

**NORTH ATLANTIC COAST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT SIX TO  
COOPERATIVE AGREEMENT**

between

**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**

**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  
Provincetown 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**

**Adding:**

**Office of the Deputy Under Secretary of Defense  
(Installations and Environment)  
Harvard University  
Manhattan College**

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**

- A.3. The U.S. Department of Defense - Office of the Deputy Under Secretary of Defense (Installations and Environment) is hereby included in the North Atlantic Coast CESU as a Federal Agency Partner under agreement number W9126G-13-2-0018.
- I.5. Harvard University and Manhattan College are hereby included in the North Atlantic Coast CESU as a Partner Institutions.
- L. The U.S. Department of Defense Office of the Deputy Under Secretary of Defense (Installations and Environment) (hereinafter called DOD) manages nearly 30 million acres of land, and the natural and cultural resources found there, and for this agreement includes the Office of the Secretary of Defense, the Military Services, the Defense Logistics Agency, the National Guard Bureaus, and the Military Reserve Components. DOD's primary mission is national defense. DOD's conservation program supports this mission by ensuring realistic training areas, and managing its resources in ways that maximize available land, air, and water training opportunities. DOD environmental stewardship activities are authorized under the Sikes Act, as amended. In accordance with one or more of the following: 16 U.S.C. § 670(c)(1), 10 U.S.C. § 2358, 10 U.S.C. § 2694, 10 U.S.C. § 2684, and Pub. L. 103-139 (FY 94 NDAA, page 107 Stat. 1422), DOD is authorized to enter into cooperative agreements with States, nonprofit organizations, academic institutions, and other partners to support research, technical assistance, and educational services consistent with the mission of the DOD and the CESU Network. In accordance with the aforementioned authorities, the DOD is authorized to enter into this agreement with the North Atlantic Coast CESU.

## **ARTICLE II. STATEMENT OF WORK**

D.6.a. Also, in accordance with 22 CFR Part 518 (Department of Defense), 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323a, 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense)

## **ARTICLE III. TERM OF AGREEMENT**

A.1. The effective date of the North Atlantic Coast CESU Cooperative Agreement is 19 June 2009.

A.2. The effective date of this amendment to the North Atlantic Coast CESU Cooperative Agreement shall be determined from the date of the last signature.

## **ARTICLE IV. KEY OFFICIALS**

A.6. Office of the Deputy Under Secretary of Defense (Installations and Environment)

Dr. Jack Mobley  
Environmental Resources Planner  
USACE, Fort Worth District  
CESWF-PER-EE  
819 Taylor Street, Rm 3A14  
Fort Worth, TX 76102-0300  
Phone: (817) 886-1708  
Fax: (817) 886-6499  
[jack.e.mobley@usace.army.mil](mailto:jack.e.mobley@usace.army.mil)

L. Peter Boice  
Deputy Director, Natural Resources  
ODUSD (I&E)  
U.S. Department of Defense  
4800 Mark Center Drive  
Suite 16G14  
Alexandria, VA 22350  
Phone: (571) 372-6905  
[Peter.Boice@osd.mil](mailto:Peter.Boice@osd.mil)

C.20. The technical representative for Harvard University is:

Brian Farrell

Museum of Comparative Zoology  
Harvard University  
26 Oxford Street  
Cambridge, MA 02138  
Phone: (617) 495-8571  
[farrellb@oeb.harvard.edu](mailto:farrellb@oeb.harvard.edu)

C.21. The technical representatives for Manhattan College are:

Kerryanne Donohue  
Civil and Environmental Engineering Department  
Manhattan College Leo Engineering Building Room 309  
4513 Manhattan College Parkway  
Riverdale, NY 10471  
Phone: (718) 862-7171  
[kerryanne.donohue@manhattan.edu](mailto:kerryanne.donohue@manhattan.edu)

Kirk Barrett  
Civil and Environmental Engineering Department  
Manhattan College Leo Engineering Building Room 309  
4513 Manhattan College Parkway  
Riverdale, NY 10471  
Phone: (718) 862-7517  
[kirk.barrett@manhattan.edu](mailto:kirk.barrett@manhattan.edu)

## **ARTICLE V. AWARD**

- A.3. Upon signature of all parties to this amendment, DoD will commit \$10,000 in funds to the North Atlantic Coast CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.
- B.1. Also, in accordance with 22 CFR Part 518 (Department of Defense), 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323a, 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE VI. PRIOR APPROVAL**

