# CHESAPEAKE WATERSHED COOPERATIVE ECOSYSTEM STUDIES UNIT

# AMENDMENT FOUR 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

**University of Delaware** The Academy of Natural Sciences **Western Pennsylvania Conservancy American University Christopher Newport University Howard University Indiana University of Pennsylvania University of Mary Washington** University of Virginia **Anne Arundel Community College George Washington University Shippensburg University University of Richmond** Virginia Institute of Marine Science **Garrett College Virginia Commonwealth University** 

# Adding: Virginia Department of Conservation and Recreation's Division of Natural Heritage

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.4. Virginia Department of Conservation and Recreation's Division of Natural Heritage (VaDCR-DNH) is hereby included in the Chesapeake Watershed CESU as a Partner Institution.

#### 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.28. The technical representative for Virginia Department of Conservation and Recreation's Division of Natural Heritage is:

J. Christopher Ludwig Chief Biologist VaDCR-DNH 600 East Main Street, 16th floor Richmond, VA 23219 Phone: (804) 371-6206

chris.ludwig@dcr.virginia.gov

#### 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
- 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
- JJ. Garrett College
- KK. Virginia Commonwealth University
- LL. Virginia Department of Conservation and Recreation's Division of Natural Heritage

A. Bureau of Land Management	
Per Article III, C: If a Partner Institution or Fed five (45) days from receipt of the amendment, i the amendment effective.	
Elana Fink Deputy State Director, Eastern States	Date

B.	U.S.	Fish	and	Wildlife	Service

Per Article III, C: If a Partner Institution or Federal five (45) days from receipt of the amendment, its sign	0 / 1
Michael Slattery Chesapeake Coordinator	Date
Science Applications, Region 5	

C. U.S. Geological Survey

Sherri Ly Breseden Contracting Officer

D. National Park Service	
Per Article III, C: If a Partner Institution or Federal forty-five (45) days from receipt of the amendment, make the amendment effective.	-
Tracey YM Crockett Chief, Acquisition Management National Park Service National Capital Region	Date

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

353990

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Traci Robicheaux

Date

Grants Officer (Representing ODUSD (I&E))

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

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c=U.S. o=U.S. Government, ou=DoD, ou=PKI,
ou=USA,
cn=SONTAG.DEANNDA.S.1230791909
2015.04.24 14:55:08 -05'00'

Deannda Sontag **Grants Officer** 

24 April 2015

G. U.S. Forest Service

David Garrison

**Grants Management Specialist** 

USDA Forest Service

Northern Research Station

H. Natural Resources Conservation Service

Gayle N. Barry

**Deputy Chief for Management** 

I. National Oceanic and Atmospheric Administration

Richard Merrick

Director of Scientific Programs & Chief Science Advisor

National Oceanic and Atmospheric Administration CESU Lead

J. The University System of Maryland

William E. Kirwan

Chancellor

May 1, 2015

May 8, 2015

J.1 University of Maryland Center for Environmental Sciences

Angela B/Richmond

Director, Office of Research Administration & Advancement

K. University of Maryland, College Park

Monique Anderson

Assistant Director, Research Administration

Chesapeake Watershed CESU 2011-2016, Amendment Four, VaDCR-DNH

L. University of Maryland, Baltimore County

Stan Jackson, CRA

Grants and Contracts Manager

M. Frostburg State University

Joseph W. Hoffman

Dean, College of Liberal Arts and Sciences

N. College of William and Mary	
Randolph Chambers  Digitally signed by Randolph Chambers DN: cn=Randolph Chambers, o=College of William and Mary, ou=Keck Environmental Lab, emiall=rmcham@wm.edu, c=US Date: 2015.05.28 07:51:11-04'00'	
Randolf M. Chambers Director, Keck Environmental Lab	Date

O. George Mason University

Michael Laskofski

Associate Vice President of Research Operations

4/27/15 Date

Associate Director of Sponsored Programs

P. Pennsylvania State University

Date

5/8/15

Q. University of the District of Columbia	
Per Article III, C: If a Partner Institution or Federal Agency has not five (45) days from receipt of the amendment, its signature will not amendment effective.	
Graeme Baxter Provost and Vice President for Academic Affairs (Interim)	Date

R. National Aquarium

John (Racanelli

Chief Executive Officer

S. American Bird Conservancy	
Per Article III, C: If a Partner Institution or Fede (45) days from receipt of the amendment, its sign amendment effective.	
David Pashley Vice President	Date

T. James Madison University	
Per Article III, C: If a Partner Institution or Federa days from receipt of the amendment, its signature effective.	
John D. Hulvey Director, Sponsored Programs Administration and Accounting	Date

U. Delaware State University

Harry Lee Williams

President

V. University of Delaware	
Some E Easting	
Sara E. Eastwick Contract and GrantSpecialist	Date

W. The Academy of Natural Sciences

David Velinsky

Vice President for Environmental Science

X. Western Pennsylvania Conservancy	
Per Article III, C: If a Partner Institution or Feder (45) days from receipt of the amendment, its sign amendment effective.	
Shaeen Fenlon Vice President	Date

Y. American University

Scott A Bass

Provost

Z. Christopher Newport University

David C. Doughty, Jr.

Provost

Date

AA. Howard University

Michael R. Winston, Ph.D.

Provost and Chief Academic Officer

Chesapeake Watershed CESU 2011-2016, Amendment Four, VaDCR-DNH

Indiana University of Pennsylvania

Hilliany Creely Assistant Dean for Research

CC. University of Mary Washington

Richard R. Pearce

Vice President for Administration and Finance

6/1/15 /Date

DD. University of Virginia

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

EE. Anne Arundel Community College

Dr. Dawn Lindsay

President

April 28, 2015

Date

FF.	George Washington University	
(45) c		Federal Agency has not responded after forty-five signature will not be required to make the
	M. Chalupa President for Research	Date

GG. Shippensburg University

Barbara G. Lyman, PhD

Provost and Senior Vice President for Academic Affairs

Chesapeake Watershed CESU 2011-2016, Amendment Four, VaDCR-DNH

HH. University of Richmond

Jacquelyn S. Fetrew, Ph.B.
Provost and Vice President for Academic Affairs

Margaret J. Fonner Director of Sponsored Programs	Date
Digitally signed by Margaret J. Fonner ON: cn-Margaret J. Fonner, o-Virginia Institute of Marine Science, oue-Director of Sponored Programs, emails—Informereyown Sedu. call. Date: 2015.04.27 (407):16-0400	4/27/2015
II. Virginia Institute of Marine Science	

JJ. Garrett College	
Per Article III, C: If a Partner Institution or forty-five (45) days from receipt of the amenmake the amendment effective.	Federal Agency has not responded after ndment, its signature will not be required to
Richard L. MacLennan President	Date

KK. Virginia Commonwealth University

Andrea J. Publow, MFA, CRA Director of Sponsored Programs

Government/NonProfit Support

4/28/15 Date

LL. Virginia Department of Conservation and Recreation's Division of Natural Heritage

Clyde E. Cristman

Director, DCR

4-21-15

Date