USGS # G14ACO0185 NPS # P14AC00888 USFWS # F14AC00282 BOEM # no number issued NRCS # A-3A75-14-170 USACE-CW # W912HZ-08-2-0007 DOD ODUSD (I&E) # W9126G-14-2-0016 NOAA # no number issued

NORTH ATLANTIC COAST COOPERATIVE ECOSYSTEM STUDIES UNIT

COOPERATIVE and JOINT VENTURE AGREEMENT

between

Narragansett Indian Tribal Historic Preservation Office (NITHPO) on behalf of the Narragansett Indian Tribe

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
National Park Service
U.S. Fish and Wildlife Service
Bureau of Ocean Energy Management

U.S. DEPARTMENT OF AGRICULTURE Natural Resources Conservation Service

U.S. DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers – Civil Works
Office of the Deputy Under Secretary of Defense (Installations and Environment)

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

and

UNIVERSITY OF RHODE ISLAND (HOST)
The Research Foundation of SUNY for Stony Brook University
Rutgers University
University of Maryland Eastern Shore
University of Massachusetts – Amherst
Maryland Coastal Bays Program
The University of Maine

City University of New York College of the Atlantic The Research Foundation of State University of New York for SUNY College of Environmental Science and Forestry Columbia University in the City of New York **University of Massachusetts – Boston Bates College Center for Coastal Studies Cornell University Northeastern University Biodiversity Research Institute Marine Biological Laboratory (MBL) University of New England** Schoodic Education and Research Center Institute **Harvard University Manhattan College University of Connecticut**

ARTICLE I. BACKGROUND AND OBJECTIVES

- A. This Cooperative and Joint Venture Agreement (hereinafter called Agreement) between the Narragansett Indian Tribal Historic Preservation Office (NITHPO) on behalf of the Narragansett Indian Tribe, a sovereign nation, U.S. Geological Survey, National Park Service, U.S. Fish and Wildlife Service, Bureau of Ocean Energy Management, Natural Resources Conservation Service, U.S. Army Corps of Engineers Civil Works, Office of the Deputy Under Secretary of Defense (Installations and Environment), and National Oceanic and Atmospheric Administration (hereinafter called Federal Agencies), and the University of Rhode Island and its partner institutions is a continuation for a five (5) year term to provide for the operation and maintenance of the North Atlantic Coast Cooperative Ecosystem Studies Unit (CESU). This continuation of the North Atlantic Coast CESU is implemented by mutual consent of the parties and is consistent with the prior Agreement and the express intent of the request for proposals for that Agreement. The North Atlantic Coast CESU is associated with a national network of CESUs.
- B. The objectives of the North Atlantic Coast Cooperative Ecosystem Studies Unit are to:
 - Provide research, technical assistance and education to federal land management, environmental and research agencies and their potential partners;
 - Develop a program of research, technical assistance and education that involves the biological, physical, social, and cultural sciences needed to address resources issues and interdisciplinary problem-solving at multiple

- scales and in an ecosystem context at the local, regional, and national level; and
- Place special emphasis on the working collaboration among federal agencies and universities and their related partner institutions.
- C. The U.S. Geological Survey (hereinafter called USGS) serves the Nation by providing reliable scientific information to describe and understand the Earth, minimize the loss of life and property from natural disasters, manage water, biological, energy, and mineral resources, and enhance and protect our quality of life. USGS has authority to enter into this Agreement pursuant to Pub. L. 99-591, that bestows permanent authority on the USGS to "prosecute projects in cooperation with other agencies, Federal, state, and private" (43 U.S.C. § 36(c)), the USGS Organic Act of March 3,1879, as amended (43 U.S.C. § 31 et seq.), 16 U.S.C. § 1(a)(2)(j), 16 U.S.C. § 1(g), 16 U.S.C. § 5933, and 16 U.S.C. § 753a to continue the North Atlantic Coast CESU to assist in providing research, technical assistance, and education.
- D. The National Park Service (NPS) manages areas of the National Park System "to conserve the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations" (16 U.S.C. § 1 et seq.). In support of this broad mission, the Secretary of the Interior is authorized and directed to assure that management of units of the National Park System is enhanced by the availability and utilization of a broad program of the highest quality science and information (16 U.S.C. § 5932), and to enter into cooperative agreements with colleges and universities, including but not limited to land grant schools, in partnership with other Federal and State agencies, to establish cooperative study units to conduct multi-disciplinary research and develop integrated information products on the resources of the National Park System, or the larger region of which parks are a part (16 U.S.C. § 5933). The NPS is authorized to enter into cooperative agreements with public or private educational institutions, States, and their political subdivisions, for the purpose of developing adequate, coordinated, cooperative research and training activities concerning the resources of the National Park System (16 U.S.C. § 1a-2(j)); with State, local and tribal governments, other public entities, educational institutions, and private nonprofit organizations for the public purpose of carrying out National Park Service programs (16 U.S.C. § 1g); with State, local, or tribal governments, other Federal agencies, other public entities, educational institutions, private nonprofit organizations, or participating private landowners for the purpose of protecting natural resources of units of the National Park System through collaborative efforts on land inside and outside of National Park System units (16 U.S.C. § 1j); and with any State or local government, public or private agency, organization, institution, corporation, individual, or other entity for the purpose of sharing costs or services in carrying out authorized functions and responsibilities of the Secretary of the Interior with respect to any unit or program of the National Park System (per 16 U.S.C. § 1c(a)), any affiliated area, or any

- designated National Scenic or Historic Trail (16 U.S.C. § 1f). NPS is also authorized to provide conservation, recreation, and disaster assistance to partners to help them achieve goals of mutual interest (16 U.S.C. § 460l(1), 16 U.S.C. § 1723(c)). In accordance with the aforementioned authorities, the NPS is authorized to enter into this Agreement to continue the North Atlantic Coast CESU to assist in providing research, technical assistance and education.
- E. The U.S. Fish and Wildlife Service (hereinafter called USFWS), working with others, is responsible for conserving, protecting, and enhancing fish, wildlife, plants and their habitats for the continuing benefit of the American people through federal programs related to migratory birds, endangered species, interjurisdictional fish and marine mammals, inland sport fisheries, and the National Wildlife Refuge System. In accordance with 16 U.S.C. § 661, 16 U.S.C. § 742(f), and 16 U.S.C. § 753(a), the USFWS is authorized to cooperate with other agencies to assist in providing research, technical assistance, and education; and is thereby authorized to enter into this cooperative agreement to continue the North Atlantic Coast CESU.
- F. The Bureau of Ocean Energy Management (hereinafter called BOEM) oversees the exploration and development of oil, natural gas and other minerals and renewable energy alternatives on the Nation's outer continental shelf. BOEM continues to look for better ways to serve the American people and to ensure that the Nation receives the best value for its resources now and into the future. The program not only supports decisions made within the Department of the Interior, but also provides other Federal regulators, and the coastal states, and local governments with the information necessary to ensure that all stages of offshore energy and mineral activities are conducted in a manner to protect both the human and natural environments. Outer Continental Shelf Lands Act (OCSLA) (43 U.S.C. §§ 1331-1356) Section 1346 mandates the conduct of environmental and socioeconomic studies needed for the assessment and management of environmental impacts on the human, marine, and coastal environments which may be affected by oil and gas. renewable energy or mineral development. OCSLA Section 1345 authorizes the use of cooperative agreements with affected States to meet the requirements of OCSLA, including sharing of information, joint utilization of available expertise, formation of joint monitoring arrangements to carry out applicable Federal and State laws, regulations, and stipulations relevant to outer continental shelf operations both onshore and offshore. BOEM can enter into cooperative agreements with State offices, and public colleges and universities within the affected states; and is thereby authorized to enter into this cooperative agreement to continue the North Atlantic Coast CESU to assist in providing research, technical assistance and education.
- G. The Natural Resources Conservation Service (hereinafter called NRCS) improves the health of our Nation's natural resources while sustaining and enhancing the productivity of American agriculture (16 U.S.C. §§ 590(a)-(f)). We achieve this by providing voluntary assistance through strong partnerships with private landowners, managers, and communities to protect, restore, and enhance the lands and waters upon which people and the environment depend. NRCS scientists and technical

specialists identify appropriate technologies in research, development, and transfer them to field staff for recommending the technologies to America's farmers and ranchers. Under Section 714 of Pub. L. 106-387, 7 U.S.C. § 6962(a), NRCS is authorized to enter into this cooperative agreement to continue the North Atlantic Coast CESU to assist in providing research, studies, technical assistance, and educational services consistent with the mission of the NRCS and the CESU Network.

