GULF COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT NINE to
COOPERATIVE and JOINT VENTURE AGREEMENT

between

U.S. DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Geological Survey
National Park Service
U.S. Fish and Wildlife 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)
U.S. Army Corps of Engineers – Civil Works

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

and

TEXAS A&M UNIVERSITY SYSTEM (Host)
Texas A&M AgriLife Research, Institute of Renewable Natural Resources - Host
administrative lead
(Texas A&M AgriLife Extension,
Texas A&M University - College Station,
Texas A&M University – Corpus Christi,
Texas A&M University – Galveston,
Texas A&M University – Kingsville,
Tarleton State University)

Auburn University
With the exception of the changes below, all terms and conditions of the Gulf Coast CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement. This Agreement is hereby revised to include administrative clarifications for the Texas A&M University System and to replace each use of the name “The University of Texas – Pan American” or “The University of Texas at Brownsville” with the name “The University of Texas Rio Grande Valley.”

ARTICLE I. BACKGROUND AND OBJECTIVES
N. The Texas A&M University System (TAMUS) participates in the Gulf Coast CESU. The following TAMUS institutions and agencies are participants under this Master Cooperative and Joint Venture Agreement: Texas A&M University – College Station, Texas A&M University – Corpus Christi, Texas A&M University – Galveston, Texas A&M University – Kingsville, Tarleton State University, and Texas A&M AgriLife Extension Service. Texas A&M AgriLife Research will serve as the Host member of the Texas A&M University System with the Texas A&M Institute of Renewable Natural Resources (IRNR) acting as the Host member administrative lead. AgriLife Research is dedicated to the discovery, development, communication, and application of knowledge in a wide range of academic and professional fields. Its mission of providing the highest quality undergraduate and graduate programs is inseparable from its mission of developing new understandings through research and creativity. It prepares students to assume roles of leadership, responsibility, and service to society. It welcomes and seeks to serve persons of all racial, ethnic, and geographic groups, women and men alike, as it addresses the needs of an increasingly diverse population and a global economy. IRNR is an organizational component of the Agricultural Program of the Texas A&M University System. Its purpose is to coordinate, strengthen, and integrate inter- and multi-disciplinary approaches to renewable natural resource issues by providing a forum for quality research, teaching, and extension programs to explore the structure, function, and sustainable use of renewable natural resources in Texas, the nation, and the world. IRNR has been administrative lead for the GC-CESU since its inception.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Gulf Coast CESU Cooperative and Joint Venture Agreement is 02 August 2012.

A.2. 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.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached:

U.S. DEPARTMENT OF THE INTERIOR
A. Bureau of Land Management
B. U.S. Geological Survey
C. National Park Service
D. U.S. Fish and Wildlife Service
E. Bureau of Ocean Energy Management

U.S. DEPARTMENT OF AGRICULTURE
F. U.S. Forest Service
G. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE
H. Office of the Deputy Under Secretary of Defense (Installations and Environment)
I. U.S. Army Corps of Engineers – Civil Works

U.S. DEPARTMENT OF COMMERCE
J. National Oceanic and Atmospheric Administration

K. National Aeronautics and Space Administration

L. Texas A&M University System, Texas A&M AgriLife Research (Host)
M. Auburn University
N. Louisiana State University
O. Mississippi State University
P. Texas A&M University – College Station
Q. Texas A&M University – Corpus Christi
R. Texas A&M University at Galveston
S. Texas A&M University at Kingsville
T. Troy University
U. University of Central Florida
V. University of Florida
W. University of Georgia Research Foundation, Inc.
X. University of Louisiana at Lafayette
Y. University of Texas - Austin
Z. The Nature Conservancy
AA. Stephen F. Austin State University
BB. University of New Orleans
CC. The University of West Florida
DD. Tarleton State University
EE. Sul Ross State University
FF. University of Arkansas at Monticello
GG. University of Arkansas, Division of Agriculture
HH. Houston Advanced Research Center (HARC)
II. Southern University and A&M College
JJ. Bat Conservation International
KK. Florida State University
LL. University of Arkansas at Pine Bluff
MM. Texas A&M AgriLife Extension
NN. Valdosta State University
OO. Dauphin Island Sea Lab
PP. Columbus State University
QQ. University of South Florida
RR. University of South Alabama
SS. Gulf Coast Bird Observatory
TT. Louisiana State University Agricultural Center
UU. Lamar University
VV. Louisiana Department of Wildlife and Fisheries (LDWF)
WW. The University of Alabama
XX. Tulane University
YY. University of Mississippi
ZZ. University of Texas at Tyler
AAA. The University of Texas Rio Grande Valley (formerly University of Texas at Brownsville and University of Texas – Pan American)
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

