

**PIEDMONT – SOUTH ATLANTIC COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT FIVE 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
Bureau of Ocean Energy Management**

**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**

**Christopher Newport University
The Citadel
University of North Carolina Wilmington
University of West Georgia
Duke University
University of North Carolina-Chapel Hill
National Wildlife Federation
Project Orianna, Ltd.
College of Charleston**

**Adding:
Georgia Department of Natural Resources Wildlife Resources Division
Marshall University**

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.4. The Georgia Department of Natural Resources Wildlife Resources Division and Marshall University are hereby included in the Piedmont – South Atlantic Coast CESU as a 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.25. The technical representative for Georgia Department of Natural Resource Wildlife Resources Division is:

Mike Harris
Chief, Nongame Conservation Section
Georgia DNR Wildlife Resources Division

2070 U.S. Highway 278, SE
Social Circle, GA 30025
Phone: (770) 761-3035
mike.harris@dnr.state.ga.us

C.26. The technical representative for Marshall University is:

Joe Ciccarello
Director, Grant/Contract Development
Marshall University
Coal Exchange, 14th Floor
Huntington, WV 25755
Phone: 304.696.4837
Fax: 304.697.3885
ciccarello@marshall.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
- E. Bureau of Ocean Energy Management

U.S. DEPARTMENT OF AGRICULTURE

- F. U.S. Forest Service, Southern Research Station
- G. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

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

U.S. Department of Commerce

- J. National Oceanic and Atmospheric Administration

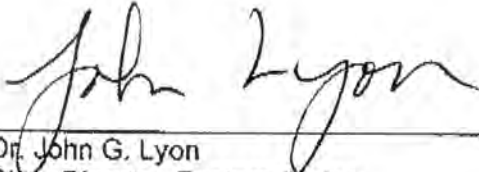
K. THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.

- L. Auburn University
- M. Clemson University
- N. Florida A&M University
- O. North Carolina State University
- P. University of Central Florida

- Q. University of Florida
- R. Audubon of Florida
- S. Audubon of North Carolina
- T. Audubon of South Carolina
- U. East Carolina University
- V. University of South Carolina
- W. North Carolina Agriculture and Technical State University
- X. Towson University
- Y. University of South Florida
- Z. Southern Forest Research Partnership
- AA. Christopher Newport University
- BB. The Citadel
- CC. University of North Carolina Wilmington
- DD. University of West Georgia
- EE. Duke University
- FF. University of North Carolina-Chapel Hill
- GG. National Wildlife Federation
- HH. Project Orianna, Ltd.
- II. College of Charleston
- JJ. Georgia Department of Natural Resources Wildlife Resources Division**
- KK. Marshall University**

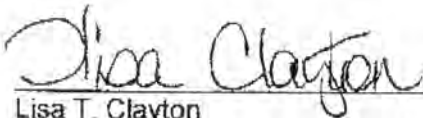
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management



Dr. John G. Lyon
State Director, Eastern States

01 14 2013
Date



Lisa T. Clayton
Grants Management Officer

1.7.13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

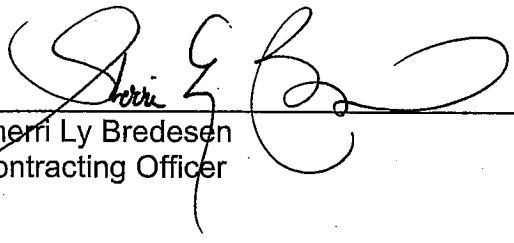


Don Calder
Chief, Division of Contracting and Grant Services
U.S. Fish and Wildlife Service, Southeast Region

12/11/2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

12/12/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service


Gordon Wissinger
Acting Regional Director
Southeast Region

11/18/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Bureau of Ocean Energy Management



Rodney Cluck
Chief, Division of Environmental Sciences

Date 1/7/13

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service, Southern Research Station

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.

Robert L. Doudrick
Station Director

Date

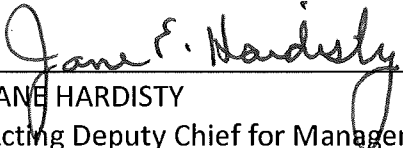
The authority and format of this instrument has been reviewed and approved for signature.

Joyce M. Gorgas
Grants and Agreements Specialist
Southern Research Station

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service



JANE HARDISTY
Acting Deputy Chief for Management

1-18-13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Office of the Deputy Under Secretary of Defense (Installations and Environment)

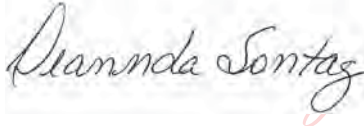
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Derek Gadberry, Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

 Digitally signed by
SONTAG.DEANNDAS.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SONTAG.DEANNDAS.1230791909
Date: 2012.12.20 17:37:52 -06'00'

Deanna Sontag
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. National Oceanic and Atmospheric Administration

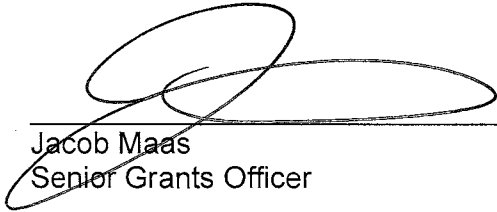
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Gary Reisner
Director, Management and Budget Office
National Marine Fisheries Service
National Oceanic and Atmospheric Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. The University of Georgia Research Foundation, Inc. (HOST)