- H. The U.S. Army Corps of Engineers' Civil Works Program (hereinafter called USACE) provides assistance in the development and management of the nation's water resources. The main missions of USACE, i.e., the Corps, are 1) to facilitate commercial navigation, 2) to protect citizens and their property from flood and storm damages, and 3) to protect and restore environmental resources. The Corps carries out most of its work in partnership with Tribal, state, and local governments and other nonfederal entities. The Corps must rely upon using the best available science in the evaluation of water resources needs and in the development of recommendations for water resources management. The university and scientific institutions that comprise the CESU Network have knowledge and expertise of the latest scientific advances that will assist the Corps in reaching sound, scientifically based decisions. In addition, by participating in the CESU, scientists within the Corps will have access to university resources within the CESU Network and be able to interact with colleagues in various scientific disciplines, and thereby further their own professional development. Corps field offices may avail themselves of support from the regional CESUs by collaborating with the Engineer Research and Development Center, who has the authority to enter into cooperative agreements with such CESUs, thus enabling these Corps offices to receive scientific support from regional CESU members. USACE is authorized to cooperate with other agencies in accordance with Title 33 U.S.C. § 2323(a) and 10 U.S.C. § 3036(d). Additionally, USACE may enter into transactions under the authority of 10 U.S.C. § 2371 in carrying out basic, applied, and advanced research projects. In accordance with 10 U.S.C. § 2358, USACE is authorized to enter into this cooperative agreement continuing the North Atlantic Coast CESU, under Agreement number #W912HZ-08-2-0007 for a cumulative amount not-to-exceed \$25,000,000.00.
- I. The U.S. Department of Defense Office of the Deputy Under Secretary of Defense (Installations and Environment) (hereinafter called DOD) manages nearly 30 million acres of land, and the natural and cultural resources found there, and for this Agreement includes the Office of the Secretary of Defense, the Military Services, the Defense Logistics Agency, the National Guard Bureaus, and the Military Reserve Components. DOD's primary mission is national defense. DOD's conservation program supports this mission by ensuring realistic training areas, and managing its resources in ways that maximize available land, air, and water training opportunities. DOD environmental stewardship activities are authorized under the Sikes Act, as amended. In accordance with one or more of the following: 16 U.S.C. § 670(c)(1), 10 U.S.C. § 2358, 10 U.S.C. § 2694, 10 U.S.C. § 2684, and Pub. L. 103-139 (FY 94 NDAA, page 107 Stat. 1422), DOD is authorized to enter into cooperative

- agreements with States, nonprofit organizations, academic institutions, and other partners to support research, technical assistance, and educational services consistent with the mission of the DOD and the CESU Network. In accordance with the aforementioned authorities, the DOD is authorized to enter into this Agreement to continue the North Atlantic Coast CESU.
- J. The mission of the National Oceanic and Atmospheric Administration (NOAA) is to understand and predict changes in the Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs. NOAA's authorities to participate in and conduct activities through the Cooperative Ecosystem Studies Units Network include a number of statutes. Under the Coast and Geodetic Survey Act, 33 U.S.C. § 883a et seq., NOAA has the authority to conduct investigations and research in geophysical sciences (including geodesy, oceanography, seismology, and geomagnetism), and to enter into cooperative agreements for those purposes. Under the National Climate Program Act, 15 U.S.C. § 2901 et seq., NOAA is authorized to lead a program to research climate processes and their impacts, and develop tools and disseminate climate information, and to enter into agreements for climate-related activities. The Integrated Coastal and Ocean Observation System Act, 33 U.S.C. § 3601 et seq. authorizes NOAA to establish a national integrated system of ocean, coastal, and Great Lakes observing systems, including data management and dissemination, and to make grants and execute agreements to carry out interagency activities under the Act. The Fish and Wildlife Coordination Act, 16 U.S.C. § 661 et seq. allows NOAA to make surveys and investigations of the wildlife of the public domain, and to assist and cooperate with public or private agencies and organizations for purposes of the Act, including conservation of wildlife and wildlife habitat. Finally, the National Marine Sanctuaries Act, 16 U.S.C. § 1431 et seg. authorizes NOAA to designate and protect areas of the marine environment with special national significance, and to enter into agreements with agencies and other persons to carry out the purposes of the Act, including support and coordination of scientific research and long-term monitoring of marine sanctuaries.
- K. The University of Rhode Island (hereinafter called Host University) is one of the nation's premier academic institutions for the study of coastal ecosystems and associated watersheds. There are more than 200 faculty and 40 departments and programs that work in the field of marine, coastal, and environmental research, teaching, or service. The University of Rhode Island hosts a mixture of University programs, federal cooperative partnerships, and major federal laboratories that contribute to a diverse and enriched community all focused on coastal zone ecosystems.
- L. The partner institutions to the Host University include The Research Foundation of SUNY for Stony Brook University, Rutgers University, University of Maryland Eastern Shore, University of Massachusetts Amherst, Maryland Coastal Bays Program, The University of Maine, City University of New York, College of the Atlantic, The Research Foundation of State University of New York for SUNY

College of Environmental Science and Forestry, Columbia University in the City of New York, University of Massachusetts – Boston, Bates College, Center for Coastal Studies, Cornell University, Northeastern University, Biodiversity Research Institute, Marine Biological Laboratory (MBL), University of New England, Schoodic Education and Research Center Institute, Harvard University, Manhattan College, and University of Connecticut (hereinafter called Partner Institutions).

ARTICLE II. STATEMENT OF WORK

- A. Each Federal Agency agrees to:
 - 1. Provide administrative assistance, as appropriate, necessary to execute this Agreement and subsequent modifications;
 - Conduct, with the Host University and Partner Institutions, a program of research, technical assistance and education related to the North Atlantic Coast CESU objectives to the extent allowed by each Federal Agencies' authorizing legislation;
 - 3. Provide opportunities for research on federal lands or using federal facilities in cooperation with Federal Agencies, as appropriate, and according to all applicable laws, regulations and Federal Agencies' policies;
 - 4. Provide funds for basic support and salary for participating Host University and Partner Institution faculty, as appropriate;
 - 5. Provide project funds and/or collaboration to support specific research, technical assistance and education projects, as appropriate;
 - 6. Make available managers to serve on the North Atlantic Coast CESU Manager's Committee;
 - 7. Comply with the Host University's and Partner Institutions' rules, regulations, and policies regarding professional conduct, health, safety, use of services and facilities, use of animals, recombinant DNA, infectious agents or radioactive substances, as well as other policies generally applied to Host University and Partner Institution personnel;
 - 8. Ensure its employees follow the Code of Ethics for Government Service (Pub. L. 96-303) and Standards of Ethical Conduct (5 C.F.R. Part 2635);
 - Allow Federal Agency employees to participate in the activities of the Host University and Partner Institutions, including serving on graduate committees and teaching courses, as appropriate, and as specifically determined in modifications to the Agreement; and
 - 10. Be individually responsible for their agency's role in administering the Agreement, transferring funds, and supervision of agency employees, as appropriate.
- B. The Host University agrees to:
 - 1. Continue, in consultation with the Federal Agencies and Partner Institutions, the North Atlantic Coast CESU;

- 2. Conduct, with participating Federal Agencies and Partner Institutions, a program of research, technical assistance and education related to the North Atlantic Coast CESU objectives;
- 3. Allow and encourage faculty to engage in participating Federal Agencies' research, technical assistance and education activities related to the North Atlantic Coast CESU objectives, as appropriate;
- 4. Provide basic administrative and clerical support, as appropriate;
- 5. Provide access for North Atlantic Coast CESU Federal Agency staff to campus facilities, including library, laboratories, computer facilities on the same basis or costs as other faculty members of the Host University to the maximum extent allowable under state laws and regulations;
- 6. Provide suitable office space, furniture and laboratory space, utilities, computer network access and basic telephone service for North Atlantic Coast CESU Federal Agency staff to be located at the Host University, as appropriate;
- 7. Offer educational and training opportunities to participating Federal Agency employees, in accordance with the respective policies of the Federal Agencies and the Host University;
- 8. Encourage its students to participate in the activities of the North Atlantic Coast CESU;
- 9. Coordinate activities, as appropriate, with the Partner Institutions and develop administrative policies for such coordination; and
- 10. Maintain a North Atlantic Coast CESU Manager's Committee and convene a meeting of this committee, at least annually, to provide advice and guidance, review of the annual work and multi-year strategic plans, and assist in evaluating the North Atlantic Coast CESU.
- C. Each Partner Institution agrees to:
 - Conduct, with participating Federal Agencies and the Host University, a
 program of research, technical assistance, and education related to the North
 Atlantic Coast CESU objectives and allow and encourage faculty to
 participate in the program, as appropriate;
 - 2. Offer educational and training opportunities to participating Federal Agency employees, as appropriate; and
 - 3. Encourage students and employees to participate in the activities of the North Atlantic Coast CESU.
- D. All Federal Agencies, the Host University and Partner Institutions agree to:
 - 1. Maintain the North Atlantic Coast CESU closely following the mission and goals of the CESU Network as described in the CESU Network Strategic Plan, adapting key elements to local and regional needs, as appropriate;
 - 2. Maintain a North Atlantic Coast CESU role and mission statement;
 - 3. Operate under a multi-year strategic plan;
 - 4. Issue individual funding documents, in accordance with each agency's procedures, to this Agreement that individually include a specific "scope of work" statement and a brief explanation of the following:

- (a) the proposed work;
- (b) the project contribution to the objectives of the CESU;
- (c) the methodology of the project;
- (d) the substantial involvement of each party;
- (e) the project budget and schedule;
- (f) the specific project outputs or products.

