

**CHESAPEAKE WATERSHED
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT ONE to
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

**U.S. DEPARTMENT OF THE INTERIOR
Bureau of Indian Affairs
Bureau of Land Management
Bureau of Ocean Energy 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
Office of the Assistant Secretary of Defense for Sustainment
U.S. Army Corps of Engineers–Civil Works**

National Aeronautics and Space Administration

and

**THE UNIVERSITY SYSTEM OF MARYLAND (HOST)
University of Maryland Center for Environmental Science
University of Maryland, Baltimore County
University of Maryland, College Park
University of Maryland Eastern Shore
Bowie State University
Frostburg State University
Towson University**

**American University
Anne Arundel Community College
Binghamton University**

Bryn Mawr College
Christopher Newport University
College of William and Mary
Delaware State University
Gallaudet University
Garrett College [withdrawn]
George Mason University
George Washington University
Hood College
Howard University
Indiana University
Indiana University of Pennsylvania
James Madison University
Johns Hopkins University
Lock Haven University
Longwood University
Mansfield University
Maryland Institute College of Art
Monmouth University
Morgan State University
Ohio University
Old Dominion University
The Pennsylvania State University
St. Mary's College of Maryland
Shepherd University
Shippensburg University
Smithsonian Institution
Temple University
University of Delaware
University of the District of Columbia
University of Mary Washington
University of Pennsylvania
University of Richmond
The Rector and Visitors of the University of Virginia
Virginia Commonwealth University
Virginia Institute of Marine Science
Virginia Polytechnic Institute and State University
West Virginia University
DC Department of Energy and Environment
Virginia Department of Conservation and Recreation
The Academy of Natural Sciences
American Bird Conservancy
American Indian Higher Education Consortium
Association for the Study of African American Life and History
Association of African American Museums
Conservation Science Global, Inc.

**Ecological Society of America
Live It, Learn It
National Aquarium
NatureServe
Park Rx America
Stroud Water Research Center
Western Pennsylvania Conservancy**

**Adding:
Austin Peay State University
Georgetown University
Immaculata University
Marymount University
United States Naval Academy
Virginia Department of Wildlife Resources
Chesapeake Conservancy**

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

N.1. Austin Peay State University, Georgetown University, Immaculata University, Marymount University, United States Naval Academy, Virginia Department of Wildlife Resources, and Chesapeake Conservancy 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 2021.

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.63. The representatives for Austin Peay State University are as follows:

Technical Representative(s):

Christopher Gentry, Ph.D.
Director, Center of Excellence for Field Biology
Austin Peay State University
PO Box 4718
Clarksville, TN 37044
Phone: (931) 221-7783
Fax: (931) 221-6372
gentryc@apsu.edu

Dwayne Estes, Ph.D.
Executive Director, Southeastern Grasslands Institute
Austin Peay State University
PO Box 4718
Clarksville, TN 37044
Phone: (931) 221-7771
Fax: (931) 221-6372
estesl@apsu.edu

Administrative Representative(s):

Tim Atkinson, Ed.D.
Director, Research and Sponsored Programs
Austin Peay State University
PO Box 4517
Clarksville, TN 37044
Phone: (931) 221-7881
Fax: (931) 221-7304
atkinsont@apsu.edu

C.64. The representatives for Georgetown University are as follows:

Technical Representative(s):

Peter P. Marra, Ph.D.
Director, The Earth Commons Institute
Laudato Si' Professor of Biology and the Environment
Professor, McCourt School of Public Policy
Georgetown University
Regents Hall, Room 391
37th and O Streets NW
Washington, DC 20057
Phone: (202) 687-3335
Peter.Marra@georgetown.edu

Administrative Representative(s):

Treasa McDonald
Research Administrator and Operations Manager

Georgetown Environment Initiative
Georgetown University
Regents Hall, Room 391
37th and O Streets NW
Washington, DC 20057
Phone: (202) 687-3950
tm1431@georgetown.edu

C.65. The representatives for Immaculata University are as follows:

Technical Representative(s):

Stephen C. Mason, Jr., Ph.D.
Assistant Professor of Biology
Department of Natural Sciences
Immaculata University
1145 West King Road
Immaculata, PA 19345
Phone: (484) 323-3276
smason2@immaculata.edu

Administrative Representative(s):

Kelly C. George, Ph.D.
Director, Office of Sponsored Research
Assistant Professor of Media and Communication
Department of Arts, Languages, and Letters
Immaculata University
1145 West King Road
Immaculata, PA 19345
Phone: (215) 680-1582
kgeorge@immaculata.edu

C.66. The representatives for Marymount University are as follows:

Technical Representative(s):

