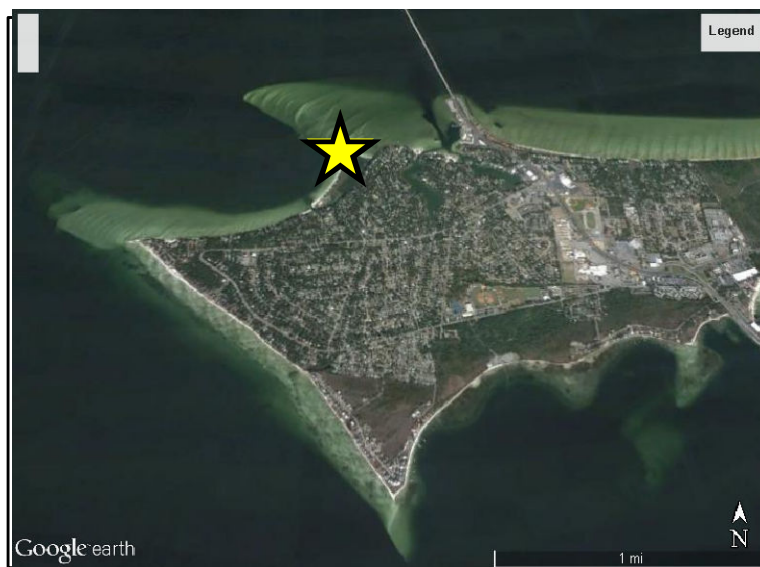
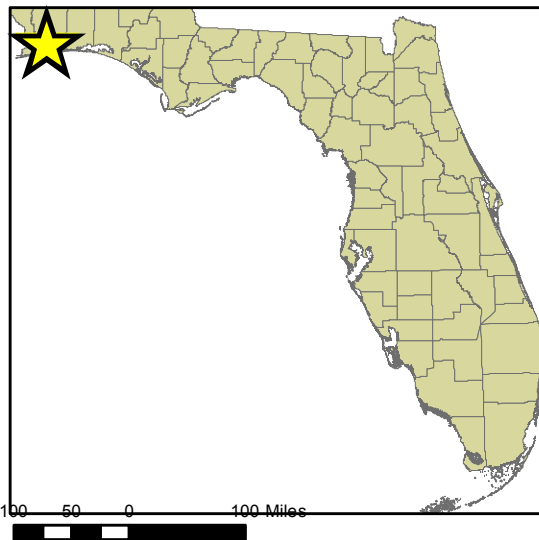
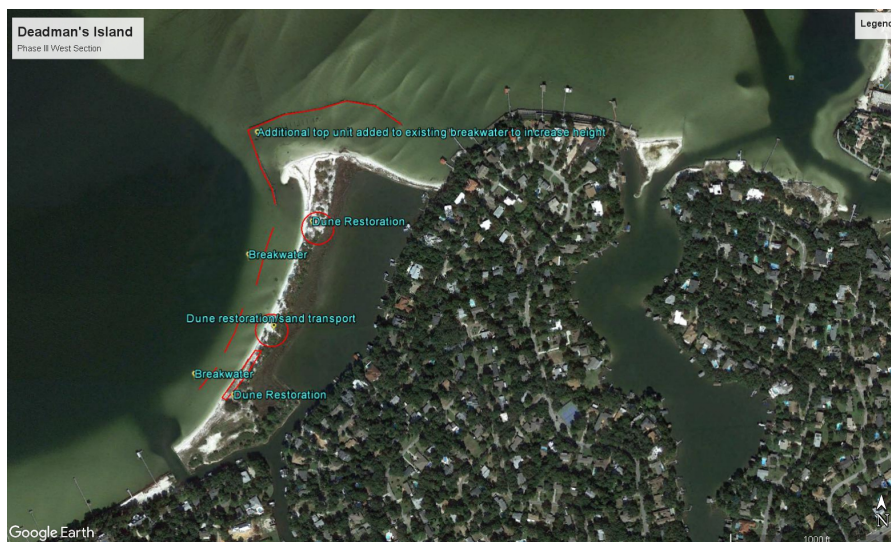


