

Year 2008 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Acquisition of the Kaufman and Young Indian River Lagoon National Estuary Program Impoundments	Protection/Maintenance	The property is located within the Indian River Lagoon National Estuary Program basin and within the Indian River Lagoon National Estuary Program Blueway Florida Forever Project boundary. The acquisition of this property will provide protection to the Indian River Lagoon National Estuary Program, preservation of wetland habitat and allow continued management of the mosquito impoundment located on the property	Tidal Wetland	41.88	0
Allapattah Ranch Acquisitions	Protection/Maintenance	Acquisition of lands for the construction of stormwater retention ponds and the re-establishment of wetlands to provide attenuation of stormwater prior to discharge to the Indian River Lagoon National Estuary Program.	Forested Wetland	553	0
Bob Graham Beach/ Beachwalk Exotic Removal	Reestablishment	This project removed Australian Pine and Brazilian Pepper from the eastern shoreline of the Indian River Lagoon National Estuary Program on Hutchinson Island in Martin County.	Barrier Island	50	0
Bottle Island Dragline Ditch Restoration	Reestablishment	This project reduced the elevation of this previously isolated impoundment to the mean high water line allowing restoration of the natural hydrological exchange.	Tidal Wetland	30	0
Boyd Property Acquisition	Protection/Maintenance	Purchase of this salt marsh on Merritt Island will extend the borders of the Ulumay Wildlife Sanctuary that is adjacent to the Banana River in central Brevard County. The property is sited in a highly urbanized setting.	Tidal Wetland	148	0
C-21-B Impoundment Reconnection	Reestablishment	Culverts will be installed to connect mosquito impoundment C-21-B to the Banana River. The levee impounds over 60 acres of wetland swales. Historically these swales were open water and directly connected to Banana River. Over time the open water swales succeeded to fresh water marshes and swamps dominated by cattail and willow. Reconnecting these swales to Banana River will reestablish a saltwater source and revert the swales to salt marsh.	Tidal Wetland	60	0
C-8 Impoundment and Dragline Ditch Restoration	Reestablishment	Project implementation includes reducing the elevation of mosquito control dikes and spoil on this island to allow for natural hydrological exchange between the site wetlands and Mosquito Lagoon.	Tidal Wetland	21	0
C-8 Impoundment and Dragline Ditch Restoration	Reestablishment	The C-8 impoundment project reduced the level of dikes, berms and spoil created by dragline ditching restoring the historical hydrological exchange between the impounded wetlands and Mosquito Lagoon.	Tidal Wetland	91	0
C-8 Impoundment and Dragline Ditch Restoration	Reestablishment	Dikes surrounding this impoundment have been scrapped down to a natural elevation in order to restore the historical hydrological exchange between the wetlands and Mosquito Lagoon.	Tidal Wetland	0	0
C-8 Impoundment and Dragline Ditch Restoration	Reestablishment	This project will lower the elevation of dikes and spoil left by dragline ditching within this saltmarsh impoundment. Implementation of this project will restore the natural hydrological exchange to the area.	Tidal Wetland	91	0
Chain of Lakes Expansion	Protection/Maintenance	This project will add 17.74 acres to the current 318 acres within the Chain of Lakes Park. The additional parcel will be used for expansion of wetlands used for stormwater retention.	Forested Wetland	17.74	0
Coastal Hammock Restoration	Reestablishment	300 acres of citrus groves were abandoned in the '90's because the property was sold to the U.S. Fish and Wildlife Service. Pelican Island National Wildlife Refuge is now attempting to restore the property to historic habitat. Planting native trees and eliminating exotics will aid in coastal hammock restoration	Barrier Island	60	0
Crane Creek	Reestablishment	The Crane Creek dredging project will remove and dispose of	Soft	31	0

Dredging Project		muck from the bottom of Crane Creek improving the benthic environment and inhibiting the resuspension of muck in Crane Creek and the adjacent Indian River Lagoon National Estuary Program.	Bottom/mud		
DiChristopher Property Acquisition	Protection/Maintenance	Purchase of this property will extend the borders of the Ulumay Wildlife Sanctuary in central Brevard County. This property is located in a highly urbanized setting.	Tidal Wetland	147	0
