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## **Coastal America Federal Agency Commitments to Coastal Ecosystem Learning Centers**

Attached is list of services and materials each federal agency has provided or is committed to provide to the Coastal Ecosystem Learning Centers.

Please call Betsy Salter, Education/Outreach Coordinator at 202/401-9923 or Julianna Wyman at 202/401-0226 if you have any questions.

### KEY

AK	Alaska SeaLife Center in Seward, AK
DISL	Dauphin Island Sea Lab, AL
FL	Florida Aquarium in Tampa, FL
HAT	Hatfield Marine Science Center in Newport, OR
IGFA	International Game Fish Association Fishing Hall of Fame and Museum in Dania Beach, FL
MB	Monterey Bay Aquarium in Monterey Bay, CA
MYS	Mystic Aquarium in Mystic, CT
NAIB	National Aquarium in Baltimore, MD
NE	New England Aquarium in Boston, MA
NY	NY Aquarium, Coney Island, NY
SCA	South Carolina Aquarium in Charleston, SC
TSA	The Seattle Aquarium in Seattle, WA
TX	Texas State Aquarium in Corpus Christi, TX
WA	Waikiki Aquarium in Honolulu, HI

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AGRICULTURE

Commitments	Learning Center Recipient
Educational materials, such as wetland and wildlife posters, for educational packets.	NE, FL, MYS, NAIB, NY, TX, WA, IGFA, SCA, DISL
Technical expertise on non point pollution, watershed protection, and/or native plants related to agriculture and erosion control	FL, MYS, NAIB, NY, IGFA, SCA, DISL
Native plants from NRCS's Plant Materials Center and ongoing technical support for onsite landscaping, regional restoration projects or educational programs. Tree planted on site (Forest Service).	MB, HAT, WA, TSA, SCA, DISL
Support development of a Conservation Plan and habitat restoration program, including restoration of a wetland, and provide funding as appropriate through existing programs e.g. Wetland Reserve Program	HAT, WA
Marine environment sculpture (Forest Service)	HAT
Shared interpretive and educational programs (Forest Service)	HAT
Original, numbered prints of historic Heceta Head Lighthouse (FS)	HAT
Partner with the CELC to offer environmental education through the Sewee Visitor and Environmental Education Center (operated by the Forest Service and the U.S. Fish and Wildlife Service)	SCA
University of Alaska student intern	AK
Link between Natural Resources Conservation Services webpage	AK, WA, DISL
Provide educational support for one day per month for six months	AK
Provide speakers, rotating displays, and/or visits from Smoky Bear	AK, SCA
Conduct off-site nature walks and host joint interpretive and educational training for Forest Service and CELC staff	AK
Technical expertise on some or all of the following: watershed protection, non-point source pollution, erosion control, dune stabilization, and exhibit development	WA, SCA, DISL
Provide staff and other necessary resources to support education and awareness about connections between the mountains and the Sound	TSA
Assist The Seattle Aquarium CELC in serving as a center for connecting urban communities with the mountains and National Forests	TSA
Provide technical assistance on information systems including GIS and computerized displays	IGFA

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**AIR FORCE**

<b>Commitments</b>	<b>Learning Center Recipient</b>
Educational materials and staff time to support educational/outreach activities	MYS, WA,
Resource handbook "Conserving Biodiversity on Military Lands"	NAIB, NY, MB, TX, HAT, AK
"DoD Aircrew Environmental Awareness," "Stormwater Prevention," and "Polar Bear Awareness" videos	MB, TX, AK
Collaborate with the Learning Centers on projects such as coral reef research and logistical support	NAIB, NY
Donate poster "USAF Conservation Program"	AK
Provide access to research, surveys, data, and video footage from Andersen Marine Resources Preserve.	WA
Technical expertise, meeting room space, and access to near shore waters for surveys in Hawaii and Andersen AFB, Guam	WA
Copies of all completed coastal studies that occur at the 611 Air Support Group's 16 coastal installations	AK

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ARMY

Commitments	Learning Center Recipients
Provide COE publications, CD-ROMs and other educational materials on coastal or restoration topics, including "A Junior Scientist Guide to Wetlands," "Exploring the California Coastline" brochures, and brochures on salmon recovery and water resources planning.	FL, MYS, HAT, NE, AK, MB, WA, IGFA, TSA, SCA
Technical expertise to develop exhibits on ecosystem restoration	MYS, FL, AK, NE, MB, TSA
Provide expert speakers to discuss coastal issues such as beneficial use of dredged material and habitat restoration and conduct educational presentations	NAIB, NY, MB, TX, AK, WA, IGFA, SCA
Support a collaborative restoration project	NAIB, NY, TSA, SCA
Provide a day aboard a COE research vessel for data collection in an urban ecosystem	NY
Provide local geophysical and biological data	NY, SCA
Technical assistance concerning wetlands, special aquatic sites, coastal engineering, and hydrology.	WA, SCA
Broaden the educational partnering opportunities between The Aquarium and COE's Hiram Chittendon Lock and Dam facilities	TSA
Miscellaneous school supplies	IGFA
Provide COE vessels for educational tours when they are in the area	HAT, TSA

