

**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 AGRICULTURE  
U.S. Forest Service  
Natural Resources Conservation Service**

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

**U.S. DEPARTMENT OF DEFENSE  
U.S. Army Corps of Engineers – Civil Works  
Office of the Assistant Secretary of Defense for  
Energy, Installations, and Environment**

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**

**American University  
Anne Arundel Community College  
Christopher Newport University  
College of William and Mary  
Delaware State University  
Garrett College  
George Mason University  
George Washington University  
Howard University**

**Indiana University of Pennsylvania  
James Madison University  
The Pennsylvania State University  
Shippensburg University  
University of Delaware  
University of the District of Columbia  
University of Mary Washington  
University of Richmond  
University of Virginia  
Virginia Commonwealth University  
Virginia Institute of Marine Science  
The Academy of Natural Sciences  
American Bird Conservancy  
National Aquarium  
Virginia Department of Conservation and Recreation  
Western Pennsylvania Conservancy**

**Adding:  
Shepherd 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.1. Shepherd University 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 05 August 2016.

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.29. The representatives for Shepherd University are as follows:

Technical Representative:

Colleen J. Nolan, Ph.D.  
Dean, School of Natural Sciences and Mathematics  
Shepherd University  
301 N King Street  
PO Box 5000  
Shepherdstown, WV 25434-5000  
Phone: (304) 876-5106  
Fax: (304) 876-5028  
[cnolan@shepherd.edu](mailto:cnolan@shepherd.edu)

Administrative Representative:

Jessica L. Kump  
Director, Sponsored Programs and Corporate and Foundation Relations  
Co-Director, Shepherd Entrepreneurship and Research Corporation (SERC)  
Shepherd University  
301 N King Street  
PO Box 5000  
Shepherdstown, WV 25434-5000  
Phone: (304) 876-5358  
[jkump@shepherd.edu](mailto:jkump@shepherd.edu)

**ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES**

Per Article III.C., the following authorizing signatures are attached:

- J. THE UNIVERSITY SYSTEM OF MARYLAND (HOST)  
University of Maryland Center for Environmental Science
- MM. Shepherd University

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

J. The University System of Maryland (HOST)

[not required for new partner amendment]

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Robert L. Caret  
Chancellor

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Date

J.1. University of Maryland Center for Environmental Science

**Angela  
Richmond**



Digitally signed by Angela Richmond  
DN: cn=Angela Richmond, o=University of Maryland  
Center for Environmental Science, ou=Office of  
Research Administration and Advancement,  
email=arichmond@umces.edu, c=US  
Date: 2017.06.14 11:41:27 -04'00'

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Angela B. Richmond  
Director, Office of Research Administration and Advancement

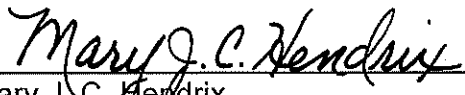
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June 14, 2017

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

MM. Shepherd University

  
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Mary J. C. Hendrix  
President

6-21-17  
Date