Also, in accordance with 22 CFR Part 518 (Department of Defense), 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323a, 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE VII. REPORTS AND/OR DELIVERABLES**

- A.1. Also, in accordance with 22 CFR Part 518 (Department of Defense), 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323a, 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE VIII. PROPERTY UTILIZATION AND DISPOSITION**

Also, in accordance with 22 CFR Part 518 (Department of Defense), 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323a, 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## **ARTICLE IX. TERMINATION**

Also, in accordance with 22 CFR Part 518 (Department of Defense), 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323a, 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

## ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this amendment:

### U.S. DEPARTMENT OF THE INTERIOR

- A. U.S. Geological Survey
- B. National Park Service
- C. U.S. Fish and Wildlife Service
- D. Bureau of Ocean Energy Management

### U.S. DEPARTMENT OF AGRICULTURE

- E. Natural Resources Conservation Service

### U.S. DEPARTMENT OF DEFENSE

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

### U.S. DEPARTMENT OF COMMERCE

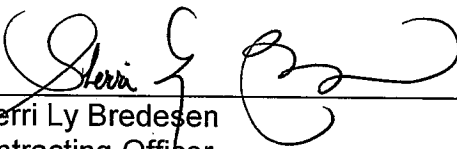
- H. National Oceanic and Atmospheric Administration

### I. UNIVERSITY OF RHODE ISLAND (HOST)

- J. The Research Foundation of SUNY for Stony Brook University
- K. Rutgers University
- L. University of Maryland Eastern Shore
- M. University of Massachusetts – Amherst
- N. Maryland Coastal Bays Program
- O. The University of Maine
- P. City University of New York
- Q. College of the Atlantic
- R. The Research Foundation of State University of New York for SUNY College of Environmental Science and Forestry
- S. Columbia University in the City of New York
- T. University of Massachusetts Boston
- U. Bates College
- V. Provincetown Center for Coastal Studies
- W. Cornell University
- X. Northeastern University
- Y. Biodiversity Research Institute
- Z. Marine Biological Laboratory
- AA. University of New England
- BB. Schoodic Education and Research Center Institute (SERC)
- CC. Harvard University**
- DD. Manhattan College**

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

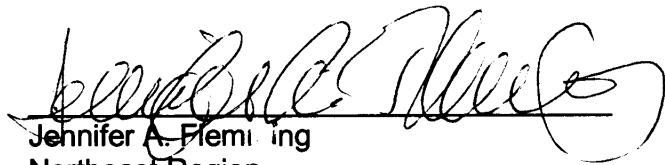
A. U.S. Geological Survey

  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

07/23/13  
Date

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

**B. National Park Service**

A handwritten signature in black ink, appearing to read "Jennifer A. Fleming", written over a horizontal line.

Jennifer A. Fleming  
Northeast Region  
Contracting and Agreements Officer

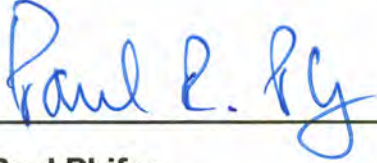
A handwritten date "07/22/2013" written in black ink.

Date



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

**C. U.S. Fish and Wildlife Service**

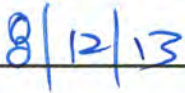
  
\_\_\_\_\_

**Paul Phifer**

**Assistant Regional Director**

**Ecological Services Program**

**Region 5**

  
\_\_\_\_\_

**Date**

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

**D. Bureau of Ocean Energy Management**

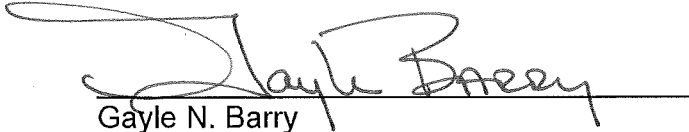


Rodney Cluck  
Chief, Division of Environmental Sciences

7/22/13  
Date

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

E. Natural Resources Conservation Service

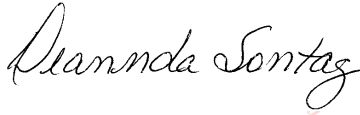
A handwritten signature in black ink, appearing to read "Gayle Barry", written over a horizontal line.