Exotic Plant Removal From and Stabilization of Dredged Material Deposits within Pelican Island National Wildlife Refuge	Reestablishment	This project is a component of a multi-year effort to eradicate invasive plant species, reduce erosion and plant <i>Spartina alterniflora</i> on Nelsons Island, Pauls Island and Preachers Island within the Pelican Island National Wildlife Refuge.	Tidal Wetland	4	0
Gaizo Property Acquisition	Protection/Maintenance	Acquisition of these lands adjacent to the Indian River Lagoon National Estuary Program in Mims in north Brevard County will create a buffer zone between developed parcels and the Indian River Lagoon National Estuary Program.	Forested Wetland	19	0
Gomez Exotic Removal	Reestablishment	The objective of this project was to remove exotic vegetation from the uplands and wetlands that comprise the property located in Martin County.	Tidal Wetland	61	0
Halpatiokee Exotic Removal	Reestablishment	This project removed Australian Pine and Brazilian Pepper from property on the south fork of the St. Lucie River in Martin County.	Forested Wetland	350	0
Harmony Heights Stormwater Improvements - Phase I	Protection/Maintenance	Acquisition of land for the construction of stormwater management facilities that will dramatically reduce outfall of fresh water and stormwater pollutants into the Indian River Lagoon National Estuary Program.	Other	300	0
Harrison Street Property Acquisition	Protection/Maintenance	This property was purchased utilizing funds dedicated by the citizens of Titusville for ensuring public access to the Indian River Lagoon National Estuary Program. The property is on the west shore of the Indian River Lagoon National Estuary Program and will be developed as a passive park.	Forested Wetland	3	0
Indian River County Spoil Island IR 26	Reestablishment	Invasive vegetation was removed from this spoil island and the island re-planted with maritime hammock species. Camping areas and an interpretive trail were also developed on the island.	Tidal Wetland	2.75	0
Indian River Lagoon National Estuary Program South Restoration Project	Protection/Maintenance	Acquisition of lands for the construction of two reservoirs to capture water from drainage canals prior to discharge to the St. Lucie Estuary.	Forested Wetland	1,772	0
Indrio Blueway	Reestablishment	Improve habitat and water circulation in the interior of the saltmarsh by removing Australian Pine and Brazilian Pepper.	Tidal Wetland	105	0
Jensen Beach Impoundment Restoration	Reestablishment	This project removed Australian Pine and Brazilian Pepper invasive species and re-planted native vegetation along the shoreline of the impoundment.	Tidal Wetland	6	0
John Brooks Park Exotic/Hurricane Debris Removal and Native Planting	Reestablishment	Australian Pine and Brazilian Pepper were removed from John Brooks Park. The project is designed to allow for natural recruitment of native species. St. Lucie County will be monitoring the site to ensure the pine and pepper do not return.	Barrier Island	12	0
Lost Tree Island Invasive Vegetation Removal	Reestablishment	This project removed Brazilian Pepper from one of the islands in the Lost Tree Islands group. The project is included in the management plan for the islands. Native vegetation is projected to begin re-populating the island as part of the natural recruitment process.	Forested Wetland	20	0
Moore's Creek Linear Park	Reestablishment	This project involves creating more detention and water quality benefits by restoring the cross-section of Moore's Creek and revegetating it with native vegetation.	Other	9	0
Mosquito Lagoon	Reestablishment	Oyster reef restoration involving attaching oyster shells to a	Tidal	12	0

Oyster Restoration		mesh structure and deploying the mats on the margins of dead oyster reefs within Mosquito Lagoon. Volunteers have been used extensively for this project.	Wetland		
Non-native invasive plant removal in the southern Indian River Lagoon National Estuary Program	Reestablishment	Non-native invasive plant removal along the shoreline of the south Indian River Lagoon National Estuary Program and uplands adjacent to the Indian River Lagoon National Estuary Program in Martin and Palm Beach Counties.	Forested Wetland	110	0
North Sebastian Conservation Area Addition	Protection/Maintenance	The North Sebastian Conservation Area Addition property is located approximately 1.2 miles west of US Highway 1 in the City of Sebastian in Indian River County. The parcel is 134 acres and is adjacent to the North Sebastian Conservation Area that contains 407 acres. The primary purpose of the acquisition is to preserve and restore scrub and wetland habitat for the benefit of rare and endangered species. The property will also act as a buffer between development and the Sebastian River.	Forested Wetland	134	0
