

**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 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  
Shepherd University  
Virginia Polytechnic Institute and State University**

**Adding:  
Binghamton University  
Bowie State University  
Ecological Society of America  
Longwood University  
Maryland Institute College of Art  
Morgan State University  
Ohio University  
Park Rx America  
St. Mary's College of Maryland  
Stroud Water Research Center  
University of Maryland Eastern Shore  
University of Pennsylvania**

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.3. Binghamton University, Bowie State University, Ecological Society of America, Longwood University, Maryland Institute College of Art, Morgan State University, Ohio University, Park Rx America, St. Mary's College of Maryland, Stroud Water Research Center, University of Maryland Eastern Shore, and University of

Pennsylvania 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 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.31. The representatives for Binghamton University are:

*Technical Representative(s):*

Carl Lipo, Ph.D.  
Associate Dean for Research and Programs, Harpur College  
Director, Environmental Studies Program  
Professor, Department of Anthropology  
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*Administrative Representative(s):*

Tanja deMauro  
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[tdemauro@binghamton.edu](mailto:tdemauro@binghamton.edu)

- C.32. The representatives for Bowie State University are:

*Technical Representative(s):*

Gina M. Lewis  
Associate Professor, Art

Program Coordinator, Studio Art  
Department of Fine and Performing Arts  
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14000 Jericho Park Rd  
Bowie, MD 20715  
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[glewis@bowiestate.edu](mailto:glewis@bowiestate.edu)

*Administrative Representative(s):*

Dr. Anika Bissahoyo  
Director, Office of Sponsored Projects and Research  
Bowie State University  
14000 Jericho Park Rd  
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Phone: (301) 860-4399  
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C.33. The representatives for the Ecological Society of America are:

*Technical Representative(s):*

Clifford S. Duke, Ph.D.  
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[csduke@esa.org](mailto:csduke@esa.org)

*Administrative Representative(s):*

Elizabeth Biggs  
Chief Financial Officer and Interim Executive Director  
Ecological Society of America  
1990 M Street NW, Suite 700  
Washington, DC 20036  
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Fax: (202) 833-8775  
[liz@esa.org](mailto:liz@esa.org)

C.34. The representatives for Longwood University are:

*Technical Representative(s):*

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Professor of Anthropology and Archaeology  
Executive Director and Senior Principal Investigator  
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Phone: (434) 547-9670 (Mobile)  
Fax: (434) 395-2200  
[batesbd@longwood.edu](mailto:batesbd@longwood.edu)

*Administrative Representative(s):*

Regina Maldve, Ph.D.  
Director, Office of Sponsored Programs and Research  
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C.35. The technical representative for Maryland Institute College of Art is:

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C.36. The representatives for Morgan State University are:

*Technical Representative(s):*

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*Administrative Representative(s):*

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C.37. The technical representative for Ohio University is:

Laura L. Jensen, M.P.H.  
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C.38. The technical representative for Park Rx America is:

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[john@parkrxamerica.org](mailto:john@parkrxamerica.org)

C.39. The technical representative for St. Mary's College of Maryland is:

Dr. Sabine L. Dillingham  
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Fax: (240) 895-2230  
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C.40. The technical representative for the Stroud Water Research Center is:

Scott Ensign, Ph.D.  
Assistant Director  
Administration and Finance Department  
Stroud Water Research Center  
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Phone: (610) 268-2153 ext. 223  
[ensign@stroudcenter.org](mailto:ensign@stroudcenter.org)

C.41. The representatives for University of Maryland Eastern Shore are:

*Technical Representative(s):*

Joseph Pitula  
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2107 Carver Hall  
University of Maryland Eastern Shore  
Princess Anne, MD 21853  
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[jspitula@umes.edu](mailto:jspitula@umes.edu)

*Administrative Representative(s):*

Catherine S. Bolek  
Director, Office of Sponsored Research and Programs  
11868 Academic Oval  
University of Maryland Eastern Shore  
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[csbolek@umes.edu](mailto:csbolek@umes.edu)

C.42. The representatives for University of Pennsylvania are:

*Technical Representative(s):*

Randall F. Mason, Ph.D.  
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Graduate Program in Historic Preservation  
Department of City and Regional Planning  
School of Design

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Fax: (215) 573 2697  
[rfmason@design.upenn.edu](mailto:rfmason@design.upenn.edu)

