

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

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Date