

**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  
Grambling State University  
Louisiana State University  
Mississippi State University  
Rice University  
Southern University and A&M  
College  
Stephen F. Austin State University  
Texas A&M, Corpus Christi  
Texas A&M, Galveston  
Texas A&M, Kingsville**

**Troy University  
University of Central Florida  
University of Florida  
University of Georgia Research  
Foundation, Inc.  
University of Louisiana at Lafayette  
University of Texas at Austin  
Coastal Conservation Association  
Instituto de Ecología, A.C.  
Lady Bird Johnson Wildflower Center  
The Nature Conservancy of Texas**

**Adding  
University of New Orleans**

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

Vernon Felder  
Print Name]:  
[Print Title]:

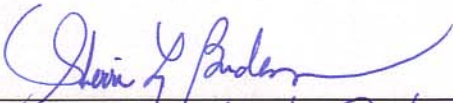
11/21/05  
Date

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Print Name]:  
[Print Title]:

\_\_\_\_\_  
Date

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

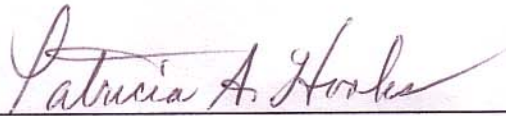
B. U.S. Geological Survey

  
\_\_\_\_\_  
Print Name]: Sherri Y. Bredeson  
[Print Title]: Contracting Officer

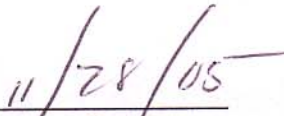
  
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Date

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

C. National Park Service

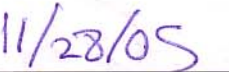
  
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Patricia Hooks  
Regional Director  
Southeast Region

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_

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

  
\_\_\_\_\_  
Date

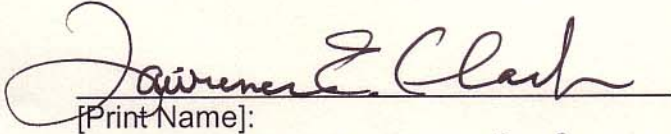
  
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Kathleen L. Batke  
Contracting Officer  
Southeast Region

  
\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. Natural Resources Conservation Service

  
[Print Name]:

11/22/05

Date

[Print Title]: Deputy Chief for Science and Technology

**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]:  
[Print Title]:

\_\_\_\_\_  
Date



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

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

*Kevin E. Gossins*  
[Print Name]: *Kevin E. Gossins*  
[Print Title]: *Unit 4 Officer*

*12/9/05*  
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]:

[Print Title]:

\_\_\_\_\_  
Date

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

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

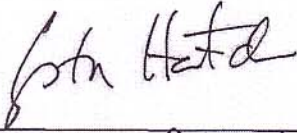
A handwritten signature in black ink, appearing to be 'C. H.', written over a horizontal line.

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

\_\_\_\_\_  
Date

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

I. Auburn University



Print Name]: UPTON HATCH

[Print Title]: DIRECTOR, AU ENVIRONMENTAL INST.

11/22/05  
Date

**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]*

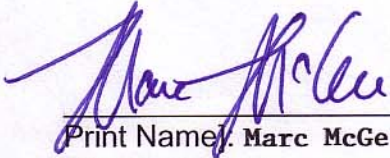
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Print Name]:

[Print Title]:

\_\_\_\_\_  
Date

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

L. Mississippi State University



Print Name: Marc McGee



Date

[Print Title]: Director, Sponsored Programs Administration

**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]:  
[Print Title]:

\_\_\_\_\_  
Date

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

O. Texas A&M, Galveston



Print Name): GILBERT T ROWE

[Print Title]:  
Prof. & Head, Marine  
Biology, TAMUC  
TAMU

11/22/05  
Date

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

P. Texas A&M, Kingsville

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

11-18-05  
Date

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

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

Q. Troy State University

Paul M Stewart

12/8/05  
Date

Print Name]:

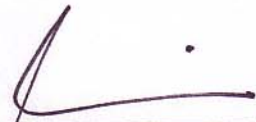
[Print Title]:

Paul M Stewart

Professor & Endowed Chair

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

R. University of Central Florida

  
\_\_\_\_\_

[Print Name]:  
[Print Title]:

11/23/05

Date

**Andrea Miller  
Contract Manager  
Office of Research and Commercialization**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Florida



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Brian Prindle  
Associate Director of Research




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Date

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

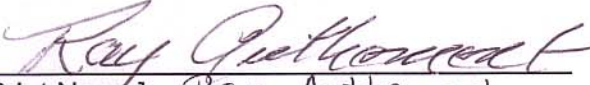
T. University of Georgia Research Foundation, Inc.

  
\_\_\_\_\_  
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



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

V. University of Texas, Austin

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

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

\_\_\_\_\_  
Date

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

W. Coastal Conservation Association

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

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

[Print Title]:

\_\_\_\_\_  
Date

**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

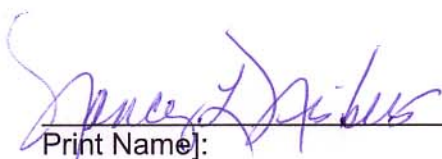
J. F. Bergan  
[Print Name]: JAMES F. BERGAN

[Print Title]: DIRECTOR of SCIENCE and  
STEWARDSHIP

12/15/05  
Date

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

Z. Rice University



Print Name:

12/5/05  
Date

[Print Title]:

**Nancy L. Nisbett, Director  
Office of Sponsored Research**

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

AA. Stephen F. Austin State University

*T Guerrero / Kull*


*11/22/85*

\_\_\_\_\_  
Print Name]: Dr. Tito Guerrero  
[Print Title]: President


\_\_\_\_\_  
Date

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

BB. University of New Orleans

  
\_\_\_\_\_  
[Print Name]: Timothy P. Ryan  
[Print Title]: Chancellor


8-23-05  
Date

  
\_\_\_\_\_  
Carolyn H. Hargrave, PhD  
Vice President for Academic Affairs  
LSU System

11-2-05  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Lady Bird Johnson Wildflower Center



SUSAN RIEFF

11.22.05

Print Name]:

Executive Director,

[Print Title]:

Lady Bird Johnson Wildflower  
Center

Date