*Administrative Representative(s):*

Melissa Peloso  
Associate Vice President/Associate Vice Provost  
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University of Pennsylvania  
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[epeloso@upenn.edu](mailto:epeloso@upenn.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
- OO. Binghamton University
- PP. Bowie State University
- QQ. Ecological Society of America
- RR. Longwood University
- SS. Maryland Institute College of Art
- TT. Morgan State University
- UU. Ohio University
- VV. Park Rx America
- WW. St. Mary's College of Maryland
- XX. Stroud Water Research Center
- YY. University of Maryland Eastern Shore
- ZZ. University of Pennsylvania



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


**J. THE UNIVERSITY SYSTEM OF MARYLAND (HOST)**

[not required for new partner amendment]

\_\_\_\_\_  
Robert L. Caret  
Chancellor

\_\_\_\_\_  
Date

**J.1. University of Maryland Center for Environmental Science**

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

  
\_\_\_\_\_  
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

OO. Binghamton University

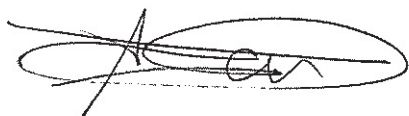


Paul C. Parker  
Officer in Charge, Research Division

3/14/18  
Date

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

PP. Bowie State University




\_\_\_\_\_  
Guy-Alain Amoussou  
Interim Provost and Vice President for Academic Affairs

3/13/18

\_\_\_\_\_  
Date

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

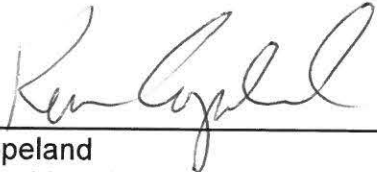
QQ. Ecological Society of America

  
\_\_\_\_\_  
Elizabeth Biggs  
Chief Financial Officer and Interim Executive Director

3/13/18  
Date

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

RR. Longwood University



\_\_\_\_\_  
Ken Copeland  
Vice President for Administration and Finance



\_\_\_\_\_  
Date

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

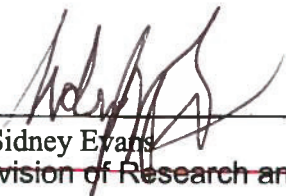
SS. Maryland Institute College of Art

  
\_\_\_\_\_  
David Bogen  
Provost and Vice President for Academic Affairs

3/15/18  
Date

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

TT. Morgan State University

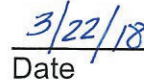
  
\_\_\_\_\_  
~~Victor McCrary~~ ~~Sidney Evans~~ 3/16/18  
~~Vice President, Division of Research and Economic Development~~ Date  
Vice President, Finance and Management

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

UU. Ohio University



\_\_\_\_\_  
P. Maureen Valentine  
Assistant Vice President for Research and Sponsored Programs

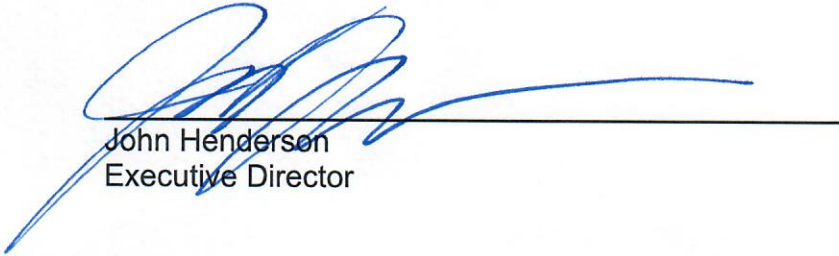


\_\_\_\_\_  
Date



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

VV. Park Rx America




John Henderson  
Executive Director

3.9.2018  
Date

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

WW. St. Mary's College of Maryland

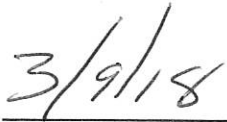
  
\_\_\_\_\_  
Michael R. Wick  
Provost and Dean of Faculty

  
Date

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

XX. Stroud Water Research Center

  
\_\_\_\_\_  
David B. Arscott  
President and Executive Director

  
\_\_\_\_\_  
Date

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

YY. University of Maryland Eastern Shore

  
\_\_\_\_\_

Dr. Juliette B. Bell

President

3/12/18

Date

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

ZZ. University of Pennsylvania



\_\_\_\_\_  
W. Stuart Watson  
Associate Director, Office of Research Services

\_\_\_\_\_  
03/21/2018

Date