GULF COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT FOUR TO COOPERATIVE & JOINT VENTURE AGREEMENT

between

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Geological Survey
National Park Service

DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service
U.S. Forest Service (Southern Research Station)

DEPARTMENT OF DEFENSE
Office of the Deputy Under Secretary of Defense
(Installations and Environment)

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

and

TEXAS A&M UNIVERSITY (HOST)

Auburn University                Troy University
Grambling State University      University of Central Florida
Louisiana State University      University of Florida
Mississippi State University    University of Georgia Research
Rice University                Foundation, Inc.
Southern University and A&M    University of Louisiana at Lafayette
                              University of Texas at Austin
College                        Coastal Conservation Association
Stephen F. Austin State University
Texas A&M, Corpus Christi
Texas A&M, Galveston
Texas A&M, Kingsville

Adding
University of New Orleans

Lady Bird Johnson Wildflower Center
The Nature Conservancy of Texas
With the exception of the changes below, all terms and conditions of the Gulf 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
J.3. The University of New Orleans is included in the Gulf Coast CESU as a Partner Institution.

ARTICLE III. TERMS OF THE AGREEMENT
A.1. The effective date of the Gulf Coast CESU Cooperative and Joint Venture Agreement is 2 August 2002.

A.6. The effective date of this amendment to the Gulf Coast CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this amendment.

ARTICLE IV. KEY OFFICIALS
C.21. The technical representative for the University of New Orleans is:

Mark W. Hester, Director
Coastal Plant Sciences Lab
Pontchartrain Institute for Environmental Sciences & Dept. of Biological Sciences
University of New Orleans
New Orleans LA 70148
Office Phone: 504-280-6740
Lab Phone: 504-280-1324
Fax: 504-280-6121
mhester@uno.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. Geological Survey
C. National Park Service

DEPARTMENT OF AGRICULTURE
D. Natural Resources Conservation Service
E. U.S. Forest Service (Southern Research Station)
DEPARTMENT OF DEFENSE
F. Office of the Deputy Under Secretary of Defense
   (Installations and Environment)

G. National Aeronautics and Space Administration

H. TEXAS A&M UNIVERSITY (HOST)
I. Auburn University
J. Grambling State University
K. Louisiana State University
L. Mississippi State University
M. Southern University and A&M College
N. Texas A&M, Corpus Christi
O. Texas A&M, Galveston
P. Texas A&M, Kingsville
Q. Troy University
R. University of Central Florida
S. University of Florida
T. University of Georgia Research Foundation, Inc.
U. University of Louisiana at Lafayette
V. University of Texas at Austin
W. Coastal Conservation Association
X. Instituto de Ecología, A.C.
Y. The Nature Conservancy of Texas
Z. Rice University
AA. Stephen F. Austin State University
BB. University of New Orleans
CC. Lady Bird Johnson Wildflower Center
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

[Print Name]:
[Print Title]:

\[\text{Date} \quad 11/21/05\]

[Print Name]:
[Print Title]:

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

B. U.S. Geological Survey
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

Patricia Hooks
Regional Director
Southeast Region

[Signature]

11/28/05
Date

John Yancy
Associate Regional Director
National Resource Stewardship and Science
Southeast Region

[Signature]

11/28/05
Date

Kathleen L. Batke
Contracting Officer
Southeast Region

[Signature]

12/11/05
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. Natural Resources Conservation Service

[Print Name]:
[Print Title]: Deputy Chief for Science and Technology

11/22/05
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. U.S. Forest Service
   Southern Research Station

[signature not needed per Article III.C.1 of the agreement]

________________________________________  ________________
[Print Name]: Date

[Print Title]:

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Print Name]: [Signature]
[Print Title]: [Signature]

12/9/00
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. National Aeronautics and Space Administration

[signature not needed per Article III.C.1 of the agreement]

___________________________________
[Print Name]:

[Signature]

________________________
Date

[Print Title]:

[Signature]
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Texas Agricultural Experiment Station, Texas A&M University System

Print Name: [Print Title]:

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. Auburn University

[Signature]

Print Name: UPTON HATCH

[Print Title]: DIRECTOR, AN ENVIRONMENTAL INST.

[Date]: 11/22/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. Grambling State University

[signature not needed per Article III.C.1 of the agreement]

______________________________
Print Name:

[Print Title]:

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Louisiana State University

[signature not needed per Article III.C.1 of the agreement]

__________________________________  __________________________
Print Name:                          Date

[Print Title]:
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Mississippi State University

Print Name: Marc McGee
[Print Title]: Director, Sponsored Programs Administration

Date: 11/28/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Southern University and A&M College

[signature not needed per Article III.C.1 of the agreement]

___________________________________
Print Name: __________________________
[Print Title]: ________________________

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Texas A&M, Corpus Christi


[signature not needed per Article III.C.1 of the agreement]

Print Name]: __________________________ Date
[Print Title]:__________________________
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Texas A&M, Galveston

Print Name: GILBERT T. ROWE
Position: Prof. & Head, Marine Biology, TAMUC
Date: 11/20/05

TAMUC
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Texas A&M, Kingsville

\[Signature\]

Print Name:  
(Print Title):

SANDRA L. REXROAT
DIRECTOR, RESEARCH AND SPONSORED PROGRAMS AND AUTHORIZED INSTITUTIONAL REPRESENTATIVE

Date: 11/18/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. Troy State University

Paul M Stewart  
12/8/05
Date

Print Name]:
[Print Title]:
Paul M Stewart
Profess & Endowed Chair
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Central Florida

[Print Name]:
[Print Title]:

Andrea Miller
Contract Manager
Office of Research and Commercialization

11/23/05
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Florida

[Signature]

Brian Prindle
Associate Director of Research

Date: 11/21/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Georgia Research Foundation, Inc.

[Signature]

Print Name: MaryAnn Deom
Print Title: Associate Director

11/21/05
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Louisiana at Lafayette

Print Name: Ray Authement
[Print Title]: President

Date: 11/18/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of Texas, Austin

[signature not needed per Article III.C.1 of the agreement]

Print Name: ___________________________ Date: ________

[Print Title]:
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Coastal Conservation Association

[signature not needed per Article III.C.1 of the agreement]

___________________________________
[signature not needed per Article III.C.1 of the agreement]

Print Name]: _____________________________  Date _____________________________
[Print Title]:

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Instituto de Ecología, A.C.

[signature not needed per Article III.C.1 of the agreement]

___________________________________
Print Name: __________________________

[Print Title]: __________________________

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. The Nature Conservancy of Texas

[Signature]
Print Name: JAMES F. BERGAN
[Print Title]: DIRECTOR OF SCIENCE AND STEWARDSHIP

12/15/05
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Rice University

[Signature]

Print Name: [Signature]

[Print Title]: Nancy L. Nisbett, Director
Office of Sponsored Research

Date: 12/5/05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Stephen F. Austin State University

[Signature]

Print Name: Dr. Tito Guerra
[Print Title]: President

Date: 11/22/85
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. University of New Orleans

[Signature]

Print Name: Timothy P. Ryan
Print Title: Chancellor

Date: 8-2-05

[Signature]

Print Name: Carolyn H. Hargrave, PhD
Print Title: Vice President for Academic Affairs
LSU System

Date: 11-2-05
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Lady Bird Johnson Wildflower Center

SUSAN RIEFF

Print Name: Executive Director
Print Title: Lady Bird Johnson Wildflower Center

11.22.05
Date