

BLM # L13AC00091
USGS # G13AC00141
NPS # P13AC01025
BOEM # AK-05-04c
USFWS # F13AC00619
USFS # PNW 2013-JV-11261944-091
NRCS # 68-#A75-13-109
ODUSD (I&E) # W9126G-13-2-0014
USACE # W912HZ-10-2-0006
NOAA # no number issued

**NORTH AND WEST ALASKA
COOPERATIVE ECOSYSTEM STUDIES UNIT
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

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

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

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

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

and

**UNIVERSITY OF ALASKA SYSTEM (HOST)
(UA-Anchorage, UA-Fairbanks, UA-Southeast)**

University of New Hampshire

**Alaska SeaLife Center
Alaska Pacific University
Alaska Geographic
Manomet Center for Conservation Sciences
Wildlife Conservation Society
Idaho State University
Montana State University**

ARTICLE I. BACKGROUND AND OBJECTIVES

- A. This Cooperative and Joint Venture Agreement (hereinafter called Agreement) between the Bureau of Land Management, U.S. Geological Survey, National Park Service, Bureau of Ocean Energy Management, U.S. Fish and Wildlife Service, U.S. Forest Service, Natural Resources Conservation Service, Office of the Deputy Under Secretary of Defense (Installations and Environment), U.S. Army Corps of Engineers – Civil Works, and National Oceanic and Atmospheric Administration (hereinafter called Federal Agencies), and the University of Alaska System and its partner institutions is a continuation for a five (5) year term to provide for the operation and maintenance of the North and West Alaska Cooperative Ecosystem Studies Unit (CESU). This continuation of the North and West Alaska 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 and West Alaska CESU is associated with a national network of CESUs.
- B. The objectives of the North and West Alaska 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 Bureau of Land Management (hereinafter called BLM) administers public lands within a framework of numerous laws. The most comprehensive of these is the Federal Land Policy and Management Act of 1976 (FLPMA). All Bureau policies, procedures, and management actions must be consistent with FLPMA and the other laws that govern use of the public lands. It is the mission of the BLM to sustain the

health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations (43 U.S.C. § 1701 et seq.). In accordance with 43 U.S.C. § 1737(b), the BLM is authorized to enter into contracts and cooperative agreements involving the management, protection, development, and sale of public lands; and is thereby authorized to enter into this cooperative agreement to continue the North and West Alaska CESU to assist in providing research, technical assistance and education.

- D. 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 Public Law 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 and West Alaska CESU to assist in providing research, technical assistance, and education.
- E. 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)). The NPS is authorized to enter into this MOU in accordance with general authorities of the National Park Service Organic Act of 1916 (16 U.S.C. §§ 1-3). [cf. CFDA #15.945]

- 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 and West Alaska CESU to assist in providing research, technical assistance and education
- G. 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 and West Alaska CESU
- H. The U.S. Department of Agriculture Forest Service (hereinafter called USFS) mission is to achieve quality land management under the sustainable multiple-use management concept to meet the diverse needs of the people (16 U.S.C. § 1641-1646). In accordance with 7 U.S.C. § 3318 (b) the USFS is authorized to enter into a

joint venture agreement to continue the North and West Alaska CESU to assist in providing research, technical assistance, and education.

- I. 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 and West Alaska CESU to assist in providing research, studies, technical assistance, and educational services consistent with the mission of the NRCS and the CESU Network.
- J. 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 and West Alaska CESU.
- K. 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 and West Alaska CESU, under agreement number W912HZ-10-2-0006 for a cumulative amount not-to-exceed \$25,000,000.00.

