CHESAPEAKE WATERSHED
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT TWO TO
COOPERATIVE and JOINT VENTURE AGREEMENT

between

U.S. DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Fish and Wildlife Service
U.S. Geological Survey
National Park 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 AGRICULTURE
U.S. Forest Service, Northern Research Station
Natural Resources Conservation Service

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

and

THE UNIVERSITY SYSTEM OF MARYLAND (HOST)
University of Maryland Center for Environmental Science
University of Maryland, College Park
University of Maryland, Baltimore County
Frostburg State University

College of William and Mary
George Mason University
Pennsylvania State University
University of the District of Columbia
National Aquarium
American Bird Conservancy
James Madison University
Delaware State University
With the exception of the changes below, all terms and conditions of the Chesapeake Watershed 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

M.2. The University of Richmond and Virginia Institute of Marine Science are hereby included in the Chesapeake Watershed CESU as a Partner Institutions.

ARTICLE III. TERM OF AGREEMENT

A.1. The effective date of the Chesapeake Watershed CESU Cooperative and Joint Venture Agreement is 5 August 2011.

A.2. The effective date of this amendment to the Chesapeake Watershed CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

ARTICLE IV. KEY OFFICIALS

C.24. The technical representative for the University of Richmond is:

Dr. Todd Lookingbill
Asst. Prof. of Geography & the Environment, Asst. Prof. of Biology
The administrative contact for the University of Richmond is:

Diana Thompson Vincelli
Director of Grant Support
28 Westhampton Way
University of Richmond, Virginia 23173
Phone: (804) 289-8005
Fax: (804) 287-1433
dvincell@richmond.edu

C.25. The technical representative for Virginia Institute of Marine Science is:

Dr. Mark Luckenbach
Associate Dean for Research and Advisory Services
Virginia Institute of Marine Science
1375 Greate Road
Gloucester Point, VA 23062-2026
Phone: (804) 684-7029
Fax: (804) 684-7614
luck@vims.edu

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. Fish and Wildlife Service
C. U.S. Geological Survey
D. National Park Service

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

U.S. DEPARTMENT OF AGRICULTURE
G. U.S. Forest Service
H. Natural Resources Conservation Service
I. National Oceanic and Atmospheric Administration

J. THE UNIVERSITY SYSTEM OF MARYLAND (HOST)
K. University of Maryland, College Park
L. University of Maryland, Baltimore County
M. Frostburg State University
N. College of William and Mary
O. George Mason University
P. Pennsylvania State University
Q. University of the District of Columbia
R. National Aquarium
S. American Bird Conservancy
T. James Madison University
U. Delaware State University
V. University of Delaware
W. The Academy of Natural Sciences
X. Western Pennsylvania Conservancy
Y. American University
Z. Christopher Newport University
AA. Howard University
BB. Indiana University of Pennsylvania
CC. University of Mary Washington
DD. University of Virginia
EE. Anne Arundel Community College
FF. George Washington University
GG. Shippensburg University

HH. University of Richmond

II. Virginia Institute of Marine Science
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Dr. John G. Lyon
State Director, Eastern States

05 03 2013
Date

Lisa T. Clayton
Grants Management Officer

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

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.

___________________________________   ______________
Paul Phifer             Date
Assistant Regional Director
Ecological Services, Region 5
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

[Signature]
Sherri Ly Breseden
Contracting Officer

Date: 05/06/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

Tracey YM Crockett
Chief, Acquisition Management
National Park Service
National Capital Region

29 May 13
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Signature]
Derek Gadbury
Grants Officer Representing ODUSD (I&E)

[Date]
May 17
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Deannda Sontag
Grants Officer

Digitally signed by
SONTAG.DEANNDA.S.1230791909
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SONTAG.DEANNDA.S.1230791909
Date: 2013.05.10 09:17:10 -05'00'

10 May 2013

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service

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 Garrison             Date
Grants Management Specialist
USDA Forest Service
Northern Research Station
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

H. Natural Resources Conservation Service

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.

___________________________________   ______________
Jane Hardisty            Date
Acting Deputy Chief for Management
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. National Oceanic and Atmospheric Administration

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.

___________________________________   ______________
Frank Almeida        Date
Acting NEPSC Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. The University System of Maryland

William E. Kirwan
Chancellor

6/19/13

J.1 University of Maryland Center for Environmental Sciences

Ruth Tallman
Director, Office of Research Administration & Advancement

6/10/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. University of Maryland, College Park

[Signature]
Monique Anderson
Assistant Director, Research Administration

Date
5/3/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. University of Maryland, Baltimore County

Stan Jackson, CRA
Grants and Contracts Manager

Date 6/7/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Frostburg State University

[Signature]

Joseph M. Hoffman
Dean, College of Liberal Arts and Sciences

[Signature]

Date 5/6/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. College of William and Mary

Randolph M. Chambers
Director, Keck Environmental Lab

3 May 2013
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. George Mason University

Michael Laskofski
Associate Vice President of Research Operations

Date 5/3/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Pennsylvania State University

Lisa A. Hipple, CRA
Associate Director of Sponsored Programs

May 10, 2013
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. University of the District of Columbia

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.

___________________________________   ______________
Graeme Baxter            Date
Provost and Vice President for Academic Affairs (Interim)
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. National Aquarium

John D. Goodenow  
Senior Director of Development

John Racanelli  
CEO

5/20/13  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. American Bird Conservancy

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 Pashley  
Vice President  

_________________________    ______________________
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. James Madison University

John D. Hulvey
Director, Sponsored Programs
Administration and Accounting

5/3/2013 Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Delaware State University

[Signature]
Harry Lee Williams
President

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

V. University of Delaware

Katherine M. Lyons  
Contract and Grant Specialist  

Date: 5/3/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. The Academy of Natural Sciences

David Velinsky  
Vice President for Environmental Science
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Western Pennsylvania Conservancy

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.

___________________________________   ______________
Shaeen Fenlon                      Date
Vice President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. American University

Scott A. Bass
Provost

Date
5/21/13
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Christopher Newport University

Mark Padilla
Provost

Date
5/3/2013
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Howard University

[Signature]
Wayne A. I. Frederick, M.D., MBA, F.A.C.S.
Provost and Chief Academic Officer

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

BB. Indiana University of Pennsylvania

[Signature]
Timothy P. Mack
Dean of the School of Graduate Studies and Research

[Date]
May 26, 2013
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC.  University of Mary Washington

[Signature]
Richard R. Pearce
Vice President for Administration and Finance

5/20/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. University of Virginia

[Signature]

Robert Merhige

Director of Grants and Contracts, Office of Sponsored Programs

5/3/13
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Anne Arundel Community College

Dr. Dawn Lindsay
President

May 15, 2013
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. George Washington University

Leo M. Chalupa
Vice President for Research

30 May 2013
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Shippensburg University

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.

__________________________  ______________
Barbara G. Lyman, PhD      Date
Provost and Senior Vice President for Academic Affairs
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. University of Richmond

[Signature]

Print Name: Stephen Adhred
Print Title: Provost and Vice President for Academic Affairs

April 29, 2013
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. Virginia Institute of Marine Science

[Signature]

Margaret J. Fonner
Director of Sponsored Programs

4/25/2013
Date