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COMMERCE

Commitments	Learning Center Recipients
Access to NOAA vessels: R/V Laidly, R/V Alosid, MacArthur, Rainier, etc for educational purposes and cruise time	NE, NAIB, MB, AK
Ongoing effort with Woods Hole Oceanographic Institute documenting Sachuest Marsh recovery on Web site	NE
Commitment to provide scientific and technical expertise on marine mammals and fishing issues in the Gulf of Mexico	FL
Technical assistance in developing marine and estuarine exhibits	NAIB, HAT, TX, IGFA
A computer-generated drawing of a TED (turtle excluding device) and a BRD (bycatch reduction device) operating on a shrimp trawl	FL
A turtle excluding device (TED)	TX
A shrimp trawl cod end with a bycatch reduction device (BRD) and a TED for use in educational programs, and various other educational materials	SCA
Access to confiscated items to support the Aquarium exhibits, including a stuffed seal, seal pelts of various species, boots and clothing made of sealskin, whale bones and baleen, and black coral	MYS, NAIB, NY, MB, HAT, AK, WA, TSA
Teacher's guides for incorporating ocean-related studies into classroom activities	HAT
Collaboration with Learning Centers through research and educational programs through the National Estuarine Research Reserve System, the National Marine Sanctuary Program, the National Sea Grant College Program, as well as other programs such as NOAA's Teacher-at-Sea Program and the Classroom-at-Sea Program with NOAA ships in the area	AK, NAIB, NY, TX
Posters, videos, CDs and other educational materials, e.g., "Turning the Tide," "Fishes of the Gulf of Mexico," "Restoring the Nation's Environment"	MYS, NAIB, NY, MB, HAT, TX, WA, IGFA, SCA, DISL
Visiting scientists and speakers for Learning Center programs	MB, AK, IGFA, TSA, SCA
A "Notice to Mariners" on the locations of the pipeline outfall, and the tour boat dock for the Center, and this information will be incorporated into NOAA's next chart edition	AK
Continue to provide content, coordination, and support for the Salmon Information Center located at The Seattle Aquarium	TSA

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Aerial maps of South Florida including benthic resource mapping	IGFA
NOAA's Olympic Coast National Marine Sanctuary will provide \$40,000, technical assistance, and other educational program support for additions to the sea otter exhibit.	TSA
Explore establishing links from the NOAA/NMFS web sites to the Learning Center web sites and provide information about the Learning Centers on the NOAA/NMFS sites	AK, IGFA, SCA
Support for the South Carolina Aquarium webpage	SCA

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**ENERGY**

<b>Commitments</b>	<b>Learning Center Recipients</b>
Provide educational support through the Pacific Northwest National laboratory.	TSA
The laboratory will provide tours of its facilities	TSA
Provide speakers, educational materials, displays, and expertise	TSA
The Center of Excellence for Sustainable Development will review and provide comment on the NAIB Energy Report	NAIB

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ENVIRONMENTAL PROTECTION AGENCY

Commitments	Learning Center Recipients
A day on the <i>Peter W. Anderson</i>	NE, FL, MYS, NAIB, NY, TX, SCA
Dedication of marine scientists to work with Center providing technical expertise	NE, FL, MYS, TX, TSA
Educational material about a variety of coastal issues, environmental education programs, and water quality publications, including the Water Sourcebook and "Touch the Bay" educational software	NY, MB, FL, NAIB, AK, WA, SCA
Provide speakers for aquarium programs	NY, TSA, SCA
Provide grant funds for an engineering study to evaluate integration of advanced pollution prevention technologies	NY
Work with aquariums on 1998 Year of the Ocean, American Wetlands Month, National Estuaries Day and ongoing information exchange	NY, HAT, MB, SCA
Access to GIS data and maps	HAT, TSA, SCA
Manuals for Stream Walk, Wetland Walk, and Lake Walk	HAT
Scientific assistance with marine education workshops	HAT, WA, TSA, SCA
Senior-level staff person to serve as Coastal America liaison	TSA
In-kind printing and staff support for Salmon Homecoming	TSA
Increase links to The Aquarium on EPA's homepage	TSA
Provide/facilitate volunteer service in support of the Center	AK
The Gulf of Mexico Program Office will provide a grant to refine and expand a web-based Harmful Algal Bloom information exchange network at the Sea Lab.	DISL