- L. The mission of the National Oceanic and Atmospheric Administration (hereafter 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. Authorities to participate in and conduct activities through the Cooperative Ecosystem Studies Units Network include 33 U.S.C. § 883(e), which gives NOAA the authority to enter into cooperative agreements with States, Federal Agencies, public or private organizations or individuals for authorized surveys or investigations and other specified purposes. NOAA also has the authority under 15 U.S.C. § 2901 et seq., to enter into contracts, grants, or cooperative agreements for climate-related activities. Finally, the Coastal Zone Management Act at 16 U.S.C. § 1451 et seq., grants NOAA the authority to coordinate with Federal Agencies and provide financial and technical assistance to states and territories to preserve, protect, develop, and where possible, to restore or enhance, the resources of the Nation's coastal zone for this and succeeding generations, among other things. In accordance with the authorities listed above, NOAA is authorized to enter into agreements with States, nonprofit organizations, academic institutions, and other partners to support research, technical assistance, and educational services consistent with the mission of NOAA and the CESU Network.
- M. The University of Alaska System (hereinafter called Host University), participating in the North and West Alaska CESU through the UA-Anchorage, UA-Fairbanks, and UA-Southeast, inspires learning, and advances and disseminates knowledge through teaching, research, and public service, emphasizing the North and its diverse peoples.
- N. The partner institutions to the Host University include the University of New Hampshire, Alaska SeaLife Center, Alaska Pacific University, Alaska Geographic, Manomet Center for Conservation Sciences, Wildlife Conservation Society, Idaho State University, and Montana State University (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;
2. Conduct, with the Host University and Partner Institutions, a program of research, technical assistance and education related to the North and West Alaska 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 and West Alaska 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 Employees;
9. 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 and West Alaska CESU;
2. Conduct, with participating Federal Agencies and Partner Institutions, a program of research, technical assistance and education related to the North and West Alaska CESU objectives;
3. Allow and encourage faculty to engage in participating Federal Agencies' research, technical assistance and education activities related to the North and West Alaska CESU objectives, as appropriate;
4. Provide basic administrative and clerical support, as appropriate;
5. Provide access for Federal North and West Alaska CESU 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 Federal Agencies' personnel 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 and West Alaska CESU;
 9. Coordinate activities, as appropriate, with the Partner Institutions and develop administrative policies for such coordination; and
 10. Maintain a North and West Alaska 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 and West Alaska CESU.

C. Each Partner Institution agrees to:

1. Conduct, with participating Federal Agencies and the Host University, a program of research, technical assistance, and education related to the North and West Alaska 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 and West Alaska CESU.

D. All Federal Agencies, the Host University and Partner Institutions agree to:

1. Maintain the North and West Alaska 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 and West Alaska 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 BLM, FWS, USFS, 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;
6. 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 July 15, 2013. Parties will have until July 15, 2013 to sign this Agreement and thereby express their intent to continue participation in the North and West Alaska CESU; parties that do not sign this Agreement by July 15, 2013 will not be participants in the North and West Alaska 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 and West Alaska CESU.
- C. Amendments to this Agreement shall be made according to the following provisions:

1. 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 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 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 representatives for the Federal Agencies are as follows:

1. Bureau of Land Management

Jolie Pollet
Renewable Resources Branch Chief
Bureau of Land Management
Alaska State Office
222 West 7th Avenue #13
Anchorage, AK 99513
Phone: (907) 271.5546
Fax: (907) 271.5479
jpollet@blm.gov

2. U.S. Geological Survey

Tony DeGange
United States Geological Survey
Alaska Science Center
1101 E. Tudor Road
Anchorage, AK 99503
Phone: (907) 786.3492
Fax: (907) 786.3636
tdegange@usgs.gov

3. National Park Service

Lois Dalle-Molle
Research Coordinator
North and West Alaska CESU
National Park Service
4175 Geist Road
Fairbanks, AK 99709
Phone: (907) 455-0635
Fax: (907) 455-0601
lois_dalle-molle@nps.gov

4. Bureau of Ocean Energy Management

Dee Williams
Environmental Studies Program
Bureau of Ocean Energy Management
3801 Centerpoint Drive, Suite 500
Anchorage, AK 99503
Phone: (907) 334-5283
dee.williams@boem.gov