Palm City Exotic Removal	Reestablishment	Removal of Australian Pine and Brazilian Pepper from the parcel consisting of uplands and wetlands. Removal is allowing natural recruitment of native species.	Forested Wetland	28	0
Paradise Park Stormwater Management Improvements - Phase I	Protection/Maintenance	Acquisition of land for the construction of stormwater management facilities that will dramatically reduce outfall of fresh water and stormwater pollutants into the Indian River Lagoon National Estuary Program.	Other	168	0
Peck Lake Park Restoration Project	Reestablishment	This spoil island located in the Indian River Lagoon National Estuary Program in Martin County was removed of exotic vegetation and replanted with native red mangroves, black mangroves and buttonwood.	Tidal Wetland	68	0
Pendarvis Cove Exotic Removal	Reestablishment	The objective of this project was to remove Australian Pine and Brazilian Pepper from the shoreline of Pendarvis Cove along the west shore of the Indian River Lagoon National Estuary Program in Martin County.	Tidal Wetland	42	0
Pine Island Conservation Area: Exotic Plant Maintenance	Reestablishment	Australian Pine and Brazilian Pepper were removed from this parcel which is adjacent to the Indian River Lagoon National Estuary Program on the barrier island in north Brevard County.	Forested Wetland	180	0
Queens Island Park Exotic/Removal and Native Planting	Reestablishment	The goal of this project is to protect and restore Queens Island, the site of ecologically sensitive native uplands and wetlands by removing Australian Pine and Brazilian Pepper.	Tidal Wetland	40	0
Rio Del Sol and Kirk Point Land Acquisitions	Protection/Maintenance	This property was purchased through funds raised via a public referendum dedicated to ensuring public access to the Indian River Lagoon National Estuary Program. The property is located on the west shore of the Indian River Lagoon National Estuary Program in Titusville in north Brevard County.	Tidal Wetland	11	0
Santa Lucea Exotic Vegetation Removal	Reestablishment	Invasive vegetation was removed from the east shore of the Indian River Lagoon National Estuary Program in Martin County allowing the recruitment of native vegetation.	Barrier Island	5	0
Scotsmoor AG Acquisition	Protection/Maintenance	Acquisition of 1,532 acres of environmentally sensitive land in Brevard County. In addition to the existing biodiversity on the land, it is also an east-west corridor connecting other conservation lands.	Forested Wetland	1,522	0
Sebastian Inlet Vegetation Project	Reestablishment	Mature red mangroves were planted adjacent to the Sebastian Inlet State Park along the shoreline of the existing mosquito impoundments.	Tidal Wetland	10	0
Sebastian River Muck Dredging	Reestablishment	This dredging project will remove 1.85 million cubic yards of muck from the Sebastian River. Muck deposits are easily disturbed resulting in nutrient suspension and turbidity in the Sebastian River and Indian River Lagoon National Estuary Program.	Soft Bottom/mud	182	0
T-39 Impoundment	Reestablishment	This project will remove the levee and deposit the material in	Tidal	94	0

Restoration		the adjacent borrow ditch to restore the levee and ditch to the adjacent marsh elevation. Open water inlets will be constructed to restore and augment tidal connectivity.	Wetland		
Taylor Creek Dredging Project - Phase III - Bank Stabilization	Reestablishment	This project involves restoring the banks of the waterway by removing exotic vegetation and stabilizing the banks with rock rip-rap.	Other	10	0
Twin Rivers Exotic Removal	Reestablishment	Invasive vegetation was removed from this Indian River Lagoon National Estuary Program spoil island in Martin County allowing recruitment of native species. This project is expected to result in natural erosion control without the use of armoring techniques.	Tidal Wetland	8	0
U.S. Fish and Wildlife Service Bonair Beach Project	Reestablishment	The project removed Australian Pine and Brazilian Pepper from 50 acres of uplands and wetlands within the Hobe Sound National Wildlife Refuge. It is projected that native vegetation will re-populate the area through natural recruitment.	Tidal Wetland	50	0
Volusia County Mosquito Lagoon Restoration Project	Reestablishment	This project planted 939 nursery grown red mangroves along the shoreline and surrounding islands in Mosquito Lagoon. Trash and debris were also removed from the planted shorelines.	Tidal Wetland	2	0
Total				6681.37	0.5