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**HEALTH AND HUMAN SERVICES**

Food and Drug Administration

<b>Commitments</b>	<b>Learning Center Recipients</b>
Provide staff and other resources to support education and awareness about the safety of seafood	<b>DISL</b>
Provide tours of the Gulf Coast Seafood Laboratory research center	<b>DISL</b>
Provide expert speakers, educational materials, and expertise	<b>DISL</b>

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**HOUSING AND URBAN DEVELOPMENT**

<b>Commitments</b>	<b>Learning Center Recipients</b>
Exploring all options for economic and educational development funds to support educational and restoration efforts	MYS, WA, TSA
Mapping software that provides 640 different Census elements to describe the characteristics of a community	NAIB, TSA
Provide space on the HUD WWW page for advertising learning center events	BALT, MB, HAT, TSA
Consulting with Neighborhood Networks Specialists	NAIB
Support educational objectives by using electronic communication to reach out to under-served communities	MB, TSA
Cooperate in future research and educational programs	HAT, WA

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Fish and Wildlife Service

<b>Commitments</b>	<b>Learning Center Recipients</b>
Confiscated fish and wildlife material and products, including endangered species materials, for education and display purposes	NE, FL, MB, TX, AK, HAT, IGFA, TSA, SCA
Framed educational posters, videos, journals, and other educational and outreach material related to all aspects of fish and wildlife conservation and restoration	NE, FL, MYS, NAIB, NY, HAT, AK, IGFA, SCA, DISL
Promote learning center education programs and activities	NAIB, WA, IGFA, TSA, SCA, DISL
Assist the learning centers in landscaping and development of exhibits	NAIB, TSA, SCA
Develop programs on the value of habitats and open space within the urban core and provide an educational program for important beach strand species	NY
ProCite database for marine mammals (bibliographic), duplicates of marine mammal references, copies of marine mammal administrative reports and publications	AK
Provide a link and educational materials on the Midway Islands National Wildlife Refuge	WA
Continue involvement with The Aquarium's Mobile Field Lab Stewardship Program	TSA
Fish and Wildlife Service to provide speakers for Learning Center programs	AK, TSA
Develop joint exhibits at the Sewee Visitor Center	SCA
Offer the use of the Bon Secour National Wildlife Refuge and the Daphne Alabama Ecological Services Field Office for education training	DISL

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National Park Service

Commitments	Learning Center Recipients
A book "The Gateway Companion" about the resources of the Gateway National Recreation Area and educational materials about the programs at the Recreation Area	NY
Provide access to educational, research, and informational materials	DISL
The Gulf Islands National Seashore will partner with the Sea Lab as an outdoor laboratory, providing locations for field trips and research, and will provide logistical and staff assistance for these programs	DISL
Cooperative research activities on environmental contaminants in the Hudson-Raritan estuary	NY
Cooperative educational activities and mini-conferences as well as cooperative research projects at various National Parks	NY, WA
National Park Service and Center received a grant to send the park environmental educational director, a Center educator, and a local high school science director to Yellowstone for three days of instruction in incorporating National Science Standards into environmental education programs	AK
Share the cost (with Washington National Parks Fund) of an educational specialist in the Seattle Office	TSA
Share materials and equipment for educational activities	TSA
Provide a framed print of the Biscayne shoreline and educational material	IGFA
Develop specific programs that will coordinate efforts in environmental/curriculum-based science education	AK, WA
Provide a copy of Charleston's Maritime Heritage 1670-1865 to highlight the link between past cultural developments and natural history of Charleston's Harbor	SCA
Fort Sumter will support the Aquarium through joint programming for students and visitors, provide on-site learning events, and partner on exhibit development of natural and cultural history	SCA

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U.S. Geological Survey

<b>Commitments</b>	<b>Learning Center Recipients</b>
Atlas of Gloria Project data which shows sea floor images of the U.S. Exclusive Economic Zone	MB
Provide copies of digital, topographic data from Puget Sound	TSA
Include Aquarium representatives in regional strategy to seamlessly collect topo and bathymetric data	TSA
Provide a student intern through the Hawaiian Intern Program	WA
Provide facility tours	WA
Participate in cooperative research	WA
Provide educational brochures and a web link	WA, DISL
Assist with the development of a section on Aquarium's website concerning terrestrial impacts on coral reefs	WA
Provide wetland and wildlife posters, slides, videos, and other display materials.	IGFA, SCA, DISL
USGS speakers, technical expertise, and assistance with educational programs	MB, WA, IGFA
Provide an educational kiosk at the Aquarium that will provide access to real-time hydrologic, water quality, and weather data observations via the Internet	SCA
Provide one half of the funds need to install, operate, and maintain a real-time data collection satellite network station , that could be equipped with stage and/or velocity, meteorological, and water-quality sensors (data viewable from kiosk).	SCA
Provide access to color infrared aerial photograph of the Alabama coast, seagrass and other habitat data/maps for the northern Gulf of Mexico coastal region, access to real-time hydrologic data and numerous other technical data including GIS maps and DEMs	DISL