Note: For FWS, and other agencies, as appropriate, this Agreement is neither a fiscal nor a funds obligation document. Any endeavor to transfer anything of value involving reimbursement or contribution of funds between the parties to this Agreement will be handled in accordance with applicable laws, regulations, and procedures including those for government procurement and printing. Such endeavors will be outlined in separate task agreements that shall be made in writing by representatives of the parties and shall be independently authorized by appropriate statutory authority. This Agreement does not provide such authority. Specifically, this Agreement does not establish authority for noncompetitive award to the cooperator of any contract or other agreement.

- 5. Coordinate in obtaining all necessary state, federal, and tribal permits and/or permissions from private landowners in order to conduct projects occurring under this Agreement;
- Engage in collaborative activities consistent with federal scientific and scholarly integrity directives and policies (e.g., Presidential and OSTP Scientific Integrity Memoranda; DOD Instruction 3200.20; DOI 305 DM 3; USDA DR 1074-001), NOAA AO 202-735D, as appropriate;
- 7. Follow OMB Circulars: A-21, "Cost Principles for Educational Institutions," as codified at 2 CFR 220: A-87, "Cost Principles for State, Local, and Indian Tribal Governments;" as codified at 2 CFR Part 225; A-102, "Grants and Cooperative Agreements with State and Local Governments:" 2 CFR Part 215, "Uniform Administrative Requirements for Grants and Other Agreements with Institutions of Higher Education, Hospitals and Other Non-Profit Organizations;" A-122, "Cost Principles for Non-Profit Organizations;" as codified at 2 CFR Part 230; A-133, "Audits of States, Local Governments and Non-Profit Organizations;" as appropriate; and the related federal agency regulations, as applicable, specifically 43 CFR Part 12 (Department of the Interior), and 7 CFR Parts 3015- 3052 (Department of Agriculture), 22 CFR Part 518 (Department of Defense), 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense), 10 USC 2358, 33 USC 2323a, 10 USC 3036(d), and DoD 3210.6-R. Department of Defense Grant and Agreement Regulations (Department of Defense); and these documents are incorporated into this Agreement by reference.

ARTICLE III. TERM OF AGREEMENT

A. This Agreement shall continue for a period of five (5) years from the effective date of execution. The effective date of this Agreement shall be 19 June 2014. Parties will

have until 19 June 2014 to sign this Agreement and thereby express their intent to continue participation in the North Atlantic Coast CESU; parties that do not sign this Agreement by 19 June 2014 will not be participants in the North Atlantic Coast CESU; such parties will remain in "inactive" status and ineligible to process projects under this Agreement until their official signature page has been received.

- B. By mutual consent and at the end of this Agreement, a new Agreement, for a separate and distinct five (5) year period, can be entered into to continue the activities of the North Atlantic Coast CESU.
- C. Amendments to this Agreement shall be made according to the following provisions:
 - For the purposes of this Agreement, amendments are changes (edits, deletions, or additions) to the Agreement that do not involve the transfer of funds. Amendments may be proposed by any of the Federal Agencies, the Host University or by the Host University on behalf of any of the Partner Institutions. Amendments shall be in writing, signed and agreed to by all signatories to this Agreement, except in cases described in Article III.C.2. (below).
 - 2. For amendments whose sole purpose is to add a Partner Institution and/or Federal Agency to this Agreement, each Partner Institution and Federal Agency currently participating in this Agreement will have forty-five (45) days from receipt of the amendment to either sign the amendment or object in writing to the Host University. 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. The Partner Institution and/or Federal Agency being added to the Agreement and the Host University shall sign the amendment.
- D. For the purposes of this Agreement, modifications or task agreements are specific two-party Agreements between one of the Federal Agencies and the Host University and/or a Partner Institution in support of the goals of this broad Agreement. Modifications or task agreements will be issued by a Federal Agency, will transfer funds to support the statement of work, and will conform to each Federal Agency's respective procedures.
- E. A separate Interagency Agreement is required to facilitate transfer of funds from one federal agency to another federal agency.
- F. The expiration of this Agreement will not affect the validity or duration of projects which have been initiated under this Agreement prior to such expiration.

ARTICLE IV. KEY OFFICIALS

A. The technical representative for Narragansett Indian Tribal Historic Preservation Office (NITHPO) is:

Deputy Tribal Historic Preservation Officer/Preservationist for Ceremonial Landscapes 4425-D South County Trail Charlestown, RI 02813

Phone: (401) 474-5907 dhnithpo@gmail.com

Doug Harris

B. The technical representatives for the Federal Agencies are as follows:

1. U.S. Geological Survey

Howard Ginsberg Ecologist, USGS Patuxent Wildlife Research Center USGS Patuxent Wildlife Research Center Coastal Field Unit Woodward Hall PLS Kingston, RI 02881 Phone: (401) 874-4537 hginsberg@usgs.gov

2. National Park Service

Charles Roman Research Coordinator and Coastal Ecologist **NPS Northeast Region** University of Rhode Island South Ferry Road Narragansett, RI 02882 Phone: (401) 874-6886

Fax: (401) 874-6887 charles_roman@nps.gov

3. U.S. Fish and Wildlife Service

Susan C. Adamowicz Biologist, Region 5 Rachel Carson National Wildlife Refuge 321 Port Road Wells, ME 04090 Phone: (207) 646-9226 x 31

Fax: (207) 646-1888

susan adamowicz@fws.gov

Ward Feurt

Refuge Manager Rachel Carson National Wildlife Refuge 321 Port Road Wells, ME 04090 Phone: (207) 646-9226

Fax: (207) 646-1888 ward_feurt@fws.gov

4. Bureau or Ocean Energy Management

Mary C. Boatman, Ph.D.
Environmental Studies Chief
U.S. Department of the Interior
Bureau of Ocean Energy Management
Office of Renewable Energy Programs
Environment Review Branch for Renewable Energy
381 Elden Street, HM 1328
Herndon, VA 20170
Phone: (703) 787-1662

Fax: (703) 787-1708 mary.boatman@boem.gov

Jennifer Ewald
Physical Oceanographer
Bureau of Ocean Energy Management
Division of Environmental Sciences
Environmental Studies Program
381 Elden Street, Mail Stop 4041
Herndon, VA 20170

Phone: (703) 787-1608 Fax: (703) 787-1053

Jennifer.Ewald@boem.gov

5. Natural Resources Conservation Service

Doris Washington
U.S. Department of Agriculture
CESU/COE Coordinator
USDA-NRCS-NWMC
101 East Capitol Avenue, Suite B-100
Washington, DC 20003
Phone: (501) 210-8910
doris.washington@ar.urda.gov

Noller Herbert National Technology Support Coordinator (acting) Science and Technology Deputy Area **USDA Natural Resources Conservation Service** 1400 Independence Avenue SW P.O. Box 2890 / Room 6227-S Washington, DC 20013 Phone: (202) 720-2520

noller.herbert@wdc.usda.gov

U.S. Army Corps of Engineers-Civil Works 6.

