CHESAPEAKE WATERSHED
COOPERATIVE ECOSYSTEM STUDIES UNIT

AMENDMENT ONE 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

I.3. The George Washington University and Shippensburg University are hereby included in the Chesapeake Watershed CESU as 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.22. The technical representative for George Washington University is:

Peg Barratt
Dean, Columbian College of Arts and Sciences
George Washington University
C.23. The technical representative for the Shippensburg University is:

Dr. Claire Jantz  
Associate Professor  
Department of Geography-Earth Science  
Shippensburg University  
1871 Old Main Drive  
Shippensburg, PA 17257  
Phone: (717) 477-1399  
Fax: (717) 477-4028  
cajant@ship.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  
N. College of William and Mary  
O. George Mason 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.

Dr. John G. Lyon
Director, Eastern States

Lisa T. Clayton
Grants Management Officer

___________________________________   ______________
Dr. John G. Lyon             Date

___________________________________   ______________
Lisa T. Clayton         Date

Grants Management Officer
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.

___________________________________   ______________________
P a u l  P h i f e r             Date
Assistant Regional Director
Ecological Services, Region 5
C. U.S. Geological Survey

[Signature]
Sherri Ly Breseden
Contracting Officer

Date: 01/12/12
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

[Signature]

Thomson M. McConnell
National Capital Region
Contracting/Agreements Officer

[Date]

February 28, 2017
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

[Signature]
Leslie E. Guy
Grants Officer Representing ODUSD (I&E)

[Date]
5 JAN 10
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: 2012.01.03 13:41:00 -06'00'

Deannda Sontag
Grants Officer

3 Jan 2012
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. U.S. Forest Service

David Garrison
Grants Management Specialist
USDA Forest Service
Northern Research Station

Date 11/03/12
H. Natural Resources Conservation Service

GARRY LEE
Acting Deputy Chief for Management

1/19/12
Date
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

[Signature]
William E. Kirwan
Chancellor

1/03/12
Date

J.1 University of Maryland Center for Environmental Sciences

[Signature]
Ruth Tallman
Ruth Tallman
Director, Office of Research Administration & Advancement

1/4/12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. University of Maryland, College Park

[Signature]
Monique Anderson
Assistant Director, Research Administration

1/3/12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. University of Maryland, Baltimore County

[Signature]

Stan Jackson, CRA
Grants and Contracts Manager

2/6/2012
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Frostburg State University

[Signature]

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

2/10/12  

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. College of William and Mary

Randolf M. Chambers
Director, Keck Environmental Lab
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. George Mason University

[Signature]

Michael Laskofski
Associate Vice President of Research Operations

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

P. Pennsylvania State University

[Signature]

Susan J. Wiedemer
Assistant Treasurer

1/5/12
Date

Lisa A. Hipple
Assoc. 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 D. Goodenow  
Senior Director of Development

Date

1-3-12
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. American Bird Conservancy

[Signature]
David Fashey
Vice President

Feb. 2, 2012
Date

agreement@cesu.org
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. James Madison University

John D. Hulvey
Director, Sponsored Programs
Administration and Accounting

1/3/2017
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. Delaware State University

Harry Lee Williams  
President  

1/4/12  
Date
V. University of Delaware

Katherine M. Lyons
Contract and Grant Specialist

Date 11/4/12
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. The Academy of Natural Sciences

David Velinsky
Vice President for Environmental Science

1/3/12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Western Pennsylvania Conservancy

[Signature]
Shaeen Fenlon
Vice President

[Date]
February 2012
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. American University

[Signature]
Scott A. Bass
Provost

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

Z. Christopher Newport University

[Signature]
Mark Padilla
Provost

[Signature]
Date
11/4/2012
MB
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. Howard 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.

___________________________________   ______________
Dr. James H. Wyche      Date
Provost and Chief Academic Officer


ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. Indiana University of Pennsylvania

Timothy P. Mack  
Dean of the School of Graduate Studies and Research  
Jan 5, 2012  
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CC. University of Mary Washington

Richard R. Pearce
Acting Vice President for Administration and Finance

1/10/12
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. University of Virginia

[Signature]

Gerald J. Kane, Jr.  Robert Merchise  Date
Director of Grants and Contracts, Office of Sponsored Programs
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Anne Arundel Community College

[Signature]
Andrew L. Meyer
Vice President for Learning

[Date]
1/4/12
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. George Washington University

Leo M. Chalupa, Vice President for Research

Print Name: Leo M. Chalupa, Vice President for Research
Print Title:

12/20/2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Shippensburg University

[Signature]

Print Name: Barbara G. Lyman, Ph.D.  
Print Title: Provost & Senior Vice President for Academic Affairs  
Date: 12-6-11