CHESAPEAKE WATERSHED
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT THREE 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
ARTICLE I. BACKGROUND AND OBJECTIVES

M.3. Garrett College and Virginia Commonwealth University 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.26. The technical representative for Garrett College is:
C.27. The technical representative for Virginia Commonwealth University is:

Dr. Gregory Garman  
Director, Center for Environmental Studies  
Research Director, VCU Rice Rivers Center  
Associate Professor, Department of Biology  
1000 West Cary Street  
P.O. Box 843050  
Richmond, Virginia 23284-3050  
Phone: (804) 828-1574  
ggarman@vcu.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

U.S. DEPARTMENT OF COMMERCE
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
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

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.

_________________________  ____________________
Elana Fink                  Date
Deputy State Director, Eastern States

_________________________  ____________________
Lisa Clayton                Date
Grants Management Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Fish and Wildlife Service

Paul Phifer  
Assistant Regional Director  
Ecological Services, Region 5  

Michael H. Lattner  
CHESAPEAKE COORDINATOR  

2/18/15  
Date  

SCIENCE APPLICATIONS,
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. U.S. Geological Survey

[Signature]

Sherri Ly Breseden
Contracting Officer

01/09/13
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park 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.

___________________________________ ______________
Tracey YM Crockett           Date
Chief, Acquisition Management
National Park Service
National Capital Region
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

ROBICHEAUX.TRACI.D.1

260353990

Traci Robicheaux
Grants Officer (Representing ODUSD (I&E))
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

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: 2015.01.22 14:25:21 -06'00'

Deannda Sontag
Grants Officer

22 Jan 2015
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service

David Garrison
Grants Management Specialist
USDA Forest Service
Northern Research Station

Date 1/12/15
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.

___________________________________ ______________
Gayle N. Barry Date
Deputy Chief for Management
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. National Oceanic and Atmospheric Administration

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

2/6/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. The University System of Maryland

[Signature]
William E. Kirwan
Chancellor

2/13/15
Date

J.1 University of Maryland Center for Environmental Sciences

[Signature]
Angela B. Richmond
Director, Office of Research Administration & Advancement

2/12/2015
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. University of Maryland, College Park

Monique Anderson
Assistant Director, Research Administration

Date 1/22/15
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. University of Maryland, Baltimore County

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.

___________________________________________________________________________ Date
Stan Jackson, CRA
Grants and Contracts Manager
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Frostburg State University

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

[Signature]
Jan 8, 2013
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. College of William and Mary

Randolph Chambers
Director, Keck Environmental Lab

1-9-2015

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. George Mason University

Michael Laskofski
Associate Vice President of Research Operations

11/8/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Pennsylvania State 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.

Lisa A. Hipple  Date
Associate Director of Sponsored Programs
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 Racanelli
Chief Executive Officer

2/20/15
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 Date
Vice President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. James Madison 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.

___________________________________ ______________
John D. Hulvey      Date
Director, Sponsored Programs
Administration and Accounting
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Delaware State University

[Signature]
Harry Lee Williams
President

[Signature]
1/12/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of Delaware

[Signature]
Katherine M. Lyons
Contract and Grant Specialist

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. The Academy of Natural Sciences

[Signature]
David Velinsky
Vice President for Environmental Science

2/5/15
Date

2/5/15
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

[Signature]

2/23/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Christopher Newport University

Mark Padilla
Provost

David C. Doughty, Jr.

1/4/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Howard University

Michael R. Winston, Ph.D.
Provost and Chief Academic Officer

[Signature]

1/15/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB, Indiana University of Pennsylvania

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

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. University of Mary Washington

Richard R. Pearce
Vice President for Administration and Finance

1-14-15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. University of Virginia

[Signature]

Robert Merhige
Director of Grants and Contracts, Office of Sponsored Programs

2/15/15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Anne Arundel Community College

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. Dawn Lindsay  Date
President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. George Washington 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.

___________________________________ ______________
Leo M. Chalupa Date
Vice President for Research
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Shippensburg University

[Signature]
Barbara G. Lyman, PhD
Provost and Senior Vice President for Academic Affairs

2-16-15
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. University of Richmond

[Signature]

Stephen Alfred
Jacquelyn S. Fetrow, Ph.D.
Provost and Vice President for Academic Affairs

02/06/2015
Date
II. Virginia Institute of Marine Science

Margaret J. Fonner
Director of Sponsored Programs

1/12/2015
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. Garrett College

[print name] Richard L. MacLennan
[print title] President

Date 11/1/14
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Virginia Commonwealth University

[Signature]

[Date]

Andrea J. Publow, MFA, CRA
VCU Director of Sponsored Programs-
Government/NonProfit Support