Dr. Alfred F. Cofrancesco, Jr. Technical Director, Environmental Engineering & Science U.S. Army Engineering Research and Development Center 3909 Halls Ferry Road Vicksburg, MS 39180-6199 Phone: (601) 634-3182

Al.F.Cofrancesco@usace.army.mil

7. Department of Defense, Office of the Deputy Under Secretary for Defense (Installations and Environment)

L. Peter Boice Deputy Director, Natural Resources OCUSD (I&E) U.S. Department of Defense 4800 Mark Center Drive Suite 16G14 Alexandria, VA 22350 Phone: (571) 372-6905 peter.boice@osd.mil

Dr. Jack Mobley **Environmental Resources Planner USACE.** Fort Worth District **CESWF-PER-EE** 819 Taylor Street, Room 3A14 Fort Worth, TX 76102-0300 Phone: (817) 886-1708 jack.e.mobley@usace.army.mil

8. National Oceanic and Atmospheric Administration

Bill Karp Science & Research Director NOAA Northeast Fisheries Science Center 166 Water Street

Woods Hole, MA 02543-1026

Phone: (508) 495-2000 Bill.Karp@noaa.gov

Russell Brown

Deputy Science & Research Director

NOAA Northeast Fisheries Science Center

166 Water Street

Woods Hole, MA 02543-1026

Phone: (508) 495-2233 Fax: (508) 495-2258 russell.brown@noaa.gov

C. The technical representative for the Host University, <u>University of Rhode Island</u>, is:

Judith Swift

Director, Coastal Institute

124 Coastal Institute

URI Bay Campus

Narragansett, RI 02882

Phone: (401) 874-6513

Fax: (401) 874-6869

jswift@uri.edu

D. The technical representatives for the Partner Institutions are:

1. The Research Foundation for Stony Brook University

R. Lawrence Swanson

Associate Dean

School of Marine and Atmospheric Sciences

Stony Brook University

Stony Brook, NY 11794-5000

Phone: (631) 632-8704 Fax: (631) 632-8064

Iswanson@notes.cc.sunysb.edu

2. Rutgers University

Norbert P. Psuty

Director

Sandy Hook Cooperative Research Program

Institute of Marine and Coastal Sciences

Rutgers University

74 Magruder Road, Unit 3

Highlands, NJ 07732-4054 Phone: (732) 708-1462 psuty@marine.rutgers.edu

Michael DeLuca
Senior Associate Director
Institute of Marine and Coastal Sciences
Rutgers University
71 Dudley Road
New Brunswick, NJ 08901
Phone: (732) 932-6555 x512
deluca@marine.rutgers.edu

3. University of Maryland Eastern Shore

Joseph Pitula
Associate Professor
Department of Natural Sciences
University of Maryland Eastern Shore
3107 Carver Hall
Princess Anne, MD 21853
Phone: (410) 651-6666
jspitula@umes.edu

4. <u>University of Massachusetts – Amherst</u>

Eric Johnson
Director
UMASS Archaeological Services
Department of Anthropology
University of Massachusetts
240 Hicks Way, Machmer Hall
Amherst, MA 01003-9280
Phone: (413) 545-0916
Fax: (413) 577-1458
ericjohnson@anthro.umass.edu

5. Maryland Coastal Bays Program

Roman Jesien Science Coordinator Maryland Coastal Bays Program 9606 Stephen Decatur Highway Berlin, MD 21811

Phone: (410) 213-2297 Fax: (410) 213-2574

rjesien@mdcoastalbays.org

6. <u>University of Maine</u>

Ivan J. Fernandez
Professor of Soil Science
School of Forest Resources and Climate Change Institute
The University of Maine
5722 Deer Hall, Room 1
Orono, ME 04469-5722
Phone: (207) 581-2932
Fax: (207) 581-2999
ivanif@maine.edu

7. <u>City University of New York</u>

John Waldman
Professor
Queens College
Biology Department
65-30 Kissena Boulevard
Flushing, NY 11367
Phone: (718) 997-3603
Fax: (718) 997-3445

john.waldman@qc.cuny.edu

8. College of the Atlantic

John Anderson Associate Dean for Advanced Studies College of the Atlantic 105 Eden Street Bar Harbor, ME 04609 Phone: (207) 288-2944 x269

Fax: (207) 288-3780

iga@coa.edu

9. The Research Foundation of State University of New York for SUNY College of Environmental Science and Forestry

Neil H. Ringler
Vice Provost of Research
State University of New York
SUNY – College of Environmental Science and Forestry
1 Forest Drive, 200 Bray Hall
Syracuse, NY 13210

Phone: (315) 470-6606 Fax: (315) 470-6779 neilringler@esf.edu

John Auwaerter
Research Scientist
Department of Landscape Architecture
SUNY – College of Environmental Science and Forestry
1 Forest Drive, 405 Marshall Hall
Syracuse, NY 13210
Phone: (315) 470-6504
jeauwaer@esf.edu

10. Columbia University in the City of New York

Steven Cohen
Executive Director, The Earth Institute
Columbia University
2910 Broadway, Office A104
New York, NY 10025
Phone: (212) 854-4445
Fax: (212) 864-4847

sc32@columbia.edu

Rita Ricobelli Senior Staff Associate, The Earth Institute Columbia University 2910 Broadway, Office A104 New York, NY 10025 Phone: (212) 854-4445 Fax: (212) 864-4847 rricobelli@ei.columbia.edu

Katherine McFadden
Asst Professor
Dept. of Ecology, Evolution, and Environmental Biology
Columbia University
2910 Broadway, Office A104
New York, NY 10025
Phone: (212) 854-4445
Fax: (212) 864-4847
kwm6@columbia.edu

11. <u>University of Massachusetts – Boston</u>

Jack Wiggin

Director Urban Harbors Institute University of Massachusetts at Boston 100 Morrissey Boulevard Boston, MA 02125-3393 Phone: (617) 287-5570 Fax: (617) 287-5575

jack.wiggin@umb.edu

Amy Den Ouden
Associate Professor
Department of Anthropology
University of Massachusetts at Boston
100 Morrissey Boulevard
Boston, MA 02125-3393
Phone: (617) 287-6852
amy.denouden@umb.edu

12. Bates College

Holly Ewing
Associate Professor of Environmental Studies
Bates College
111 Bardwell Street
Lewiston, ME 04240
Phone: (207) 786-8315
hewing@bates.edu

13. Center for Coastal Studies

Richard Delaney
President
Center for Coastal Studies
115 Bradford St.
Provincetown, MA 02657
Phone: (508) 487-3622 x111
Fax: (508) 487-4495
Delaney@coastalstudies.org

Mark Borrelli Coastal Geologist Center for Coastal Studies 115 Bradford St. Provincetown, MA 02657 Phone: (508) 487-3623 x123

Fax: (508) 487-4495

mborrelli@coastalstudies.org

14. Cornell University

Stephen D. DeGloria Director, Institute for Resource Information Studies Bradfield Hall, Room 1014 Cornell University Ithaca, NY 14853 Phone: (607) 227-5825

Fax: (607) 255-4662 sdd4@cornell.edu

15. Northeastern University

Geoffrey C. Trussell Director, Marine Science Center Northeastern University Marine Science Center 430 Nahant Road Nahant, MA 01908 Phone: (781) 581-7370 Ext. 300

Fax: (781) 000-0000 g.trussell@neu.edu

16. Biodiversity Research Institute

David Evers Chief Scientist Biodiversity Research Institute 652 Main Street Gorham, ME 04038 Phone: (207) 839-7600 ext. 221 david.evers@briloon.org

17. Marine Biological Laboratory (MBL)

Jim Tang **Assistant Scientist** The Ecosystems Center Marine Biological Laboratory 7 MBL Street Woods Hole, MA 02543 Phone: (508) 289-7162 Fax: (508) 457-1548

jtang@mbl.edu

18. University of New England

Barry A. Costa-Pierce, Ph.D. FAAAS
Henry L. and Grace Doherty Chair of Marine Sciences
Director, Marine Science Education and Research Center
University of New England
11 Hills Beach Road
Biddeford, ME 04005
Phone: (207) 602-2440
bcostapierce@une.edu

19. Schoodic Education and Research Center Institute

Mark Berry
President/CEO
Schoodic Institute at Acadia National Park
PO Box 277
Winter Harbor, ME 04693
Phone: (207) 288-1349
Fax: (207) 963-2409

mberry@schoodicinstitute.org

20. Harvard University

Brian Farrell
Professor and Curator of Entomology
Museum of Comparative Zoology
Harvard University
26 Oxford Street
Cambridge, MA 02138
Phone: (617) 495-8571
farrellb@oeb.harvard.edu

21. Manhattan College

Kerryanne Donohue
Civil and Environmental Engineering Department
Manhattan College Leo Engineering Building Room 309
4513 Manhattan College Parkway
Riverdale, NY 10471
Phone: (718) 862-7171
kerryanne.donohue@manhattan.edu

Kirk Barrett
Civil and Environmental Engineering Department

Manhattan College Leo Engineering Building Room 309 4513 Manhattan College Parkway

Riverdale, NY 10471 Phone: (718) 862-7517 kirk.barrett@manhattan.edu

22. University of Connecticut

John Volin
Professor and Head
Natural Resources and the Environment
1376 Storrs Road, Unit 4087
University of Connecticut
Storrs, CT 06269-4087
Phone: (860) 486-2840
john.volin@uconn.edu

Glenn Warner
Associate Professor
Department of Natural Resources and the Environment
The University of Connecticut
1376 Storrs Road, Unit 4087
Storrs, CT 06269-4087
Phone: (860) 486-0140
glenn.warner@uconn.edu

Michael R. Willig Professor, Department of Ecology & Evolutionary Biology & Director, Center for Environmental Sciences & Engineering University of Connecticut Storrs, CT 06269-5210 Phone: (860) 486-1455 michael.willig@uconn.edu

ARTICLE V. AWARD

- A. Upon signature of all parties and upon satisfactory submission of a budget and related documentation from the Host University, any newly joining Federal Agency partner shall obligate \$10,000 to award to the Host University to carry out this Agreement. For the Federal Agency partners listed under Article I. A., no further financial obligation is required.
- B. Payments will be made by the Federal Agencies for work in accordance with 2 CFR Part 215 and OMB Circular A-21, A-87, A-102, A-122, A-133, as appropriate, and the related federal agency regulations, as applicable, specifically, 43 CFR Part 12

(Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), 22 CFR Part 518 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323(a), 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (U.S. Army Corps of Engineers-Civil Works).