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Minerals Management Service

<b>Commitments</b>	<b>Learning Center Recipients</b>
A number of books published recently as a result of MMS studies, including "The Early Stages of Fishes in the California Current Region" and Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and the Western Santa Barbara Channel"	MB
A CD-ROM entitled "Marine Mammal and Seabird Database Analysis System - California OCS"	MB
Commitment to keep the Center informed of the results of MMS-funded studies in the Monterey Bay area	MB
Work jointly with the Center to formulate educational materials and posters on topics of common interest	AK
Discuss the possibility of establishing a seminar exchange project	AK
Involve the Center in the development of Annual Study Plans	AK

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**INTERIOR**

Bureau of Land Management

<b>Commitments</b>	<b>Learning Center Recipients</b>
Framed photo of Yaquina Head, framed poster of Yaquina Head Outstanding Natural Area, and 1,000 copies of the poster for use in educational programs	HAT
Establish an MOU to fund a “stipend for students” for five years to fund a student to perform field work at Yaquina Head	HAT

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NAVY and U.S. MARINE CORPS

Commitments	Learning Center Recipients
Educational materials such as videos, CD-ROMs, and posters	NE, NY, FL, NAIB, HAT, AK, WA, IGFA, SCA, DISL
Provision of a Navy vessel for a port visit and educational tours	FL, WA, TSA
Artwork and Memorabilia: Original oil painting of the NR-1; Silver plate presented to crew of USS <i>Monterey</i> by Ester Williams in 1952; Framed reproduction of a painting by local artist Dinah Bowman, depicting "Navy's environmentally sound ships operating responsibly with nature"	MYS, MB, TX
Navy and Submarine Group TWO will partner with CA and Learning Centers to provide support and assets, such as the NR-1, as their mission allows	MYS
Provide link between Learning Centers and Office of Naval Research home page	NAIB, TSA, SCA
Set of seven CD's with unique recordings of calls from four species of whales and other undersea sounds recorded by the Navy's underwater acoustic hydrophones	MB, TSA
Summary of all Navy marine mammal research projects	MB
Information on a dune restoration program using native vegetation at the Naval Postgraduate School	MB
Provide data and expertise, as available, on marine mammals, ocean acoustics, and ocean sciences for exhibit development, education programs and research	MB, NY, NAIB, IGFA, TSA
Make Navy facilities available on a prearranged basis for educational tours	TX, SCA
Continue to support local beach cleanup and restoration projects	TX
Periodic briefings to Aquarium staff	TSA, SCA
Access to Navy restricted areas for collections in Hood Canal	TSA
Support for Operation Pathfinder/COAST workshop for teachers in the Center in 1999	HAT



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TRANSPORTATION

U.S. Coast Guard

<b>Commitments</b>	<b>Learning Center Recipients</b>
Open House onboard Cutter <i>Grand Isle</i>	NE
Continuing local boater education programs	NE, IGFA
Patrol Boat at dedication	FL, AK
Provide education/outreach material on marine safety plus other subjects, such as oil spill response, through the Sea Partners Program	FL, MYS, NY, TX, HAT, AK, WA, IGFA, SCA, DISL
Search and rescue demonstration	TX, SCA
Provide personnel and ship time to produce a video for PBS and classrooms	TX
Use of USCG rescue boat for educational event	HAT, IGFA
Make habitat on federal facilities and installations available for research	IGFA
A District 17 emblematic plaque for display at the Learning Center	AK
Assist with boat support as needed (provided it does not interfere with USCG mission response)	DISL
Provide tours of USCG units	DISL

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**TRANSPORTATION**

Federal Highway Administration

<b>Commitments</b>	<b>Learning Center Recipients</b>
Provide access to research data, educational material for exhibits and distribution	TSA, SCA
Provide technical support on transportation planning, land use issues, water quality, non source point control, and vegetation management	NAIB, AK, TSA
Furnish environmental and other highway related exhibit material for loan to the aquarium	MB, IGFA
Use of 8' x 10' watershed displays and wetlands displays to be set up in the Center on a rotating basis	HAT