John F. Ruhs
State Director, Eastern States Office
7 October 2015
Date

Lisa Clayton
Grants Management Officer

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey

[Signature]
Sherri Ly Bredesen  
Contracting Officer

Date: 06/28/15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

C. National Park Service

Stanley Austin  
Regional Director  

9-9-15  
Date

Rose M. McClelland  
Contracting Officer  

1-1-15  
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service

Alexandra Pitts
Deputy Regional Director

9:30:15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. Bureau of Ocean Energy Management

Rodney Cluck  
Chief, Division of Environmental Sciences  

8/24/2015  
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

Robert L. Doudrick, Ph.D.
Station Director

08/25/2015
Date

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

Joyce M. Gorgas
Lead Grants Management Specialist

8/25/2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

[Signature]
Thomas W. Christensen
Associate Chief of Operations

1/28/2016
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

ROBICHEAUX.TRACI.D. 1260353990

Traci Robicheaux
Grants Officer (Representing ODUSD (I&E))

Digitally signed by ROBICHEAUX.TRACI.D.1260353990
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990
Date: 2015.08.25 10:35:59 -05'00'

Date
ARTICLE XIV.  AUTHORIZING SIGNATURES (cont.)

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

MCGUFFIE.JERI.H.1230779046

Digitally signed by
MCGUFFIE.JERI.H.1230779046
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=MCGUFFIE.JERI.H.1230779046
Date: 2015.08.27 15:46:47 -05'00'

Jeri Mcguffie
Grants Officer

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

J. National Oceanic and Atmospheric Administration

[Signature]
Richard Merrick
Director of Scientific Programs & Chief Science Advisor
National Oceanic and Atmospheric Administration CESU Lead

[Date]
29 Sept 15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

K. National Aeronautics and Space Administration

[Signature]
Kenneth M. Kumor
Natural Resources Program Manager

October 20, 2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

L. Texas A&M AgriLife Research, on behalf of Texas A&M University System (Host)

Craig L. Nessler
Director

7/31/2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

M. Auburn University

[Signature]
Gene Taylor
Associate Director, Office of Sponsored Programs

8/26/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. Louisiana State University

Winona L. Ward  
Executive Director, Sponsored Programs

8/27/15  
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

O. Mississippi State University

[Signature]

Jennifer Easley
Director of Sponsored Programs Administration

9/8/15

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. Texas A&M University – College Station

Carol J. Cantrell
Senior Associate Vice President for Research Administration

8-20-15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. Texas A&M University – Corpus Christi

Dr. Luis A. Cifuentes
Vice President of Research, Commercialization & Outreach

Date: 4 Aug 2015
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R. Texas A&M University at Galveston

[Signature]
Katherine Kissmann, (GM)
Director, Contracts and Grants

Recommended for Approval:

[Signature]
Dr. Antonietta Quigg
Associate Vice President for Research and Graduate Studies
Texas A&M University Galveston

8-7-15
Date

7-27-2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. Texas A&M University at Kingsville

[Signature]

Dr. Rebecca A. Davis
Interim Director, CRSP
Cynthia Villarreal-Garcia for Rebecca A. Davis

8/13/15 Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. Troy University

Jack Hawkins, Jr., PhD
Chancellor

8-25-2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Central Florida

[Signature]
Tamara F. Gahrus
Sr. Contract Manager

Date
[Signature]
Approved as to form and legality
[Signature] 2-28-15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

V. University of Florida

[Signature]

Brian Prindle
Associate Director of Research

8/26/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. University of Georgia Research Foundation, Inc.