- C. A 17.5% indirect cost rate will be paid on work covered by the Agreement and all its modifications or task agreements, with exceptions listed in Article V. paragraphs C.1., C.2., and C.3. (below).
 - 1. One exception is that for NRCS, the indirect cost rate is limited to 10% of total direct costs for colleges, universities, and other nonprofit organizations pursuant to Section 708 of Pub. L. 107-76.
 - 2. No indirect cost will be charged by the Host University for funds transferred directly from a participating Federal Agency to a Partner Institution via a modification to the Agreement.
- D. Award of additional funds or in-kind resources will be made through modifications to the Agreement subject to the rules, regulations, and policies of the individual Federal Agency proposing the modification.
- E. Nothing herein shall be construed as obligating the Federal Agencies to expend, or as involving the Federal Agencies in any contract or other obligation for the future payment of money, in excess of appropriations authorized by law and administratively allocated for specific work.

ARTICLE VI. PRIOR APPROVAL

Prior approvals are in accordance with 2 CFR Part 215 and OMB Circular A-102, as appropriate, and the related federal agency regulations, as applicable, specifically 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), 22 CFR Part 518 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323(a), 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (U.S. Army Corps of Engineers-Civil Works).

ARTICLE VII. REPORTS AND/OR DELIVERABLES

A. Reports in accordance with 2 CFR Part 215 and OMB Circular A-102, as appropriate, and the related federal agency regulations, as applicable, specifically 43 CFR Part 12 (Department of the Interior) and 7 CFR Parts 3015-3052 (Department of Agriculture), 22 CFR Part 518 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323(a), 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (U.S. Army Corps of Engineers-Civil Works) establish uniform reporting procedures for financial and technical reporting.

- B. As appropriate, the Host University will convene periodic meetings of North Atlantic Coast CESU Federal Agencies and Partner Institutions for the purpose of collaboration and coordination of CESU activities. Copies of the meeting minutes will be available to all parties to the Agreement.
- C. A current role and mission statement for the North Atlantic Coast CESU will be agreed to and maintained by all North Atlantic Coast CESU cooperators. Copies of the role and mission statement will be available to all parties to the Agreement.
- D. Annual work plans will be developed to guide the specific activities of the North Atlantic Coast CESU and will:
 - 1. Describe the North Atlantic Coast CESU's ongoing and proposed research, technical assistance, and education activities;
 - 2. Describe anticipated projects and products; and
 - 3. Identify faculty, staff, and students involved in the North Atlantic Coast CESU during the year.

Copies of the annual work plan will be available to all parties to the Agreement.

E. A current multi-year strategic plan will be maintained to generally guide the North Atlantic Coast CESU. Copies of the strategic plan will be available to all parties to the Agreement.

ARTICLE VIII. PROPERTY UTILIZATION AND DISPOSITION

Property utilization and disposition is in accordance with 2 CFR Part 215 and OMB Circular A-102, as appropriate, and the related federal agency regulations, as applicable, specifically 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), 22 CFR Part 518 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323(a), 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (U.S. Army Corps of Engineers-Civil Works).

ARTICLE IX. TERMINATION

Termination of this Agreement is in accordance with 2 CFR Part 215 and OMB Circular A-102, as appropriate, and the related federal agency regulations, as applicable, specifically 43 CFR Part 12 (Department of the Interior), 7 CFR Parts 3015-3052 (Department of Agriculture), 22 CFR Part 518 (Department of Defense), 10 U.S.C. § 2358, 33 U.S.C. § 2323(a), 10 U.S.C. § 3036(d), and DOD 3210.6-R, Department of Defense Grant and Agreement Regulations (U.S. Army Corps of Engineers—Civil Works). Any party to this Agreement may terminate its participation

by delivery of thirty (30) days advance written notice to each of the Federal Agencies and the Host University.

ARTICLE X: REQUIRED/SPECIAL PROVISIONS

A. Required Provisions:

- 1. NON-DISCRIMINATION: All activities pursuant to this Agreement and the provisions of Executive Order 11246; shall be in compliance with applicable requirements of Title VI of the Civil Rights Act of 1964 (78 Stat. 252 42 USC § 2000d et seq.); Title V, Section 504 of the Rehabilitation Act of 1973 (87 Stat. 394; 29 U.S.C. § 794); the Age Discrimination Act of 1975 (89 Stat. 728; 42 U.S.C. § 6101 et seq.); and with all other applicable Federal laws and regulations prohibiting discrimination on grounds of race, color, national origin, handicap, religious or sex in providing of facilities and service to the public.
- CONSISTENCY WITH PUBLIC LAWS: Nothing herein contained shall be deemed to be inconsistent with or contrary to the purpose of or intent of any Act of Congress establishing, affecting, or relating to the Agreement.
- 3. APPROPRIATIONS (Anti-Deficiency Act, 31 U.S.C. § 1341): Nothing herein contained in this Agreement shall be construed as binding the Federal Agencies to expend in any one fiscal year any sum in excess of appropriations made by Congress, for the purposes of this Agreement for that fiscal year, or other obligation for the further expenditure of money in excess of such appropriations.
- 4. OFFICIALS NOT TO BENEFIT: No Member of, Delegate to, or Resident Commissioner in, Congress shall be admitted to any share or part of this Agreement or to any benefit to arise therefrom.
- 5. LOBBYING PROHIBITION: The parties will abide by the provisions of 18 U.S.C. § 1913 (Lobbying with Appropriated Moneys), which states:

No part of the money appropriated by any enactment of Congress shall, in the absence of express authorization by Congress, be used directly or indirectly to pay for any personal service, advertisement, telegram, telephone, letter, printed or written matter, or other device, intended or designed to influence in any manner a Member of Congress, a jurisdiction, or an official of any government, to favor, adopt, or oppose, by vote or otherwise, any legislation, law, ratification, policy or appropriation, whether before or after the introduction of any bill, measure, or resolution proposing such legislation, law, ratification, policy, or appropriation; but this shall not prevent officers or employees of the United States or of its departments or agencies from communicating to any such Member or official, at his request, or to Congress or such official, through the proper official channels, requests for any legislation, law, ratification, policy, or appropriations which they deem necessary for the efficient conduct of the

public business, or from making any communication whose prohibition by this section might, in the opinion of the Attorney General, violate the Constitution or interfere with the conduct of foreign policy, counterintelligence, intelligence, or national security activities.

6. LIABILITY PROVISION:

- a) Narragansett Indian Tribe and the Narragansett Indian Tribal Historic Preservation Office (NITHPO):
 - (1) Nothing in this agreement shall constitute a waiver of sovereign immunity of the Narragansett Indian Tribe.
 - (2) The Narragansett Indian Tribe's obligations under this agreement are subject to available appropriations.

b) Governmental Parties

- (1) The Federal Agencies (excluding the U.S. Forest Service), Host University, and Partner Institutions which are governmental parties, each accept responsibility for any property damage, injury, or death caused by the acts or omissions of their respective employees, acting within the scope of their employment, to the fullest extent permitted by their respective applicable laws, including laws concerning self-insurance.
- (2) To the extent work by governmental parties is to be performed through sub-contract by non-governmental entities or persons, the governmental party sub-contracting work will require that subcontracted entity or person to meet provisions (1), (2), and (3) for non-governmental parties stated below.
- (3) This provision is applicable to the U.S. Forest Service acting by and through the Forest Service, USDA does hereby recognize potential liability for payment of claims for injury or loss of property of personal injury or death caused by the Government, or any officer, agent or employee thereof, while acting within the scope of his/her office of employment under circumstances when the United States, if a private person, would be liable to the claimant in accordance with the law of the place where the act or omission occurred (28 U.S.C. §§1346 (b), 2672 et seq.).
- c) Non-governmental Parties: Work provided by non-governmental entities or persons, will require that entity or person to:
 - (1) Have public and employee liability insurance from a responsible company or companies with a minimum limitation of one million dollars (\$1,000,000) per person for any one claim, and an aggregate limitation of three million dollars (\$3,000,000) for any number of claims arising from any one incident. In subsequent modifications, the parties may negotiate different levels of liability coverage, as appropriate. The policies shall name the United States as an additional insured, shall specify that the insured shall have no right of subrogation against the United States for

payments of any premiums or deductibles due thereunder, and shall specify that the insurance shall be assumed by, be for the account of, and be at the insured's sole risk; and