5. U.S. Fish and Wildlife Service

Cynthia Jacobson
Assistant Regional Director, Office of Science Applications
Alaska Region
U.S. Fish and Wildlife Service
1011 E. Tudor Road
Anchorage, AK 99503
907-786-3508
cynthia_jacobson@fws.gov

6. USDA Forest Service

Linda E. Kruger, Ph.D.
Social Science Team Leader
Alaska Communities and Forest Environments Team
PNW Research Station, US Forest Service
Juneau Forestry Sciences Lab
11175 Auke Lake Way
Juneau, AK 99801
Phone: (907) 586-7814
(907) 586-7848 (FAX)
lkruger@fs.fed.us

7. Natural Resources Conservation Service

Lillian Woods
National Technology Support Coordinator
Acting National CESU Coordinator
USDA - Natural Resources Conservation Service
P.O. Box 2890
Room 6227-S
Washington, DC 20013
Phone: (202) 690-2010
Fax: (202) 720-4839
Lillian.Woods@wdc.usda.gov

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

John Haddix
Natural Resources Supervisor
U.S. Army Garrison
Ft Wainwright, AK 99703
Phone: (907) 361-4213
john.haddix@us.army.mil

9. U.S. Army Corps of Engineers – Civil Works

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
Fax: (601) 634-3664
Al.F.Cofrancesco@usace.army.mil

Deannda Sontag

ERDC Contracting Office
U.S. Army Corps of Engineers
3909 Halls Ferry Road
Vicksburg, MS 39180-6199
Phone: (601) 634-4842
Deanna.S.Sontag@usace.army.mil

10. National Oceanic and Atmospheric Administration

Dr. Douglas DeMaster
Science Director, Alaska Fisheries Science Center
Alaska Fisheries Science Center, NOAA
7600 Sand Point Way N.E., Building 4
Seattle, WA 98115
Phone: (206) 526-4000
douglas.demaster@noaa.gov

B. The technical representatives for the Host University, University of Alaska System, are:

Mark Myers
Vice Chancellor for Research
West Ridge Research Building, Suite 212
University of Alaska Fairbanks
Fairbanks, AK 99775-7270
mdmyers@alaska.edu

Stephen Sparrow
Interim Dean, School of Natural Resources & Agricultural Sciences
University of Alaska Fairbanks
172 Arctic Health Research Bldg.
P.O. Box 757140
Fairbanks, AK 99775
Phone: (907) 474-7670
Fax: (907) 474-6567
sdsparrow@alaska.edu

Peter Fix
Associate Professor & NWA-CESU Campus Coordinator
Department of Humans and the Environment
University of Alaska Fairbanks
323 O'Neill Bldg.
P.O. Box 757200
Fairbanks, AK 99775
Phone: (907) 474-6926
Fax: (907) 474-6184

pjfix@alaska.edu

C. The technical representatives for the Partner Institutions are:

1. University of New Hampshire

John D. Aber
Provost and Vice President for Academic Affairs
University of New Hampshire
Thompson Hall 107
105 Main Street
Durham, NH 03824-3547
Phone: (603) 862-3045
john.abner@unh.edu

Kelly Giraud
Associate Professor
Department of Resources Economics and Development
University of New Hampshire
320 James Hall
Durham, NH 03824
Phone: (603) 862-4811
Fax: (603) 862-0208
kelly.cullen@unh.edu

2. Alaska SeaLife Center

Tara Riemer Jones, Ph.D
President and CEO
Alaska SeaLife Center
301 Railway Avenue
P.O. Box 1329
Seward, AK 99664
Phone: (907) 224.6349
Fax: (907) 224.6360
taraj@alaskasealife.org