Gayle N. Barry  
Deputy Chief for Management

8/16/13  
Date

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

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



Digitally signed by  
SONTAG.DEANNDAS.1230791909  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=SONTAG.DEANNDAS.1230791909  
Date: 2013.08.07 10:40:59 -05'00'

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Deanna Sontag  
Grants Officer


7 Aug 2013

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Date

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

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

  
\_\_\_\_\_  
Derek Gadberry  
Grants Officer  
Representing ODUSD (I&E)

1 Jul 13  
Date

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

H. National Oceanic and Atmospheric Administration



Pat Montanio,  
Assistant Administrator  
Office of Program Planning and Integration and  
National Oceanic and Atmospheric Administration CESU Lead

7/22/2013  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. University of Rhode Island (Host)





Mary Kate DeMarco  
Director, Sponsored Programs

7/25/13  
Date

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

J. The Research Foundation of SUNY for Stony Brook University

  
\_\_\_\_\_  
Annette DePeitri  
Contracts Administrator

  
\_\_\_\_\_  
Date

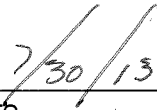


**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

K. Rutgers University

  
\_\_\_\_\_

D. Dee Evans  
Assistant Director, Office of Research and Sponsored Programs

  
\_\_\_\_\_  
Date

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

L. University of Maryland Eastern Shore

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. Mortimer H. Neufville  
Interim President

\_\_\_\_\_  
Date

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

M. University of Massachusetts – Amherst

  
\_\_\_\_\_  
Nancy E. Stewart  
Assistant Director  
Grant and Contract Administration

  
\_\_\_\_\_  
Date

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

N. Maryland Coastal Bays Program

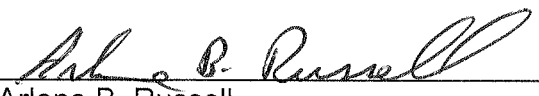
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.


\_\_\_\_\_  
Roman Jesien  
Science Coordinator

\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. The University of Maine

  
\_\_\_\_\_  
Arlene B. Russell  
Institutional Administrative Official

  
\_\_\_\_\_  
Date

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

P. 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.)**

Q. 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.)**

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



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Joseph Rufo  
Campus Operations Manager

8/7/13

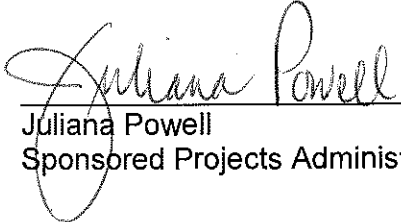
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Date



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

S. Columbia University in the City of New York

  
\_\_\_\_\_  
Juliana Powell  
Sponsored Projects Administration

08/01/2013  
Date

25.

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

T. 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.)**

U. Bates College

  
\_\_\_\_\_  
Philip Walsh  
Director, Office of External Grants

7/23/13  
\_\_\_\_\_  
Date

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

V. Provincetown 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.)**

W. 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: 2013.07.30 18:18:52 -04'00'

7/30/13

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

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Date

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

X. Northeastern University

A handwritten signature in blue ink, reading "Stacy-Ann Christian", written over a horizontal line.

Stacy-Ann Christian  
Director  
Research Administration and Finance

A handwritten date "7/29/13" in blue ink, written over a horizontal line.

Date

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

Y. Biodiversity Research Institute



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David Evers  
Executive Director

7.22.13

Date

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

Z. Marine Biological Laboratory

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.

\_\_\_\_\_  
Rebecca Lynn, CRA  
Manager of Sponsored Programs

\_\_\_\_\_  
Date



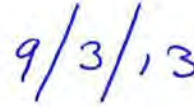
**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

AA. University of New England



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Nicholas D. Gere  
Director of Research Administration



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Date

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

BB. Schoodic Education and Research Center Institute (SERC)

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.

\_\_\_\_\_  
Michael Soukup, Ph.D.  
President/CEO

\_\_\_\_\_  
date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. Harvard University



\_\_\_\_\_  
[name]: Webb Brightwell  
[title]: Grants and Contracts Officer  
Office for Sponsored Programs

July 12, 2013  
date

For the avoidance of doubt, The President and Fellows of Harvard College's (Harvard) participation in the Cooperative Agreement is limited to projects directly related to the North Atlantic Coast Cooperative Ecosystem Studies Unit (CESU). As such, none of the foregoing precludes Harvard's participation in projects not directly related to the CESU and separately funded by those federal agencies participating in the CESU. Any agreement between the US Government and Harvard must be signed by authorized organizational representatives.

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

**DD. Manhattan College**

A handwritten signature in cursive script, appearing to read "Dominic Esposito", written in black ink on a light-colored background.

07/01/2013

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[name]: Dominic Esposito  
[title]: Director of Grants Administration

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date