- (2) Pay the United States the full value for all damages to the lands or other property of the United States caused by such person or organization, its representatives, or employees; and
- (3) Indemnify, save and hold harmless, and defend the United States against all fines, claims, damages, losses, judgments, and expenses arising out of, or from, any omission or activity of such person or organization, its representatives, or employees.
- (4) Non-governmental Partner Institutions shall provide the Federal Agencies confirmation of such insurance coverage, prior to beginning specific work authorized herein and specified in subsequent modifications.
- 7. TRAFFICKING IN PERSONS: This Agreement and its subsequent modifications and task agreements are subject to requirements of section 106(g) of the Trafficking Victims Protection Act of 2000, as amended (22 U.S.C. § 7104); now located at 2 CFR Part 175: Trafficking in Persons.
 - a) Provisions applicable to a recipient that is a private entity.
 - (1) You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not
 - i. Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
 - ii. Procure a commercial sex act during the period of time that the award is in effect; or
 - iii. Use forced labor in the performance of the award or subawards under the award.
 - (2) We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a subrecipient that is a private entity
 - i. Is determined to have violated a prohibition in paragraph (a) (1) of this award term; or
 - ii. Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph (a) (1) of this award term through conduct that is either
 - a. Associated with performance under this award; or
 - b. Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB

Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by each respective federal agency partner at: 2 CFR Part 1125 (Department of Defense), 2 CFR Part 1326 (Department of Commerce), 2 CFR 1400 (Department of the Interior), 2 CFR Part 1880 (NASA), 7 CFR Part 3017 (Department of Agriculture).

- b) Provision applicable to a recipient other than a private entity. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity—
 - (1) Is determined to have violated an applicable prohibition in paragraph (a) (1) of this award term; or
 - (2) Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph (a) (1) of this award term through conduct that is either
 - i. Associated with performance under this award; or
 - ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR Part 1125 (Department of Defense), 2 CFR Part 1326 (Department of Commerce), 2 CFR 1400 (Department of the Interior), 2 CFR Part 1880 (NASA), 7 CFR Part 3017 (Department of Agriculture).
- c) Provisions applicable to any recipient.
 - (1) You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph (a) (1) of this award term.
 - (2) Our right to terminate unilaterally that is described in paragraph (a) (2) or (b) of this section:
 - i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. § 7104(g)), and
 - ii. Is in addition to all other remedies for noncompliance that are available to us under this award.
 - (3) You must include the requirements of paragraph (a) (1) of this award term in any subaward you make to a private entity.
- d) Definitions. For purposes of this award term:

- (1) "Employee" means either:
 - i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or
 - ii. Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.
- (2) "Forced labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.
- (3) "Private entity" means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR 175.25. Includes:
 - A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).
 - ii. A for-profit organization.
- (4) <u>"Severe forms of trafficking in persons,"</u> "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. § 7102).
- 8. PROHIBITION ON TEXT MESSAGING AND USING ELECTRONIC EQUIPMENT SUPPLIED BY THE GOVERNMENT WHILE DRIVING (Included pursuant to Department of the Interior Guidance Release DIG-2010-04):

Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving, was signed by President Barack Obama on October 1, 2009 (http://edocket.access.gpo.gov/2009/pdf/E9-24203.pdf). This Executive Order introduces a Federal Government-wide prohibition on the use of text messaging while driving on official business or while using Government-supplied equipment. Additional guidance enforcing the ban will be issued at a later date. In the meantime, please adopt and enforce policies that immediately ban text messaging while driving company-owned or-rented vehicles, government-owned or leased vehicles, or while driving privately owned vehicles when on official government business or when performing any work for or on behalf of the government. The Government reserves the right to cancel this announcement and/or the solicitation. This announcement does not constitute solicitation.

B. <u>SPECIAL PROVISIONS:</u>

- 1. Joint publication of results is encouraged; however, no party will publish any results of joint effort without consulting the other. This is not to be construed as applying to popular publication of previously published technical matter. Publication may be joint or independent as may be agreed upon, always giving due credit to the cooperation of participating Federal Agencies, the Host University, and Partner Institutions, and recognizing within proper limits the rights of individuals doing the work. In the case of failure to agree as to the manner of publication or interpretation of results, either party may publish data after due notice (not to exceed 60 days) and submission of the proposed manuscripts to the other. In such instances, the party publishing the data will give due credit to the cooperation but assume full responsibility of any statements on which there is a difference of opinion. Federal agencies reserve the right to issue a disclaimer if such a disclaimer is determined to be appropriate.
- The results of any cooperative studies may be used in developing theses in partial fulfillment of requirements for advanced degrees and nothing herein shall delay publication of theses.
- 3. Individual modifications shall include specific plans for data management, sharing, and archiving, as appropriate.

ARTICLE XI: DOCUMENTS INCORPORATED BY REFERENCE

The following are to be incorporated into this Agreement:

- A. SF-LLL, Disclosure of Lobbying Activities or Grants.gov Lobbying Form certification, identified in the agencies Funding Opportunity Announcement.
- B. Specific project award documents will incorporate the required Standard Forms for Application for Financial Assistance:
 - 1. SF-424 Application for Financial Assistance
 - 2. SF-424a Budget for Non-Construction
 - 3. SF-424b Assurances for Non-Construction
 - 4. SF-424c Budget for Construction
 - 5. SF-424d Assurances for Construction

ARTICLE XII. ATTACHMENTS

A. The following documents are attached for use per agency requirements, as appropriate:

ATTACHMENT 1 – Request for Advance or Reimbursement, SF-270

ATTACHMENT 2 – Federal Financial Report, SF-425

ATTACHMENT 3 - ACH Payment Enrollment, SF-3881

ATTACHMENT 4 - Example Modification Template

ARTICLE XIII. AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this Agreement:

NARRAGANSETT INDIAN TRIBE

 A. Narragansett Indian Tribal Historic Preservation Office (NITHPO) on behalf of Narragansett Indian Tribe

U.S. DEPARTMENT OF THE INTERIOR

- B. U.S. Geological Survey
- C. National Park Service
- D. U.S. Fish and Wildlife Service
- E. Bureau of Ocean Energy Management

U.S. DEPARTMENT OF AGRICULTURE

F. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

- G. U.S. Army Corps of Engineers Civil Works
- H. Office of the Deputy Under Secretary of Defense (Installations and Environment)

U.S. DEPARTMENT OF COMMERCE

- I. National Oceanic and Atmospheric Administration
- J. UNIVERSITY OF RHODE ISLAND (HOST)
- K. The Research Foundation of SUNY for Stony Brook University
- L. Rutgers University
- M. University of Maryland Eastern Shore
- N. University of Massachusetts Amherst
- O. Maryland Coastal Bays Program
- P. The University of Maine
- Q. City University of New York
- R. College of the Atlantic
- S. The Research Foundation of State University of New York for SUNY College of Environmental Science and Forestry
- T. Columbia University in the City of New York
- U. University of Massachusetts Boston
- V. Bates College
- W. Center for Coastal Studies
- X. Cornell University

- Y. Northeastern University
- Z. Biodiversity Research Institute
- AA. Marine Biological Laboratory
- BB. University of New England
- CC. Schoodic Institute at Acadia National Park
- DD. Harvard University
- EE. Manhattan College
- FF. University of Connecticut

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

A. Narragansett Indian Tribal Historic Preservation Office (NITHPO) on behalf of Narragansett Indian Tribe

John B./Brown, III

Narragansett Tribal Medicine Man and Historic Preservation Officer

6-17-2014

Date

B. U.S. Geological Survey

Sherri Ly Bredesen Contracting Officer

North Atlantic Coast CESU Agreement 2014-2019

C. National Park Service

Jennifer & Flemming Northeast Region

Contracting and Agreements Officer

Ole 10 1204

D. U.S. Fish and Wildlife Service

Ward Feurt

Refuge Manager

JUNE 2, 2014

Date

E. Bureau of Ocean Energy Management

Rodney Cluck

Chief, Division of Environmental Sciences

North Atlantic Coast CESU Agreement 2014-2019

6/8/14 Date

F. Natural Resources Conservation Service

BAYLE N. BARRY

Deputy Chief for Management

G. 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: 2014.06.09 14:01:23 -05'00'

9 June 2014

Date

Deannda Sontag **Grants Officer**

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

ROBICHEAUX.TRACI.D.1260353 Digitally signed by ROBICHEAUX.TRACI.D.1260353990 990

DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990 Date: 2014.06.17 14:55:22 -05'00'

Traci Robicheaux

W9126G-14-2-0016

Date

Grants Officer Representing ODUSD (I&E)