Project Vicinity Map - Deadman's Island, Santa Rosa County



Gulf Breeze



Deadman's Island
Phase III



ECS

Date: 07/2/2017

Prepared By: Heather Reed

www.ecologicalconsultingservices.com

Species List of Deadman's Island, Gulf Breeze Florida

Birds (Audubon Society)

Bald eagle (*Haliaeetus leucocephalus*)
American Oystercatcher (*Haematopus palliatus*)
Osprey (*Pandion haliaetus*),
Common Loon (*Gavia immer*),
Pied-bill Grebe (*Podilymbus podiceps*),
Horned Grebe (*Podiceps auritus*),
American White Pelican (*Pelecanus erythrorhynchos*),
Brown Pelican (*Pelecanus occidentalis*),
Double-crested Cormorant (*Phalacrocorax auritus*),
Lesser Scaup (*Aythya affinis*),
Magnificent Frigatebird (*Fregata magnificens*),
Great Blue Heron (*Ardea herodias*),
Great Egret (*Ardea alba*),
Snowy Egret (*Egretta thula*),
Tricolored Heron (*Egretta tricolor*),
Cattle Egret (*Bulbulcus ibis*)
Green Heron (*Butorides virescens*)
Yellow-crowned Night-Heron (*Nyctanassa violacea*)
White Ibis (*Eudocimus albus*)
Snow Goose (*Chen caerulescens*)
Canada Goose (*Branta Canadensis*)
Mallard (*Anas platyrhynchos*)
Mottled Duck (*Anas fulvigula*)
Blue-winged Teal (*Anas discors*)
Least Tern (*Sterna antillarum*)
Redhead Duck (*Aythya americana*)
Ruddy Turnstone (*Arenaria interpres*)
Black Scoter (*Melanetta niger*)
Clapper Rail (*Rallus longirostris*)
Black-bellied Plover (*Pluvialis squataroia*)
Semi-palmated Plover (*Charadrius semipalmatus*)
Killdeer (*Charadrius vociferus*)
lack-necked Stilt (*Himantopus mexicanus*)
Greater Yellowlegs (*Tringa melanoleuca*)
Lesser Yellowlegs (*Tringa flavipes*)
Willet (*Catoptrophorus semipalmatus*)

Spotted Sandpiper (*Actitus macularia*)
Whimbrel (*Numenius phaeopus*)
Sanderling (*Calidris alba*)
Gray Kingbird (*Tyrannus dominicensis*)
Semipalmated Sandpiper (*Calidris pusilla*)
Short-billed Dowitcher (*Limnodromus griseus*)
Laughing Gull (*Larus atricilla*)
Bonaparte's Gull (*Larus philadelphia*)
Ring-billed Gull (*Larus delawarensis*)
Loggerhead Shrike (*Lanius ludovicianus*)
Herring Gull (*Larus argentatus*)
Caspian Tern (*Sterna caspia*)
Royal Tern (*Sterna maxima*)
Sandwich Tern (*Sterna sandvicensis*)
Common Tern (*Sterna hirundo*)
Forster's Tern (*Sterna forseri*)
Sooty Tern (*Sterna fuscata*)
Black Tern (*Chlidonias niger*)
Black Skimmer (*Rynchops niger*)
Belted Kingfisher (*Ceryle alcyon*)
Yellow-billed Cuckoo (*Coccyzus americanus*)
Eastern Phoebe (*Sayornis phoebe*)
Eastern Kingbird (*Tyrannus tyrannus*)
Palm Warbler (*Dendroica palmarum*)
Marsh Wren
Tree Swallow (*Tachycineta bicolor*)
Northern Rough-winged Swallow (*Stelgidopteryx serripennis*)
Red-winged Blackbird (*Agelaius phoeniceus*)

Marine (monitoring)

Atlantic Gulf Sturgeon (*Acipenser oxyrhynchus*)
Atlantic Loggerhead Turtle (*Caretta caretta*)
Kemp Ridley Turtle (*Lepidochelys kemp*)
Green Turtle (*Chelonia mydas*)
Leatherback Turtle (*Dermochelys coriacea*)
Black Drum (*Pogonias cromis*)
Red Drum (*Sciaenops ocellatus*)
Summer Flounder (*Paralichthys dentatus*)
Southern Flounder (*Paralichthys lethostigma*)
Spanish Mackerel (*Scomberomorus maculatus*)

Gray Snapper (*Lutjanus griseus*)
Gag Grouper (*Mycteroperca microlepis*)
Sheepshead (*Archosargus probatocephalus*)
Sand Seatrout (*Cynoscion arenarius*)
Spotted Seatrout (*Cynoscion nebulosus*)
Blue Crab (*Callinectes sapidus*)
Stone Crab (*Menippe mercenaria*).