Jacob Maas
Senior Grants Officer

12/11/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Auburn University

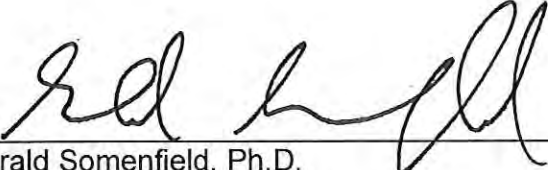


John M. Mason
Associate Provost and
Vice President for Research

12/19/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Clemson University



Gerald Somenfield, Ph.D.
Vice President for Research

KDE

12/17/2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Florida Agricultural and Mechanical University



K. Ken Redda, Ph.D.
Professor and Acting Vice President for Research

01-24-13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. North Carolina State University



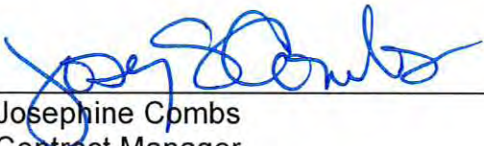
12/18/2012

Matt Ronning
Associate Vice Chancellor

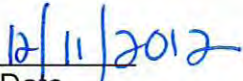
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Central Florida



Josephine Combs
Contract Manager



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Florida



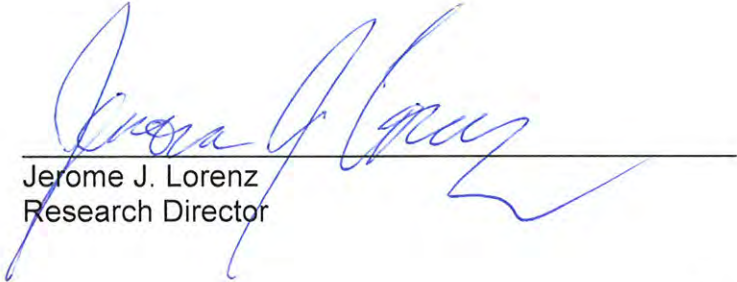
Brian Prindle
Associate Director of Research

12/10/12

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Audubon of Florida



Jerome J. Lorenz
Research Director

11 DEC 12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Audubon of North Carolina




Jerome J. Lorenz
CESU Representative

11 DEC 12

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Audubon of South Carolina

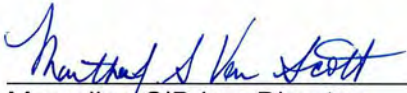


Jerome J. Lorenz
CESU Representative

11 DEC 12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. East Carolina University



~~Maryellen O'Brien, Director
Office of Sponsored Programs~~

12/19/2012
Date

**Martha J. S. Van Scott, Interim Director
Office of Sponsored Programs**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of South Carolina



Thomas Coggins
Director, Office of Sponsored Awards Management

1/7/13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. North Carolina Agricultural and Technical State 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.

William Randle
Dean
School of Agriculture and Environmental Sciences

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Towson University



R. A. Seigel
Professor and Chair
Department of Biological Sciences

12-13-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. University of South Florida



Travis F. Doering
Research Assistant Professor
Office of Research and Scholarship

12-18-12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Southern Forest Research Partnership

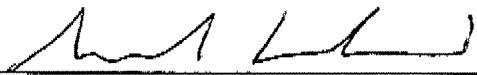
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Mike Zupko
Executive Director

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Christopher Newport University

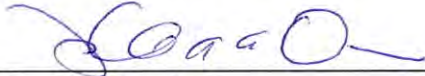


Mark Padilla
Provost

12/17/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. The Citadel

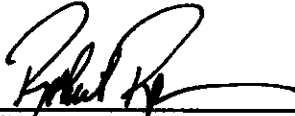


Charles W. Groetsch Lok C. Lew Yan Voon
Dean, School of Science and Mathematics

12/24/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. University of North Carolina Wilmington



Dr. Robert Roer
Dean of the Graduate School and Research
Chief Research Officer

11 Dec 2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. University of West Georgia

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.

Dr. Peter S. Hoff
Provost and Vice President for Academic Affairs

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Duke University



Keith Hurka-Owen, CRA
Associate Director, Office of Research Support

11/19/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. University of North Carolina-Chapel Hill

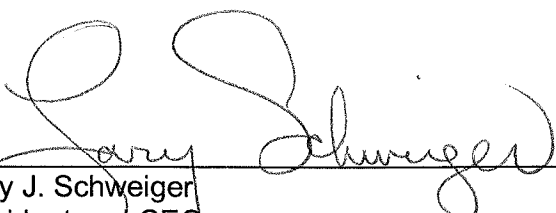
A handwritten signature in cursive script, appearing to read "Barbara Entwisle", written over a horizontal line.

Barbara Entwisle
Vice Chancellor for Research

12/3/2012
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. National Wildlife Federation




Larry J. Schweiger
President and CEO

1-14-13
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. Project Orianne, Ltd.



Christopher L. Jenkins
CEO & Executive Director

12/31/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. College of Charleston



George Hynd
Provost

12/13/12
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. Georgia Department of Natural Resources Wildlife Resources Division



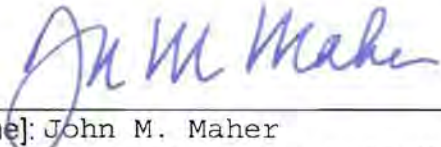
12-7-2012

Dan Forster
Director, Wildlife Resources Division
Georgia Department of Natural Resources

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Marshall University



[Print Name]: John M. Maher
[Print Title]: Exec. Dir. Marshall Univ Research Corp

Nov 27, 2012
Date