

**NORTH ATLANTIC COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT ONE TO
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

**Narragansett Indian Tribal Historic Preservation Office (NITHPO)
on behalf of the Narragansett Indian Tribe**

**U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
National Park Service
U.S. Fish and Wildlife Service
Bureau of Ocean Energy Management**

**U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers – Civil Works
Office of the Deputy Under Secretary of Defense (Installations and Environment)**

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

and

**UNIVERSITY OF RHODE ISLAND (HOST)
The Research Foundation of SUNY for Stony Brook University
Rutgers University
University of Maryland Eastern Shore
University of Massachusetts – Amherst
Maryland Coastal Bays Program
The University of Maine
City University of New York
College of the Atlantic**

**The Research Foundation of State University of New York
for SUNY College of Environmental Science and Forestry
Columbia University in the City of New York
University of Massachusetts – Boston
Bates College
Center for Coastal Studies
Cornell University
Northeastern University
Biodiversity Research Institute
Marine Biological Laboratory (MBL)
University of New England
Schoodic Education and Research Center Institute
Harvard University
Manhattan College
University of Connecticut**

Adding:

**University of Maryland Center for Environmental Science (UMCES)
Virginia Aquarium & Marine Science Center Foundation, Inc.**

With the exception of the changes below, all terms and conditions of the North Atlantic Coast CESU Agreement apply to this Amendment, and this Amendment is hereby made part of the Agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES

- L.1. University of Maryland Center for Environmental Science (UMCES) and Virginia Aquarium & Marine Science Center Foundation, Inc. are hereby included in the North Atlantic Coast CESU as a Partner Institutions.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the North Atlantic Coast CESU Cooperative and Joint Venture Agreement is 19 June 2014.
- A.2. The effective date of this Amendment to the North Atlantic Coast CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this Amendment.

ARTICLE IV. KEY OFFICIALS

D.23. The technical representative for University of Maryland Center for Environmental Science is:

David Secor, Ph.D.
Professor
Chesapeake Biological Laboratory
University of Maryland Center for Environmental Science
P.O. Box 38
Solomons, MD 20688
Phone: (410) 326-7229
secor@umces.edu

D.24. The technical representative for the Virginia Aquarium & Marine Science Center Foundation, Inc. is:

Susan G. Barco
Research Coordinator
Virginia Aquarium & Marine Science Center Foundation
717 General Booth Blvd.
Virginia Beach, VA 23451
Phone: (757) 385-6476
sgbarco@virginiaAquarium.com

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this Amendment:

NARRAGANSETT INDIAN TRIBE

A. Narragansett Indian Tribal Historic Preservation Office (NITHPO) on behalf of Narragansett Indian Tribe

U.S. DEPARTMENT OF THE INTERIOR

- 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. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

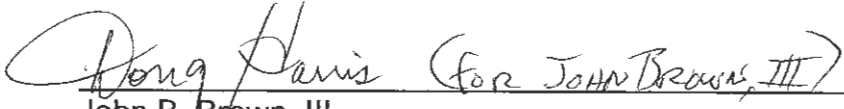
- G. U.S. Army Corps of Engineers – Civil Works
- H. Office of the Deputy Under Secretary of Defense (Installations and Environment)

U.S. DEPARTMENT OF COMMERCE

- I. National Oceanic and Atmospheric Administration
- J. UNIVERSITY OF RHODE ISLAND (HOST)
- K. The Research Foundation of SUNY for Stony Brook University
- L. Rutgers University
- M. University of Maryland Eastern Shore
- N. University of Massachusetts – Amherst
- O. Maryland Coastal Bays Program
- P. The University of Maine
- Q. City University of New York
- R. College of the Atlantic
- S. The Research Foundation of State University of New York for SUNY College of Environmental Science and Forestry
- T. Columbia University in the City of New York
- U. University of Massachusetts Boston
- V. Bates College
- W. Center for Coastal Studies
- X. Cornell University
- Y. Northeastern University
- Z. Biodiversity Research Institute
- AA. Marine Biological Laboratory
- BB. University of New England
- CC. Schoodic Institute at Acadia National Park
- DD. Harvard University
- EE. Manhattan College
- FF. University of Connecticut
- GG. University of Maryland Center for Environmental Science (UMCES)**
- HH. Virginia Aquarium & Marine Science Center Foundation, Inc.**

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Narragansett Indian Tribal Historic Preservation Office (NITHPO) on behalf of
Narragansett Indian Tribe


John B. Brown, III
Narragansett Tribal Medicine Man
and Historic Preservation Officer

11-19-2015
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

10/06/15
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

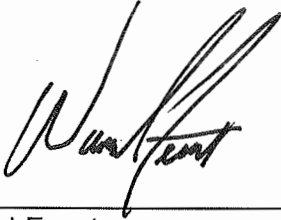
C. National Park Service


Jennifer A. Flemming
Northeast Region
Contracting and Agreements Officer

10/19/2015
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service



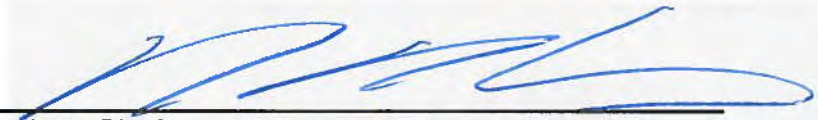
Ward Feurt
Refuge Manager

Oct 6, 2015

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Bureau of Ocean Energy Management



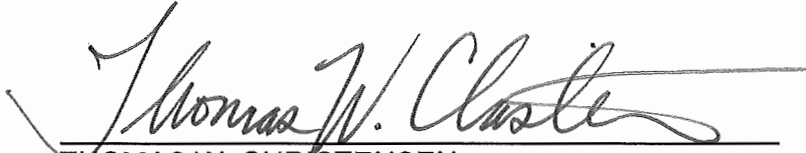
Rodney Cluck
Chief, Division of Environmental Sciences

10/9/15

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

A handwritten signature in cursive script, reading "Thomas W. Christensen", written over a horizontal line.