Freshwater (Pictures)

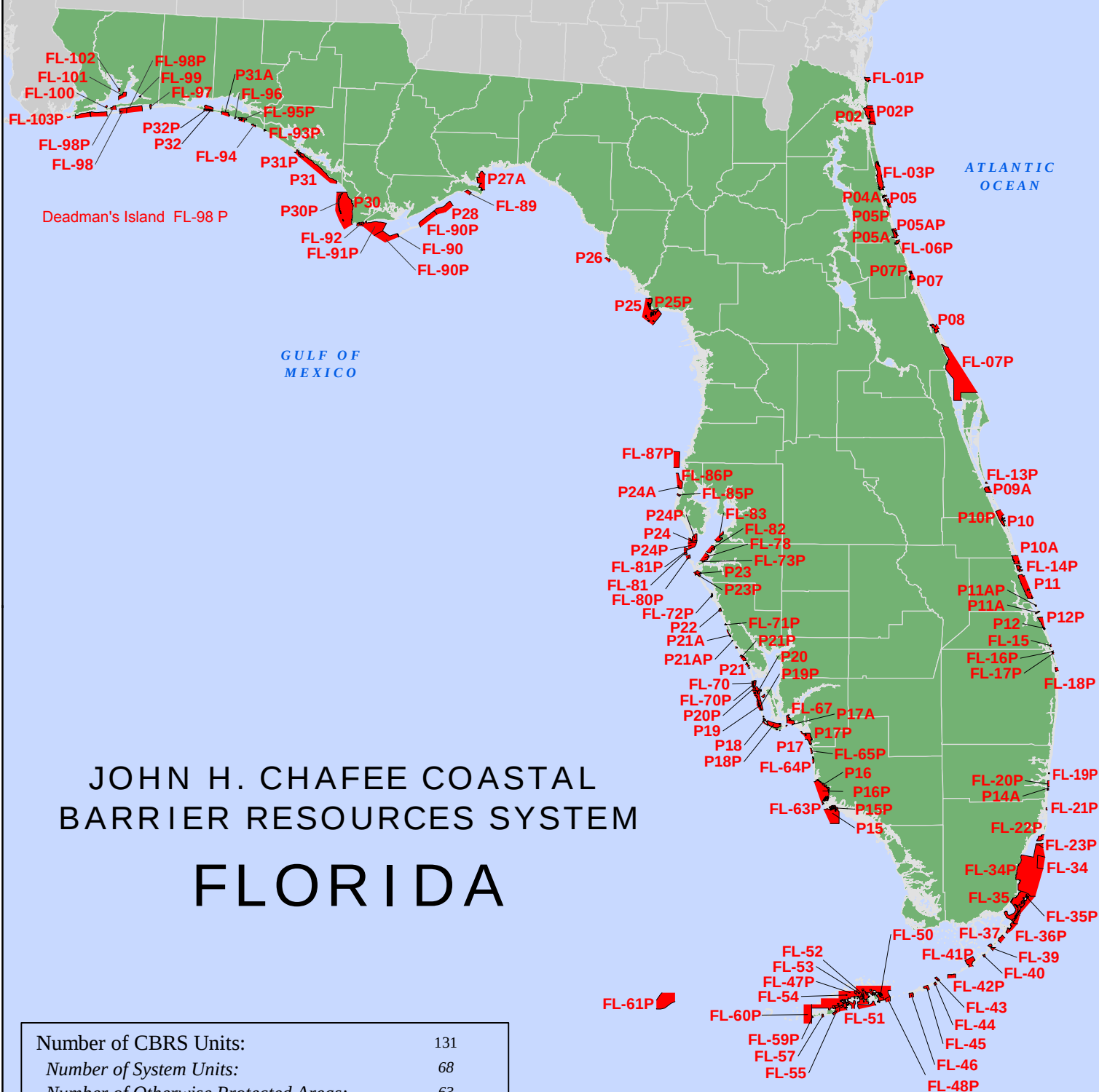
Gilmore Bayou- American Alligator (*Alligator mississippiensis*)

