PIEDMONT – SOUTHERN 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
Adding: College of Charleston

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

Lisa T. Clayton
Grants Management Officer
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

12-9-2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

Sherri Ly Bredesen  
Contracting Officer

Date: 12/08/11
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

[Signature]
Rodney Cluck  
Chief, Division of Environmental Sciences  

12/28/15  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

ROBERT L. DOUDRICK  
Station Director  
12/6/11  
Date

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

Joyce M. Gorgas  
Grants Management Specialist  
Southern Research Station  
12/6/2011  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

[Signature]

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

[Signature]
Deannda Sontag  Date 3 Jan 2012
Grants Officer

Digitally signed by
SONTAG.DEANNDA.S.1230791909
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=SONTAG.DEANNDA.S.1230791909
Date: 2012.01.03 11:05:10 -06'00'
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

[Signature]  
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/k
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

[Signature]
Matt Ronning
Associate Vice Chancellor

JOHN CHAFFEE
ASSOCIATE DIRECTOR
SPONSORED PROGRAMS

12-14-11
Date
P. University of Central Florida

Josephine Combs  
Contract Manager

12/16/2011
Date
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
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. Audubon of North Carolina

Jerome J. Lorenz
CESU Representative

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

T. Audubon of South Carolina

Jerome J. Lorenz
CESU Representative

06 DEZ 11

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. East Carolina University

Maryellen O'Brien, Director
Office of Sponsored Programs

[Signature]

12/7/11 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  
Director, Office of Sponsored Awards Management

_________________________________________  ______________________________________
Thomas Coggins  
Director, Office of Sponsored Awards Management  

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  Date
Dean
School of Agriculture and Environmental Sciences
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Towson University

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]

Date: 12/15/2011

Pearl Bigfeather
Associate Vice President for Sponsored Research and Finance

APPROVED AS TO
PRES AND VC/PG

[Signature]

HENRY W. LITTMAN
ATTORNEY USF
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

Date
12-12-11
BB. The Citadel

[Signature]

Charles W. Groesbeck
Dean, School of Science and Mathematics

Isaac B. Metts, Jr.

7 December 2011
Date
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  Date
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

12/13/11
Date
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.

[Signature]
Christopher L. Jenkins
CEO & Executive Director

12/6/11 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. College of Charleston

[Signature]
George Hynd
Provost and Executive Vice President of Academic Affairs

12/2/11
Date