3. Alaska Pacific University

Dr. Michael Loso
Associate Professor of Earth Sciences
Alaska Pacific University
4101 University Drive
Anchorage, AK 99508
Phone: (907) 564-8263
Fax: (907) 562-4276

mloso@alaskapacific.edu

4. Alaska Geographic

Barbara Elfman Bell
Executive Director
Alaska Geographic
810 East Ninth Avenue
Anchorage, AK 99501
Phone: (907) 274.8440
bbell@alaskageographic.org

5. Manomet Center for Conservation Sciences

Stephen Brown
Director of Shorebird Science
Manomet Center for Conservation Sciences
81 Stage Point Road
P.O. Box 1770
Manomet, MA 02345
Phone: (508) 224-6521
Fax: (508) 224-9220
sbrown@manomet.org

6. Wildlife Conservation Society

Joe Liebezeit
Associate Conservation Biologist
Wildlife Conservation Society
North America Program - Pacific West
718 SW Alder Street, Suite 210
Portland, OR 97205
Phone: (503) 241-7231
jliebezeit@wcs.org

7. Idaho State University

Ben Crosby
Assistant Professor
Department of Geosciences
Idaho State University
Pocatello, ID 83209
Phone: (208) 282-2949
crosby@isu.edu

8. Montana State University

Stephanie A. Ewing
Assistant Professor
Dept. of Land Resources & Environmental Sciences
Montana State University
817 Leon Johnson Hall
Bozeman, MT 59717
Phone: (406) 994-5247
stephanie.ewing@montana.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.
- 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 (US 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 the USFS cannot reimburse "state cooperative institutions" for indirect costs, pursuant to 7 U.S.C. § 3103(16) and 7 U.S.C. § 3319. Indirect costs may be used to satisfy USFS cost sharing requirements of at least a minimum of 20% of total project costs. It is recommended that cost-sharing is greater than 20% in accordance with the Forest Service Handbook FSH1509.11, Chapter 70.
 - 2. An additional 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.
 - 3. 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. Copies of all modifications to the Agreement shall be kept on file with the Host University.
- 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 PRODUCTS

- 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 and West Alaska 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 and West Alaska CESU will be agreed to and maintained by all North and West Alaska 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 and West Alaska CESU and will:
 - 1. Describe the North and West Alaska 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 and West Alaska 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 and West Alaska 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.

2. **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, counter-intelligence, intelligence, or national security activities.

6. **LIABILITY PROVISION:**

a) **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.).

b) 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”:

iii. 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.

iv. Includes:

a. 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).

b. A for-profit organization.

(4) “Severe forms of trafficking in persons,” “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. SPECIAL PROVISIONS:

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.

2. 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

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:

U.S. DEPARTMENT OF THE INTERIOR

- A. Bureau of Land Management
- B. U.S. Geological Survey
- C. National Park Service
- D. Bureau of Ocean Energy Management