Terrestrial (Pictures and documented)

Black Bear

Red Fox (*Vulpes vulpes*)

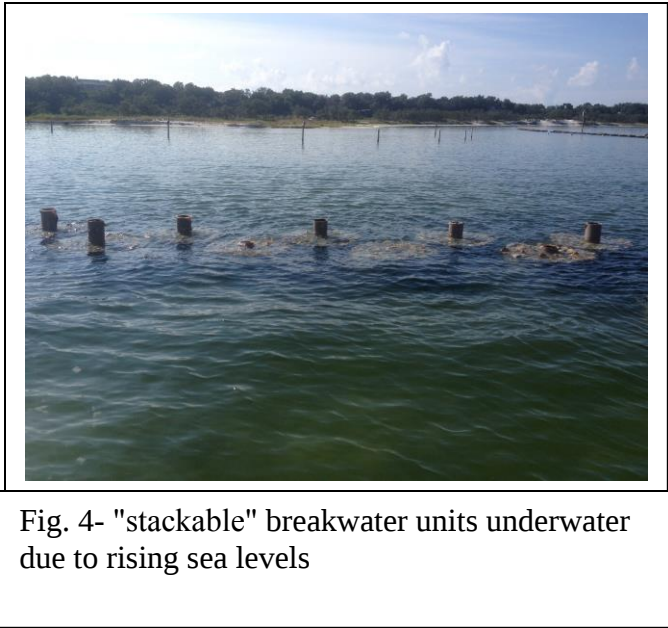