Janine K. Burgess, MPA
Director, Office of Sponsored Programs
2003 Chapel Hill, Main House
Marymount University
2807 North Glebe Road
Arlington, VA 22207
Phone: (703) 908-7644
Fax: (703) 284-1553
Jburgess@marymount.edu

Administrative Representative(s):

Rita Wong, EdD, PT, FAPTA
Associate Vice-President of Research
2011 Chapel Hill, Main House
Marymount University
2807 North Glebe Road
Arlington, VA 22207
Phone: (703)-284-5982
Fax: (703)-284-1553
rwong@marymount.edu

C.67. The representatives for the United States Naval Academy are as follows:

Technical Representative(s):

Liliana Velásquez Montoya, Ph.D.
Assistant Professor
Naval Architecture and Ocean Engineering Department
United States Naval Academy
590 Holloway Road, Stop 11D
Annapolis, MD 21402
Phone: (410) 293-6446
velasque@usna.edu

Administrative Representative(s):

Jean Decker
Grants Specialist
Office of Research and Scholarship
United States Naval Academy
589 McNair Road, Stop 10M
Annapolis, MD 21402
Phone: (410) 293-2512
jdecker@usna.edu

Joyce E. Shade, Ph.D.
Deputy Director of Research and Scholarship for Technology Transfer
Special Assistant to the Provost for Administration
United States Naval Academy
589 McNair Road, Stop 10M
Annapolis, MD 21402
Phone: (410) 293-2509
shade@usna.edu

C.68. The representatives for the Virginia Department of Wildlife Resources are as follows:

Technical Representative(s):

Rebecca Gwynn
Deputy Director
Virginia Department of Wildlife Resources
7870 Villa Park Drive
PO Box 90778
Henrico, VA 23228-0778
Phone: (804) 593-2043
Mobile: (804) 389-3953
becky.gwynn@dwr.virginia.gov

Administrative Representative(s):

Darin Moore
Director of Planning and Finance
Virginia Department of Wildlife Resources
7870 Villa Park Drive
PO Box 90778
Henrico, VA 23228-0778
Phone: (804) 367-1103
darin.moore@dwr.virginia.gov

C.69. The representatives for the Chesapeake Conservancy are as follows:

Technical Representative(s):

Kumar Mainali, Ph.D.
Senior Data Scientist
Chesapeake Conservancy
716 Giddings Avenue, Suite 42
Annapolis, MD 21401
Phone: (240) 425-8040
kmainali@chesapeakeconservancy.org

Administrative Representative(s):

Katie Walker
Geospatial Program Manager
Chesapeake Conservancy
716 Giddings Avenue, Suite 42
Annapolis, MD 21401
Phone: (443) 345-5985
kwalker@chesapeakeconservancy.org

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

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

- M. THE UNIVERSITY SYSTEM OF MARYLAND (HOST)
University of Maryland Center for Environmental Science
- XXX. Austin Peay State University
- YYY. Georgetown University
- ZZZ. Immaculata University
- AAAA. Marymount University
- BBBB. United States Naval Academy
- CCCC. Virginia Department of Wildlife Resources
- DDDD. Chesapeake Conservancy

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. THE UNIVERSITY SYSTEM OF MARYLAND (HOST)

[not required for new partner amendment]

Jay A. Perman
Chancellor

Date

M.1. University of Maryland Center for Environmental Science

Ginger Steelman

Ginger Steelman
Associate Director
Office of Research Administration and Advancement

4/10/2022

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

XXX. Austin Peay State University

DocuSigned by:

Dr. Chad Brooks

84E9DFFCA290471...

Chad S. Brooks, Ph.D.

Associate Provost for Research

3/17/2022 | 10:15 AM CDT

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

YYY. Georgetown University

Jesse Szeto Digitally signed by Jesse Szeto
Date: 2022.03.14 11:54:13 -04'00'


Jesse Szeto
Senior Director, Office of Research Services

Mar 14, 2022

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

ZZZ. Immaculata University

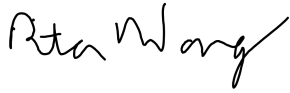


Barbara Lettiere
President

3-14-22
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AAAA. Marymount University



Rita Wong, EdD, PT, FAPTA
Associate Vice-President of Research

3/16/22

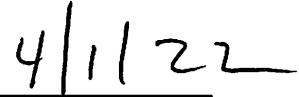
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BBBB. United States Naval Academy



Andrew T. Phillips
Provost



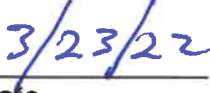
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

CCCC. Virginia Department of Wildlife Resources




Ryan J. Brown
Executive Director



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DDDD. Chesapeake Conservancy

DocuSigned by:

FACC2A00A8E148B...
JOEL DUNN
President and CEO

3/11/2022
Date