E. U.S. Fish and Wildlife Service

U.S. DEPARTMENT OF AGRICULTURE

F. U.S. Forest Service

G. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

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

I. U.S. Army Corps of Engineers – Civil Works

DEPARTMENT OF COMMERCE

J. National Oceanic and Atmospheric Administration

K. UNIVERSITY OF ALASKA SYSTEM (HOST)

L. University of New Hampshire

M. Alaska SeaLife Center

N. Alaska Pacific University

O. Alaska Geographic

P. Manomet Center for Conservation Sciences

Q. Wildlife Conservation Society

R. Idaho State University

S. Montana State University

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management



Bud C. Cribley
State Director

6/10/2013
Date

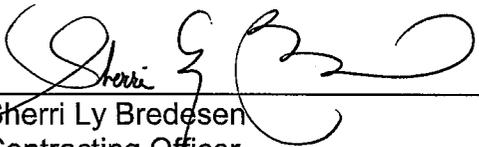


Leona B. Parker (Acting)
Grants Management Officer

6/6/2013
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

06/05/13
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

C. National Park Service



Sue Masica
Regional Director
Alaska Region



Date



Margaret H. Iskra
Contracting Officer



Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

D. Bureau of Ocean Energy Management



Rodney Cluck
Chief, Division of Environmental Sciences

6/2/13
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

E. U.S. Fish and Wildlife Service

For 

Geoffrey Haskett
Regional Director
Alaska Region

July 29, 2013
Date

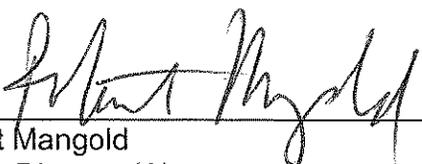


Rich Primmer
Contract Specialist

7/29/2013
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service



Robert Mangold
Station Director (A)
Pacific Northwest Research Station

7/17/13
Date

The authority and format of this instrument has been reviewed and approved for signature.

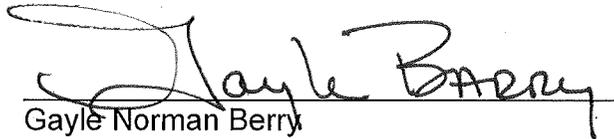


Vi Ta
Lead Grants Management Specialist
Pacific Northwest Research Station

7/16/13
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

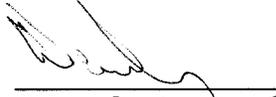
A handwritten signature in black ink that reads "Gayle Berry". The signature is written in a cursive style with a large initial "G".

Gayle Norman Berry
Deputy Chief for Management

6/28/13
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

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

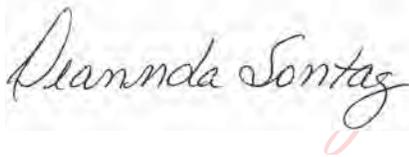


Derek Gadberry
Grants Officer (Representing ODUSD (I&E))

4 Jun 13
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

I. 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: 2013.07.03 12:41:09 -05'00'

Deanna Sontag
Grants Officer

Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

J. National Oceanic and Atmospheric Administration

for  _____

Pat Montanio
Assistant Administrator
Office of Program Planning and Integration
NOAA CESU Network Lead

 _____
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

K. University of Alaska System



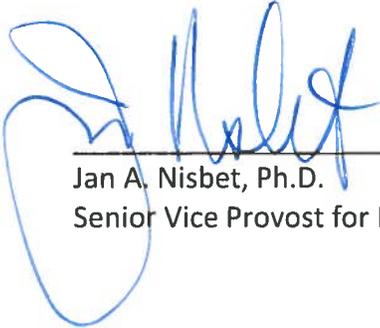
Dana L. Thomas, Vice President, Academic
Affairs

July 16, 2013

Date

ARTICLE XIII. AUTHORIZING SIGNATURES (Cont.)

L. University of New Hampshire



Jan A. Nisbet, Ph.D.
Senior Vice Provost for Research

July 15, 2013

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

M. Alaska SeaLife Center

A handwritten signature in blue ink, reading "Tara Riemer Jones", written over a horizontal line.

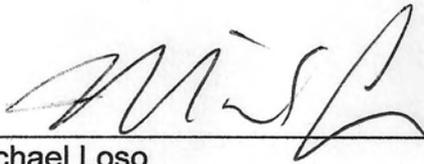
Tara Riemer Jones
President and CEO

6/5/2013

Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

N. Alaska Pacific University

A handwritten signature in black ink, appearing to read 'M. Loso', written over a horizontal line.

Michael Loso
Associate Professor

6/6/13
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

O. Alaska Geographic

Barbara Elfman Bell

~~Lisa Oakley~~
Projects Director

July 3, 2013

Date

Barbara Elfman Bell
Executive Director

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

P. Manomet Center for Conservation Sciences



Constance de Brun
Vice President of Finance and Operations

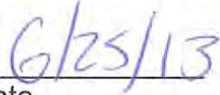
6/11/13
Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

Q. Wildlife Conservation Society



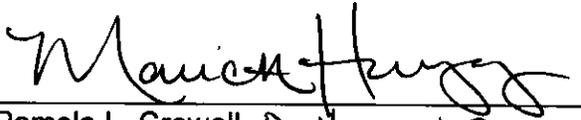
Jodi Hilty
Director, North American Program



Date

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

R. Idaho State University



~~Pamela L. Growell~~ Dr. Howard Grimes
Vice President for Research and Economic Development

7/5/13
Date

Monica HUYG- Delegated Auth.
Director of Research Contracts

ARTICLE XIII. AUTHORIZING SIGNATURES (cont.)