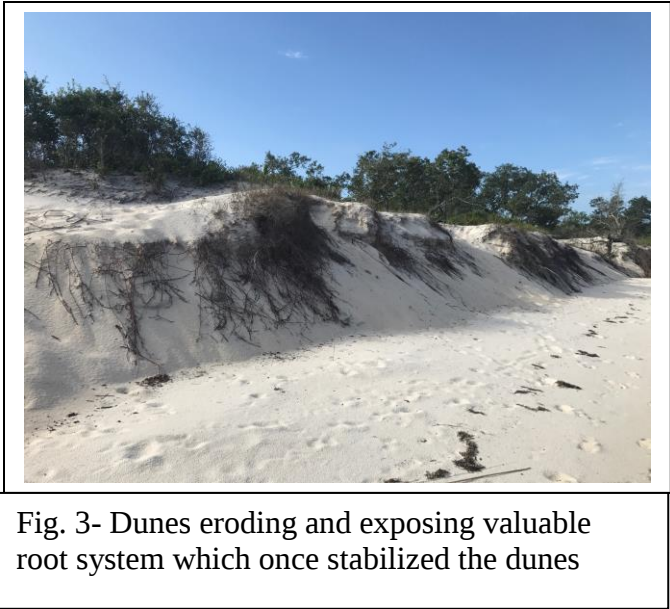
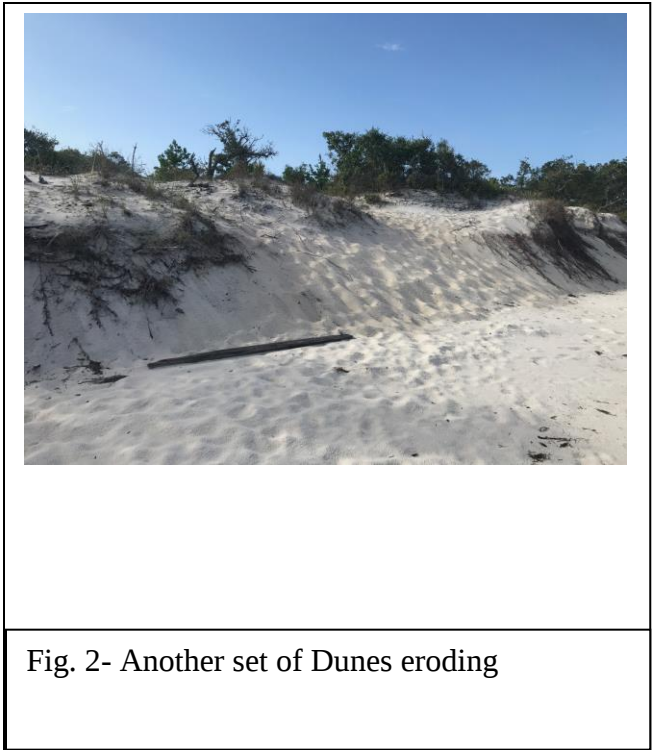
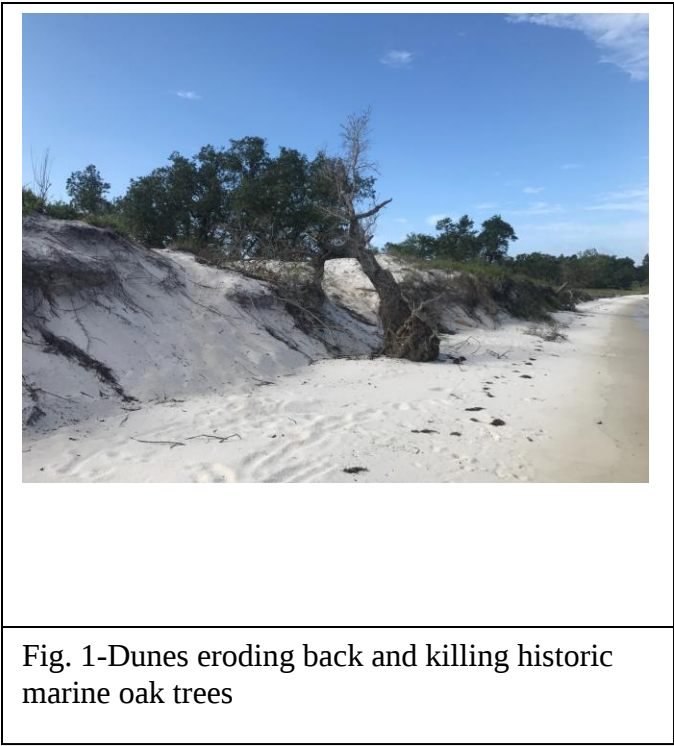
Coyote- (*Canis latrans*)



Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area. CBRS units are depicted on this map (in red) for informational purposes only. The official CBRS maps are maintained by the U.S. Fish and Wildlife Service and are available for download at <http://www.fws.gov/CBRA/index.html>.

Map Date: March 14, 2016





Deadman's Island

Phase III West Section

Legend

Additional top unit added to existing breakwater to increase height

Dune Restoration

Breakwater

Dune restoration/sand transport

Breakwater

Dune Restoration





Figure 1: Community and Coastal Resilience- Hurricane Protection



Figure 2: The footprint of proposed Dune restoration (blue) and Fish and Oyster habitat breakwater top units to be placed (red) and current fill location (brown) present at Deadman's Island. The red polygons within the blue shade represent north section of the historic dunes to be rebuilt.

Table C.2: Potential action list for Pensacola watershed.

Portal Project Number	Project Title	Funding Priority # 1										Funding Priority # 2					Funding Priority # 3										Scope						
		Habitat restoration/protection - exotic/invasive vegetation	Habitat restoration/protection - general	Habitat restoration/protection - land acquisition	Habitat restoration/protection - prescribed fire	Habitat restoration/protection (beach/shoreline)	Habitat restoration/protection (forest/upland)	Habitat restoration/protection (marsh/wetland)	Habitat restoration/protection (offshore/marine)	Habitat restoration/protection (reef/living shoreline)	Habitat restoration/protection (vegetation-aquatic)	Habitat restoration/protection (vegetation-terrestrial)	Resiliency (coastal/ecosystem)	Hydrologic restoration	Water quality - general	Water quality - agriculture/silviculture	Water quality - erosion/sedimentation	Water quality - stormwater/wastewater	Water quality/quantity - land conservation/acquisition	Water quantity - water conservation	Birds - restoration/protection	Birds - sustainable harvest	Crabs - sustainable harvest	Fish - restoration/protection	Fish - sustainable harvest	Mammals - restoration/protection		Marine mammals - restoration/protection	Multi-species - exotic/invasive animal species management	Multi-species - restoration/protection	Shellfish - restoration/protection	Shellfish - sustainable harvest	Shrimp - sustainable harvest
886	Additional Living Shoreline and Oyster Habitat Restoration	✓					✓		✓	✓				✓			✓							✓									
907	Stormwater Retrofit Projects													✓			✓																
908	Stormwater Retrofit Projects													✓			✓																Multi-watershed
910	Stormwater Retrofit Projects													✓			✓																
912	Stormwater Retrofit Projects													✓			✓																
914	Stormwater Retrofit Projects													✓			✓																
918	Julian Mill Tributary Stabilization	✓												✓		✓									✓								
951	Expand and Enhance Florida Gulf Habitat Mapping																							✓									Statewide
952	Expand and Enhance Florida Gulf Fishery-Independent Monitoring																							✓									Statewide
956	The Deadman's Island Restoration Project - Oyster and Fish Habitat Breakwater, Wetland Creation, and Seagrass Expansion Project West end	X	X		X		X		X	X	X	X		X		X	X			X			X					X		X		X	Additional categories
959	Naval Air Station Pensacola and Escambia County Living Shoreline Project	✓					✓		✓	✓				✓							✓		✓	✓	✓			✓		✓			

top funding priorities other funding priorities



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Portal Project Number	Project Title	Funding Priority # 1										Funding Priority # 2						Funding Priority # 3										Scope						
		Habitat restoration/protection – exotic/invasive vegetation	Habitat restoration/protection – general	Habitat restoration/protection – land acquisition	Habitat restoration/protection – prescribed fire	Habitat restoration/protection (beach/shoreline)	Habitat restoration/protection (forest/upland)	Habitat restoration/protection (marsh/wetland)	Habitat restoration/protection (offshore/marine)	Habitat restoration/protection (reef/living shoreline)	Habitat restoration/protection (vegetation-aquatic)	Habitat restoration/protection (vegetation-terrestrial)	Resilient (coastal) ecosystem	Hydrologic restoration	Water quality – general	Water quality – agriculture/silviculture	Water quality – erosion/sedimentation	Water quality – stormwater/wastewater	Water quality/quantity – land conservation/acquisition	Water quantity – water conservation	Birds – restoration/protection	Birds – sustainable harvest	Crabs – sustainable harvest	Fish – restoration/protection	Fish – sustainable harvest	Mammals – restoration/protection	Marine mammals – restoration/protection		Multi-species – exotic/invasive animal species management	Multi-species – restoration/protection	Shellfish – restoration/protection	Shellfish – sustainable harvest	Shrimp – sustainable harvest	Turtles – restoration/protection
333	SR-12 Yellow River Marsh Aquatic Preserve Shoreline Stabilization and Restoration		☑				☑																											
335	SR-17 Navarre Beach Park Coastal Access, Restoration and Resource Conservation Project		☑			☑				☑																			☑				☑	
336	SR-18 Deadman's Island Oyster Reef Habitat Breakwater and Living Shoreline		☑			☑			☑		☑										☑			☑				☑		☑				Duplicate
339	O-2 Okaloosa Island Dune Restoration		☑			☑					☑																							Multi-watershed
341	O-4 Fort Walton Beach Shorewalk – Habitat Restoration and Education		☑			☑			☑		☑										☑							☑		☑				Multi-watershed
344	O-12 Gary Smith Honda Stormwater Retrofit														☑		☑																	Multi-watershed
348	O-16 West County Regional Stormwater Retrofit														☑		☑																	
427	Stormwater Retrofit Projects														☑		☑																	
429	Stormwater Retrofit Projects														☑		☑																	
434	Julian Mill Tributary Stabilization		☑									☑		☑			☑																	

☑ top funding priorities

☐ other funding priorities