THOMAS W. CHRISTENSEN
Associate Chief for Operations

11/9/2015
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. 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: 2015.10.22 09:02:03 -05'00'

Jeri McGuffie
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

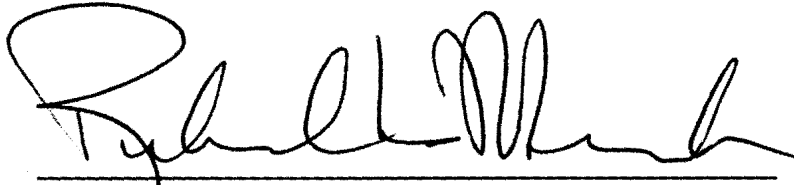
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Traci Robicheaux
Grants Officer
Representing ODUSD (I&E)

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. National Oceanic and Atmospheric Administration

A handwritten signature in black ink, appearing to read 'Richard Merrick', written over a horizontal line.

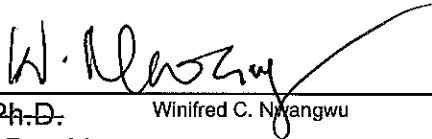
Richard Merrick
Director of Scientific Programs & Chief Science Advisor
National Oceanic and Atmospheric Administration CESU Lead

10/5/15

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. University of Rhode Island (Host)



~~James Petell, Ph.D.~~ Winifred C. Nyangwu
~~Associate Vice President~~ Director Sponsored Projects
~~Intellectual Property~~
~~Management and Commercialization~~

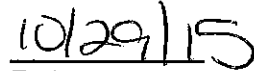
10/7/15
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. The Research Foundation of SUNY for Stony Brook University



Annette DePeitri
Contracts Administrator



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Rutgers University

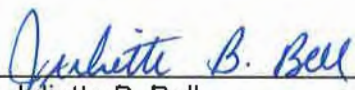
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Casandra Burrows
Acting Assistant Director
Office of Research and Sponsored Programs

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. University of Maryland Eastern Shore



Dr. Juliette B. Bell
President

10/7/15
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. University of Massachusetts – Amherst

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Nancy E. Stewart
Assistant Director
Grant and Contract Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Maryland Coastal Bays Program

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Roman Jesien
Science Coordinator

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. The University of Maine



Michael M. Hastings, Director
Office of Research and Sponsored Programs



ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. The City University of New York

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.

Gillian M. Small
Vice Chancellor for Research

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. College of the Atlantic

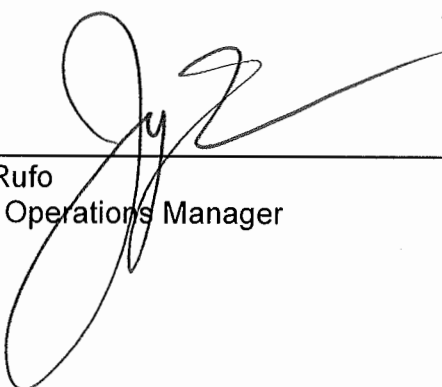
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

Darron Collins
President

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. The Research Foundation of State University of New York for SUNY College of Environmental Science and Forestry



Joseph Rufo
Campus Operations Manager

10/13/15
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. Columbia University in the City of New York

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.

Juliana Powell
Sponsored Projects Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Massachusetts Boston

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.

Winston Langley
Provost and Vice Chancellor for Academic Affairs

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. Bates College



~~Philip Welch~~
~~Director, Office of External Grants~~

10-8-15
Date

Joseph Tamaras
Director, Sponsored Programs and Research Compliance

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. Center for Coastal Studies

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.

Richard Delaney
President & CEO

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Cornell University



Digitally signed by Christine M.
Ashdown
DN: cn=Christine M. Ashdown,
o=Cornell University, ou=Office
of Sponsored Programs,
email=cma20@cornell.edu, c=US
Date: 2015.10.08 12:10:35 -04'00'

Christine M. Ashdown
Senior Grant and Contract Officer
Office of Sponsored Programs

10/08/15

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. Northeastern University

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Stacy-Ann Christian
Director
Research Administration and Finance

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Biodiversity Research Institute

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.

David Evers
Executive Director

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Marine Biological Laboratory



Susan Dahill
Manager, Office of Sponsored Programs

10-14-15
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. University of New England

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.

Nicholas D. Gere
Director of Research Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Schoodic Institute at Acadia National Park

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Mark Berry.
President/CEO

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Harvard University

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Webb Brightwell
Grants and Contracts Officer
Office for Sponsored Programs

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Manhattan College

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Dominic Esposito
Director of Grants Administration

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. University of Connecticut

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Jeffrey R. Seemann
Vice President for Research

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. University of Maryland Center for Environmental Science



Angela Richmond
Director, ORAA, UMCES



Date

HH. Virginia Aquarium & Marine Science Center Foundation, Inc.

Susan G Barco

2 Oct 2015

[Name]: Susan G. Barco
[title]: Research Coordinator

Date