Erika Schwabe
Senior Grants Officer

08/25/2015

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

X. University of Louisiana at Lafayette

James Henderson
Provost & Vice President for Academic Affairs

Date 9/24/15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Y. University of Texas – Austin

[Signature]

David K. Hawkins  
Associate Director  
Office of Sponsored Projects

Date: 9.30.15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Z. The Nature Conservancy

[Signature]
John S. C. Herron
Texas Sr. Director of Conservation Programs

[Date]
8/25/2015
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AA. Stephen F. Austin State University

[Baker Patillo's signature]
Baker Patillo
President

Date: 9/28/15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BB. University of New Orleans

[Signature]
Greg Lassen
Vice President for Business Affairs

Date: 9/2/17
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

CC. The University of West Florida
for and on behalf of its Board of Trustees

[Signature]

10/07/15

Richard S. Podemski, PhD
Associate Vice President for Research
Richard K. Harper, PhD
Associate Vice President for
Center for Research and Economic Opportunity

Approved for form and legality.

Approved via e-mail by Patricia D. Lott, Esq.

Office of University Counsel
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Tarleton State University

F. Dominic Dottavio
president@tarleton.edu
F. Dominic Dottavio
President

Date 07/21/2015
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. Sul Ross State University

Bill Kibler  
President  

Date  
10/6/15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

FF: University of Arkansas at Monticello

[Signature]
Jay Jones
Interim Chancellor

[Date]
8/26/2015
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG. University of Arkansas, Division of Agriculture

[Signature]
Clarence Watson
Associate VP for Agriculture

8/26/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

HH. Houston Advanced Research Center (HARC)

[Signature]
I. James Lester
President

[Signature]
Aug. 25, 2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

II. Southern University and A&M College

Kamran Abdollahi, Ph.D.
Program Leader and Graduate Director
Urban Forestry

Dr. Ray Belton
Chancellor

8/26/15
Date

8/24/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

JJ. Bat Conservation International

Mylea Bayless
Director Conservation

8/28/2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

KK. Florida State University

[Signature]
Gary K. Ostrander
Vice President for Research

8/25/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

LL. University of Arkansas at Pine Bluff

[Signature]
Laurence B. Alexander
Chancellor

[Date]
9-23-15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

MM. Texas A&M AgriLife Extension Service

____________________
Dr. Douglas L. Steele
Director

7/23/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

NN. Valdosta State University

[Signature]
William J. McKinney, Ph.D
President

Cecil F. Staton, Ph.D
Interim President

9/26/15 Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

CO. Dauphin Island Sea Lab

David England
Director of Finance and Administration

01/08/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

PP.  Columbus State University

Dr. Tom Hackett
Provost/VPAA

Date 8/25/15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

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

Paul R. Sanberg, Ph.D., D.Sc.
Senior Vice President
Research & Innovation

Date

9/15/15

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

Michele M. Cerollo, JD
Associate General Counsel - University of South Florida
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

RR: University of South Alabama

Lynne Chronister  
Vice President Research and Economic Development  
Aug 22 2015  
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

SS. Gulf Coast Bird Observatory

[Signature]

Christopher W. Eberly
Executive Director

8/25/2015

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

TT. Louisiana State University Agricultural Center

[Signature]
William B. Richardson
Chancellor

3/28/15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

UU. Lamar University

[Signature]

Peter J. Kelleher
Associate Provost for Research

\[D\text{ate}\]

8/23/15
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

VV. Louisiana Department of Wildlife and Fisheries (LDWF)

[Signature]
Robert J. Barham
Secretary

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

WW. The University of Alabama

Dr. Carl A. Pinkert
Vice President for Research

August 25, 2015

Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

XX. Tulane University

Kathleen M. Kozar
Director, Sponsored Projects Administration

8-25-15
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

YY. University of Mississippi

Robin C. Buchannon  Date  8.25.15
Assistant Vice Chancellor for Research and Sponsored Programs
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

ZZ. University of Texas at Tyler

___________________________________   ______________
Dr. Michael Odell Date
Vice President for Research & Technology Transfer

8/25/2015
Date
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AAA The University of Texas Rio Grande Valley
(formerly listed as University of Texas at Brownsville and University of Texas – Pan American)

[Signature]
Martin V. Bayerl
EVP for Finance and Administration

[Date]
2/19/15