I. National Oceanic and Atmospheric Administration

Richard Merrick

Director of Scientific Programs & Chief Science Advisor

National Oceanic and Atmospheric Administration CESU Lead

J. University of Rhode Island (Host)

Name:

James Petell, Ph.D. Associate Vice President Intellectual Property

Management & Commercialization

K. The Research Foundation of SUNY for Stony Brook University

Annette DePeitri

Contracts Administrator

WIDIY Date

L. Rutgers University

Casandra Burrows

Acting Assistant Director

Office of Research and Sponsored Programs

M. University of Maryland Eastern Shore

Dr. Juliette B. Bell President

N. University of Massachusetts - Amherst

Nancy E. Stewart Assistant Director Grant and Contract Administration

North Atlantic Coast CESU Agreement 2014-2019

O. Maryland Coastal Bays Program

Roman Jesien Science Coordinator

North Atlantic Coast CESU Agreement 2014-2019

P. The University of Maine

Arlene B. Russell

Institutional Administrative Official

6/2/14/ Date

Q. The City University of New York

Gillian M. Small

Vice Chancellor for Research

6/17/14

R. College of the Atlantic

Darron Collins

President

June 16,2014

S. The Research Foundation of State University of New York for SUNY College of Environmental Science and Forestry

Joseph Rufo

Campus Operations Manager

T. Columbia University in the City of New York

DO

*l*uliana Powell

Sponsored Projects Administration

LI, University of Massachusetts Boston

Winston Langley
Provpst and Vice Chancelloi for Academic Affairs

V. Bates College

Philip Walsh

Director, Office of External Grants

W. Provincetown Center for Coastal Studies

Richard Delaney

President & CEO

X. Cornell University

Digitally signed by Christine

M. Ashdown

DN: cn=Christine M.
Ashdown, o=Cornell
University, ou=Office of
Sponsored Programs,

email=cma20@cornell.edu

06/16/14

Date

Christine M. Ashdow 1 c=US

Senior Grant and Contract Office 14.06.16 20:32:14

Office of Sponsored Programa 90'

Y. Northeastern University

Stack-Ann Christian

Director

Research Administration and Finance

Z. Biodiversity Research Institute

David Evers

Executive Director

AA. Marine Biological Laboratory

Rebecca Lynn, CRA

Manager of Sponsored Programs

BB. University of New England

Nicholas D. Gere

Director of Research Administration

6-3-2014

CC. Schoodic Institute at Acadia National Park

Mark Berry President/CEO

DD. Harvard University

Webb Brightwell

Grants and Contracts Officer
Office for Sponsored Programs

June 18, 2014

For the avoidance of doubt, The President and Fellows of Harvard College's (Harvard) participation in the Cooperative Agreement is limited to projects directly related to the North Atlantic Coast Cooperative Ecosystem Studies Unit (CESU). As such, none of the foregoing precludes Harvard's participation in projects not directly related to the CESU and separately funded by those federal agencies participating in the CESU. Any agreement between the U.S. Government and Harvard must be signed by authorized organizational representatives.

EE. Manhattan College

Dominic Esposito

Director of Grants Administration

FF. University of Connecticut

Jeffrey R. Seemann Vice President for Research

			OME	3 APPROVAL	NO.		PAGE	OF •		
DECHEST FOR ADVANCE				0348-0004				PAGES		
REQUEST FOR ADVANCE OR REIMBURSEMENT (See instructions on back)					a. "X" one or both boxes		2. BASIS	S OF REQUEST		
			1.		☐ ADVANCE	REIMBURSE-				
				'E OF /MENT	b. "X" the applicable	MENT box	_ □ CASH			
				QUESTED	☐ FINAL ☐ PARTIAL		☐ ACCRUAL			
3. FEDERAL SPONSORING AGENCY AND ORGANIZATIONAL ELEMENT TO WHICH THIS REPORT IS SUBMITTED			ID	4. FEDERAL GRANT OR OTHER IDENTIFYING NUMBER ASSIGNED BY FEDERAL AGENCY				5. PARTIAL PAYMENT REQUEST NUMBER FOR THIS REQUEST		
6. EMPLOYER IDENTIFICATION	7 RECIPIENT'S	ACCOUNT NUMBER	8.		PERIOD COVE	RED BY THIS REQUE	ST			
NUMBER		RECIPIENT'S ACCOUNT NUMBER OR IDENTIFYING NUMBER		FROM (month, day, year)			TO (month, day, year)			
9. RECIPIENT ORGANIZATION			10.	PAYEE (Wh	ere check is to be s	ent if different than item	<u> </u> 9)			
Name:			Nai	me:						
Number and Street:				mber I Street:						
City, State and ZIP Code:				City, State and ZIP Code:						
11.	COMPUTATION	OF AMOUNT OF	FREIM	BURSEN	IENTS/ADVAN	CES REQUESTED)	-		
PROGRAMS/FUNCTIONS/ACTIVITIES (a)			(b)		(c)		TOTAL	-		
a. Total program outlays to date	(As of date)	\$		\$		\$		\$		
b. Less: Cumulative program c. Net program outlays (Line line b)										
d. Estimated net cash outlays for advance period										
e. Total (Sum of lines c & d)										
f. Non-Federal share of amo	unt on line e									
g. Federal share of amount of	on line e									
h. Federal payments previou	sly requested									
i. Federal share now request minus line h)	ted (Line g									
j. Advances required by month, when requested	1st month									
by Federal grantor agency for use in making	2nd month									
prescheduled advances	3rd month									
12.		ALTERNATE CO	MPUT	ATION F	OR ADVANCE	S ONLY				
a. Estimated Federal cash outlays that will be made during period covered by the advance						\$				
b. Less: Estimated balance	of Federal cash on	hand as of beginning o	of advan	ce period						
c. Amount requested (Line a minus line b)							\$			
AUTHORIZED FOR LOCAL	DEDDODUGTION	1	(Cambinu		\	CTANDARD FORM O	70 (D -	7.07)		

3. CERTIFICATION					
certify that to the best of my knowledge and belief the data on the reverse are correct and that all outlays	SIGNATURE OR AUTHORIZED CERTIFYING OFFICIAL	DATE REQUEST SUBMITTED			
were made in accordance with the grant conditions or other agreement and that payment is due and has not been previously requested.	TYPED OR PRINTED NAME AND TITLE	TELEPHONE (AREA CODE, NUMBER, EXTENSION)			

This space for agency use

Public reporting burden for this collection of information is estimated to average 60 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0004), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

INSTRUCTIONS

Please type or print legibly. Items 1, 3, 5, 9, 10, 11e, 11f, 11g, 11i, 12 and 13 are self-explanatory; specific instructions for other items are as follows:

ltem

Entry

- 2 Indicate whether request is prepared on cash or accrued expenditure basis. All requests for advances shall be prepared on a cash basis.
- 4 Enter the Federal grant number, or other identifying number assigned by the Federal sponsoring agency. If the advance or reimbursement is for more than one grant or other agreement, insert N/A; then, show the aggregate amounts. On a separate sheet, list each grant or agreement number and the Federal share of outlays made against the grant or agreement.
- 6 Enter the employer identification number assigned by the U.S. Internal Revenue Service, or the FICE (institution) code if requested by the Federal agency.
- 7 This space is reserved for an account number or other identifying number that may be assigned by the recipient.
- 8 Enter the month, day, and year for the beginning and ending of the period covered in this request. If the request is for an advance or for both an advance and reimbursement, show the period that the advance will cover. If the request is for reimbursement, show the period for which the reimbursement is requested.
- Note: The Federal sponsoring agencies have the option of requiring recipients to complete items 11 or 12, but not both. Item 12 should be used when only a minimum amount of information is needed to make an advance and outlay information contained in item 11 can be obtained in a timely manner from other reports.
 - 11 The purpose of the vertical columns (a), (b), and (c) is to provide space for separate cost breakdowns when a project has been planned and budgeted by program, function, or

Item Entry

activity. If additional columns are needed, use as many additional forms as needed and indicate page number in space provided in upper right; however, the summary totals of all programs, functions, or activities should be shown in the "total" column on the first page.

- 11a Enter in "as of date," the month, day, and year of the ending of the accounting period to which this amount applies. Enter program outlays to date (net of refunds.) rebates, and discounts), in the appropriate columns. For requests prepared on a cash basis, outlays are the sum of actual cash disbursements for goods and services. the amount of indirect expenses charged, the value of inkind contributions applied, and the amount of cash advances and payments made to subcontractors and subrecipients. For requests prepared on an accrued expenditure basis, outlays are the sum of the actual cash disbursements, the amount of indirect expenses incurred, and the net increase (or decrease) in the amounts owed by the recipient for goods and other property received and for services performed by employees, contracts, subgrantees and other payees.
- 11b Enter the cumulative cash income received to date, if requests are prepared on a cash basis. For requests prepared on an accrued expenditure basis, enter the cumulative income earned to date. Under either basis, enter only the amount applicable to program income that was required to be used for the project or program by the terms of the grant or other agreement.
- 11d Only when making requests for advance payments, enter the total estimated amount of cash outlays that will be made during the period covered by the advance.
 - 13 Complete the certification before submitting this request.