S. Montana State University



Thomas J. McCoy
Vice President for Research

6/24/13
Date

REQUEST FOR ADVANCE OR REIMBURSEMENT

(See instructions on back)

OMB APPROVAL NO. 0348-0004	PAGE _____ OF _____ PAGES
--------------------------------------	---------------------------

1. TYPE OF PAYMENT REQUESTED a. "X" one or both boxes <input type="checkbox"/> ADVANCE <input type="checkbox"/> REIMBURSEMENT b. "X" the applicable box <input type="checkbox"/> FINAL <input type="checkbox"/> PARTIAL	2. BASIS OF REQUEST <input type="checkbox"/> CASH <input type="checkbox"/> ACCRUAL
---	--

3. FEDERAL SPONSORING AGENCY AND ORGANIZATIONAL ELEMENT TO WHICH THIS REPORT IS SUBMITTED

4. FEDERAL GRANT OR OTHER IDENTIFYING NUMBER ASSIGNED BY FEDERAL AGENCY

5. PARTIAL PAYMENT REQUEST NUMBER FOR THIS REQUEST

6. EMPLOYER IDENTIFICATION NUMBER

7. RECIPIENT'S ACCOUNT NUMBER OR IDENTIFYING NUMBER

8. **PERIOD COVERED BY THIS REQUEST**
 FROM (month, day, year) _____ TO (month, day, year) _____

9. RECIPIENT ORGANIZATION

Name: _____

Number and Street: _____

City, State and ZIP Code: _____

10. PAYEE (Where check is to be sent if different than item 9)

Name: _____

Number and Street: _____

City, State and ZIP Code: _____

11. COMPUTATION OF AMOUNT OF REIMBURSEMENTS/ADVANCES REQUESTED

PROGRAMS/FUNCTIONS/ACTIVITIES ►	(a)	(b)	(c)	TOTAL
a. Total program outlays to date <small>(As of date)</small>	\$	\$	\$	\$
b. Less: Cumulative program income				
c. Net program outlays (Line a minus line b)				
d. Estimated net cash outlays for advance period				
e. Total (Sum of lines c & d)				
f. Non-Federal share of amount on line e				
g. Federal share of amount on line e				
h. Federal payments previously requested				
i. Federal share now requested (Line g minus line h)				
j. Advances required by month, when requested by Federal grantor agency for use in making prescheduled advances	1st month			
	2nd month			
	3rd month			

12. ALTERNATE COMPUTATION FOR ADVANCES 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 of advance period	
c. Amount requested (Line a minus line b)	\$

I certify that to the best of my knowledge and belief the data on the reverse are correct and that all outlays were made in accordance with the grant conditions or other agreement and that payment is due and has not been previously requested.	SIGNATURE OR AUTHORIZED CERTIFYING OFFICIAL	DATE REQUEST SUBMITTED
	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:

- | <i>Item</i> | <i>Entry</i> |
|---|--|
| 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 |

- | <i>Item</i> | <i>Entry</i> |
|-------------|---|
| | 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 in-kind 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)

