PIEDMONT – SOUTH ATLANTIC COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT FOUR 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
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.3. The College of Charleston is hereby included in the Piedmont – South Atlantic Coast CESU as a Partner Institution.

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.24. The technical representative for College of Charleston is:

Dr. Michael Auerbach
Dean, School of Sciences and Mathematics
College of Charleston
66 George Street
Charleston, SC 29424
Phone: (843) 953-5991
auerbachmj@cofc.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 Orianne, Ltd.
II. College of Charleston
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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.

Dr. John G. Lyon  
Acting State Director, Eastern States  
Date

Lisa T. Clayton  
Grants Management Officer  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

[Signature]

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

12-9-2011
Date
C. U.S. Geological Survey

Sherri L. Bredesen  
Contracting Officer

12/08/11  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

__________________________
David Vela
Regional Director
Southeast Region

12-7-11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Bureau of Ocean Energy Management

Rodney Cluck
Chief, Division of Environmental Sciences

12/28/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

ROBERT L. DOUDRICK
Station Director

Date 12/6/11

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

Joyce M. Gorgas
Grants Management Specialist
Southern Research Station

Date 12/6/2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGANTURES (cont.)

G. Natural Resources Conservation Service

Garry Lee, Acting Deputy Chief for Management

12.27.11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

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

11 Dec 11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Deannda Sontag
Grants Officer

3 Jan 2012
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  Date
Director, Management and Budget Office
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

________________________
Jacob Maas
Senior Grants Officer

12/7/2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Auburn University

John M. Mason
Associate Provost and
Vice President for Research

1.3.2012
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Clemson University

Gerald Sonnenfeld, Ph.D.
Vice President for Research

Gerald Sonnenfeld, Ph.D.
Vice President for Research

12/6/X
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Florida Agricultural and Mechanical 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.

K. Ken Redda, Ph.D. ___________________________ Date
Professor and Acting Vice President for Research
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. North Carolina State University

Matt Ronning  
Associate Vice Chancellor

JOHN CHAFFEE  
ASSOCIATE DIRECTOR  
SPONSORED PROGRAMS

Date  
12-14-11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. University of Central Florida

Josephine Combs  
Contract Manager

Date 12/6/2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of Florida

Brian Prindle
Associate Director of Research

Date 12/8/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Audubon of Florida

[Signature]

Jerome J. Lorenz
Research Director

[Date: DEC 11]
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Audubon of North Carolina

[Signature]

Jerome J. Lorenz
CESU Representative

06DEC11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Audubon of South Carolina

Jerome J. Lorenz
CESU Representative

Date: 06 DEZ 11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. East Carolina University

Maryellen O'Brien, Director
Office of Sponsored Programs

12/2/11 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of South Carolina

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.

__________________________________________ ________
Thomas Coggins Date
Director, Office of Sponsored Awards Management
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  Date
Dean
School of Agriculture and Environmental Sciences
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Towson University

[Signature]

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

12-8-11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. University of South Florida Board of Trustees, a public body corporate

[Signature]

Pearl Bigfeather
Associate Vice President for Sponsored Research and Finance

[Date]

[Stamp]
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  Date
Executive Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Christopher Newport University

Mark Padilla
Provost

12-12-11
Date
BB. The Citadel

[Signature]

Charles W. Groetsch  Isaac S. Metts, Jr.
Dean, School of Science and Mathematics

7 December 2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. University of North Carolina Wilmington

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

07 Dec 2011
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
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Duke University

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

Date 12/13/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. University of North Carolina-Chapel Hill

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.

__________________________________________________________________________  ____________
Barbara Entwisle                     Date
Vice Chancellor for Research
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. National Wildlife Federation

[Signature]

Larry J. Schweiger
President and CEO

12-13-11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. Project Orlanne, Ltd.

Christopher L. Jenkins
CEO & Executive Director

[Signature]

12/6/11

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. College of Charleston

George Hynd
Provost and Executive Vice President of Academic Affairs

12/2/11
Date