FEDERAL FINANCIAL REPORT

(Follow form instructions)

Federal Age	ncy and Organiz	zational Element		nt or Other Ide	entifying Number Assigned	d by Fede	ral Agency	Page		of
to Which Report is Submitted		(To report multiple grants, use FFR Attachment)			,		1			
·										
										pages
Recipient Or	rganization (Nan	ne and complete address inclu	ding Zip code)							
4a. DUNS Nun	nber	4b. EIN			er or Identifying Number	6.	Report Type	7. Basis of Ad	counting	
			(To report m	(To report multiple grants, use FFR Attachment)			Quarterly			
							Semi-Annual			
							Annual			
							Final	□ Cash □	∃ Accrı	ual
8. Project/Gran	nt Period		•			9. Repo	rting Period End Da		-	
From: (Mon	th, Day, Year)		To: (Month, Da	i l			Month, Day, Year)			
10. Transact	ions							Cumulative		
(Use lines a-c	for single or m	ultiple grant reporting)					- 1			
Federal Cash	(To report mu	Itiple grants, also use FFR A	ttachment):							
a. Cash Re	eceipts									
b. Cash Dis	sbursements									
c. Cash on	Hand (line a mir	nus b)								
(Use lines d-o	for single gran	nt reporting)								
Federal Expe	nditures and U	nobligated Balance:								
	deral funds auth									
	share of expend									
		dated obligations n of lines e and f)								
		ederal funds (line d minus g)								
Recipient Sh		odorai rando (inio a rimido g)								
i. Total red	pipient share req	uired								
j. Recipien	t share of exper	nditures								
k. Remainin	ng recipient shar	e to be provided (line i minus j)							
Program Inco							T			
	eral program inc									
m. Program income expended in accordance with the deduction alternative n. Program income expended in accordance with the addition alternative				·						
		come (line I minus line m or line								
o. onexpen	a. Type	b. Rate		Period To	d. Base	e Amoi	I ınt Charged	f. Federal Sha	re	
11. Indirect	и. Туро	D. Hato	C. T CHCG T TOTH	T OHOU TO	d. Bass	0. 741100	int Onlargoa	i. i odorar cha	10	
Expense										
				g. Totals:						
12. Remarks:	Attach any expl	anations deemed necessary or	r information requ	ired by Feder	al sponsoring agency in c	ompliance	with governing leg	gislation:		
12 Cortification	on. By cianing	this report, I certify to the b	oot of my knowl	odgo and ho	liof that the report is true	n comple	to and accurate	and the evnen	dituros	
	, , ,		•	•	•			•	,	nation
		receipts are for the purpose				ware mai	any laise, lictillo	us, or traudule	iit iiiiorii	iiation
		al, civil, or administrative pe	•	oue, Title 10,	Section 1001)					
a. Typed or Printed Name and Title of Authorized Certifying Official			c. Telephone (Area code, number and extension)							
d.				d. Email address						
b. Signature of Authorized Certifying Official						e. Date Report Submitted (Month, Day, Year)				
1						14. Agei	ncy use only:			

Standard Form 425ÆQ\^çā^åÅ 83 89€F€ OMB Approval Number: 0348-0061 Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0061), Washington, DC 20503.

ACH VENDOR/MISCELLANEOUS PAYMENT ENROLLMENT FORM

This form is used for Automated Clearing House (ACH) payments with an addendum record that contains payment-related information processed through the Vendor Express Program. Recipients of these payments should bring this information to the attention of their financial institution when presenting this form for completion. See reverse for additional instructions.

PRIVACY ACT STATEMENT

The following information is provided to comply with the Privacy Act of 1974 (P.L. 93-579). All information collected on this form is required under the provisions of 31 U.S.C. 3322 and 31 CFR 210. This information will be used by the Treasury Department to transmit payment data, by electronic means to vendor's financial institution. Failure to provide the requested information may delay or prevent the receipt of payments through the Automated Clearing House Payment System.

	ACENCY INC	ODMATION	
FEDERAL PROGRAM AGENCY	AGENCY INF	URMATION	
FEDERAL PROGRAMI AGENCT			
AGENCY IDENTIFIER:	AGENCY LOCATION CODE (ALC):	ACH FORMAT:	
ACENOT IDENTIFIER.	NOTION CODE (NEO).	CCD+ CTX	
ADDRESS:		□ CCD+ □ CTX	
ABBITEOO.			
CONTACT PERSON NAME:		TELEPHONE NUMBER:	
		()	
ADDITIONAL INFORMATION:		-	
	PAYEE/COMPAN		
NAME		SSN NO. OR TAXPAYER ID N	О.
4.DDD500			
ADDRESS			
CONTACT PERSON NAME:		TELEPHONE NUMBER:	
	FINANCIAL INSTITUT	TION INFORMATION	
NAME:			
ADDRESS:			
ACU COORDINATOR NAME:		TELEBLIONE NUMBER.	
ACH COORDINATOR NAME:		TELEPHONE NUMBER:	
NINE-DIGIT ROUTING TRANSIT	AHIMPED.	[()	
NINE-DIGIT ROUTING TRANSIT	NOWIDER.		
DEPOSITOR ACCOUNT TITLE:			
DEPOSITOR ACCOUNT NUMBE	ER:	LOCKBOX NUMBE	R:
TYPE OF ACCOUNT:		l .	
	CHECKING SAVINGS	LOCKBOX	
SIGNATURE AND TITLE OF AU		TELEPHONE NUMBER:	
(Could be the same as ACH Coor	rdinator)		
		()	
AUTHORIZED FOR LOCAL REP	RODUCTION	SF 3881 (Rev. 2/2003)	

SF 3881 (Rev. 2/2003) Prescribed by Department of Treasury 31 U S C 3322; 31 CFR 210

Instructions for Completing SF 3881 Form

Make three copies of form after completing. Copy 1 is the Agency Copy; copy 2 is the Payee/Company Copy; and copy 3 is the Financial Institution Copy.

- Agency Information Section Federal agency prints or types the name and address of the Federal program agency originating the vendor/miscellaneous payment, agency identifier, agency location code, contact person name and telephone number of the agency. Also, the appropriate box for ACH format is checked.
- 2. Payee/Company Information Section Payee prints or types the name of the payee/company and address that will receive ACH vendor/miscellaneous payments, social security or taxpayer ID number, and contact person name and telephone number of the payee/company. Payee also verifies depositor account number, account title, and type of account entered by your financial institution in the Financial Institution Information Section.
- 3. Financial Institution Information Section Financial institution prints or types the name and address of the payee/company's financial institution who will receive the ACH payment, ACH coordinator name and telephone number, nine-digit routing transit number, depositor (payee/company) account title and account number. Also, the box for type of account is checked, and the signature, title, and telephone number of the appropriate financial institution official are included.

Burden Estimate Statement

The estimated average burden associated with this collection of information is 15 minutes per respondent or recordkeeper, depending on individual circumstances. Comments concerning the accuracy of this burden estimate and suggestions for reducing this burden should be directed to the Financial Management Service, Facilities Management Division, Property and Supply Branch, Room B-101, 3700 East West Highway, Hyattsville, MD 20782 and the Office of Management and Budget, Paperwork Reduction Project (1510-0056), Washington, DC 20503.

[Agency Partner Name] - Project Summary

[CESU Name] Cooperative Ecosystem Studies Unit Agreement Modification Form						
FUNDING AGENCY:						
SUB-AGREEMENT/MODIFICATION NUMBER: [CESU USE ONLY]			EMENT NUMBER:	FUNDING AMO	UNT:	
PROJECT TITLE:						
EFFECTIVE PROJECT DATES:						
PROJECT PURPOSE:						
STATEMENT OF MUTUAL BENEFIT	AND INTER	EST:				
Key Words:						
Federal Agency Conta	act(s) and Sig	nature(s)		Partner Si	gnature(s)	
[Agency] Project Technical Representative & Project Leader:	[Agency] A	dministrator:	Principal Investigat	tor:	Agreement / Grant Administrator:	
Technical Rep:						
Address:						
Phone: Fax: Email:						
Project Leader: Phone: Email:						
No Signature Needed	Signature:		Signature:		Signature:	
	Date:		Date:		Date:	
Project Type: Research Technical Assistance Education						
Project Discipline(s): Biological Cultural Physical Social Interdisciplinary						
Annual Performance Report Required:						
Report(s) Received:						

[CESU Name] CESU Tracking #:

Publications on File:

This Modification is subject to all the provisions included in the CESU Agreement [Insert Agency Agreement Number]