1. Federal Agency and Organizational Element to Which Report is Submitted		2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment)			Page	1	of pages
3. Recipient Organization (Name and complete address including Zip code)							
4a. DUNS Number	4b. EIN	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment)		6. Report Type <input type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final	7. Basis of Accounting <input type="checkbox"/> Cash <input type="checkbox"/> Accrual		
8. Project/Grant Period From: (Month, Day, Year) To: (Month, Day, Year)				9. Reporting Period End Date (Month, Day, Year)			
10. Transactions						Cumulative	
<i>(Use lines a-c for single or multiple grant reporting)</i>							
Federal Cash (To report multiple grants, also use FFR Attachment):							
a. Cash Receipts							
b. Cash Disbursements							
c. Cash on Hand (line a minus b)							
<i>(Use lines d-o for single grant reporting)</i>							
Federal Expenditures and Unobligated Balance:							
d. Total Federal funds authorized							
e. Federal share of expenditures							
f. Federal share of unliquidated obligations							
g. Total Federal share (sum of lines e and f)							
h. Unobligated balance of Federal funds (line d minus g)							
Recipient Share:							
i. Total recipient share required							
j. Recipient share of expenditures							
k. Remaining recipient share to be provided (line i minus j)							
Program Income:							
l. Total Federal program income earned							
m. Program income expended in accordance with the deduction alternative							
n. Program income expended in accordance with the addition alternative							
o. Unexpended program income (line l minus line m or line n)							
11. Indirect Expense	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
				g. Totals:			
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:							
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)							
a. Typed or Printed Name and Title of Authorized Certifying Official					c. Telephone (Area code, number and extension)		
					d. Email address		
b. Signature of Authorized Certifying Official					e. Date Report Submitted (Month, Day, Year)		
14. Agency use only:							

Standard Form 425-A
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.

AGENCY INFORMATION

FEDERAL PROGRAM AGENCY

AGENCY IDENTIFIER:

AGENCY LOCATION CODE (ALC):

ACH FORMAT:

CCD+

CTX

ADDRESS:

CONTACT PERSON NAME:

TELEPHONE NUMBER:

()

ADDITIONAL INFORMATION:

PAYEE/COMPANY INFORMATION

NAME

SSN NO. OR TAXPAYER ID NO.

ADDRESS

CONTACT PERSON NAME:

TELEPHONE NUMBER:

()

FINANCIAL INSTITUTION INFORMATION

NAME:

ADDRESS:

ACH COORDINATOR NAME:

TELEPHONE NUMBER:

()

NINE-DIGIT ROUTING TRANSIT NUMBER:

— — — — —

DEPOSITOR ACCOUNT TITLE:

DEPOSITOR ACCOUNT NUMBER:

LOCKBOX NUMBER:

TYPE OF ACCOUNT:

CHECKING

SAVINGS

LOCKBOX

SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL:
(Could be the same as ACH Coordinator)

TELEPHONE NUMBER:

()

AUTHORIZED FOR LOCAL REPRODUCTION

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.

1. 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]

COOPERATIVE AGREEMENT NUMBER:

FUNDING AMOUNT:

PROJECT TITLE:

EFFECTIVE PROJECT DATES:

PROJECT PURPOSE:

STATEMENT OF MUTUAL BENEFIT AND INTEREST:

Key Words:

Federal Agency Contact(s) and Signature(s)		Partner Signature(s)	
<p>[Agency] Project Technical Representative & Project Leader:</p> <p>Technical Rep:</p> <p>Address:</p> <p>Phone:</p> <p>Fax:</p> <p>Email:</p> <p>Project Leader:</p> <p>Phone:</p> <p>Email:</p> <p>No Signature Needed</p>	<p>[Agency] Administrator:</p> <p>Signature: _____</p> <p>Date: _____</p>	<p>Principal Investigator:</p> <p>Signature: _____</p> <p>Date: _____</p>	<p>Agreement / Grant Administrator:</p> <p>Signature: _____</p> <p>Date: _____</p>

Project Type: Research ____ Technical Assistance ____ Education ____

Project Discipline(s): Biological ____ Cultural ____ Physical ____ Social ____ Interdisciplinary ____

Annual Performance Report Required:

Report(s) Received:

Publications on File:

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

[CESU Name] CESU Tracking #: