

# Waterways Plan for Martin & St. Lucie Counties

Waterways Forum #5:  
Recreational, Cultural & Educational Facilities  
in & along the Waterways

March 12, 2014

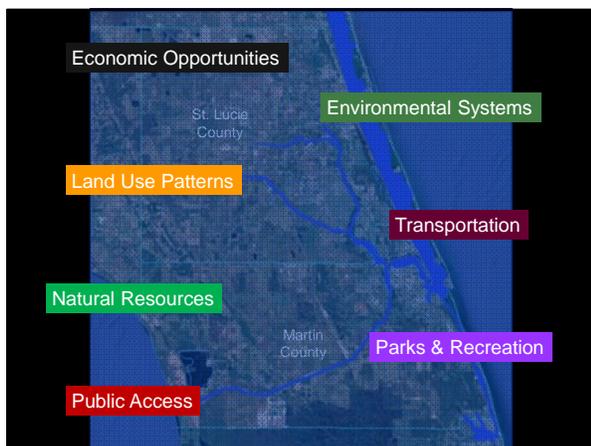
## Waterways Plan for Martin & St. Lucie Counties

**Kim DeLaney, Ph.D.**  
*Strategic Development Coordinator*

**Treasure Coast  
Regional Planning Council**

## Waterways Plan for Martin & St. Lucie Counties

**Overview  
& Project Approach**



### Waterways Educational Forums

1	Marine Transportation	December 19, 2013 Thursday (2-5 PM)	Indian Riverside Park Frances Langford Dockside Pavillion (2 <sup>nd</sup> Floor) 1707 NE Indian River Drive Jensen Beach, FL 34957
2	Land Use & Upland Transportation	January 8, 2014 Wednesday (2-5 PM)	Historic City Hall 315 Avenue A Fort Pierce, FL 34950
3	Regulation & Management of Waterways	January 29, 2014 Wednesday (2 PM)	Stuart City Hall 121 SW Flagler Avenue (City Commission Chambers) Stuart, FL 34994
4	Natural Resources	February 27, 2014 Thursday (2 PM)	Port St. Lucie Community Center 2195 S.E. Airoso Boulevard Port St. Lucie, FL 34984
5	Recreation/Cultural/Educational Activities	March 12, 2014 Wednesday (2 PM)	Port Salerno Community Center 4850 SE Ancher Avenue Stuart, FL 34997
6	Economic Development	April 25, 2014 Friday (9 AM)	Port St. Lucie Community Center 9221 S.E. Civic Center Place Port St. Lucie, FL 34952

\*Reserve dates, times & locations, confirmations pending

### Policy & Design Workshops

May 7 - 1 PM Wednesday	Port St. Lucie Civic Center (Port St. Lucie)
May 8 - 1 PM Thursday	Indian RiverSide Park (Jensen Beach)
May 9 - 1 PM Friday	River Walk Center (Fort Pierce)

## Waterways Plan for Martin & St. Lucie Counties

# Project Schedule

## Project Schedule

WATERWAYS PLAN FOR MARTIN & ST. LUCIE COUNTIES  
PROPOSED PROJECT SCHEDULE

YEAR	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Watershed Educational Forays (in all)												
Public Meetings												
Final Report												

Hobe Sound National Wildlife Refuge  
Treasure Coast Regional Planning Council  
March 11, 2014

U.S. Fish and Wildlife Service

### Florida

US Fish and Wildlife Service

### Refuge Quick Facts

Date Established: 1969

Two Tracts: Mainland and Jupiter Island

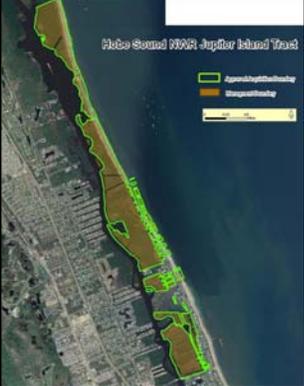
Service Lands: 1,035 acres

Listed Species: nearly 40

Federally Listed Species: 14

Species of Federal or State Management Concern: 27

US Fish and Wildlife Service



### Jupiter Island Tract

- +/- 735 acres

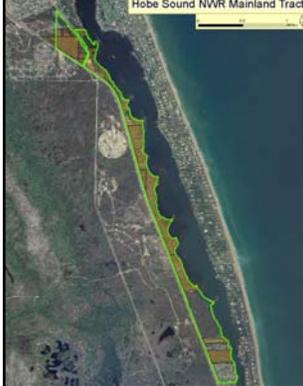
Primary Habitats:

- Mangroves
- Coastal hammock
- Beach and Dune

Focal Species:

- Sea turtles
- Shorebirds

US Fish and Wildlife Service



### Mainland Tract

- +/- 300 acres

Primary Habitats:

- Mangroves
- Coastal hammock
- Sand Pine Scrub

Focal Species:

- Gopher Tortoise
- Florida scrub-jay
- Lakela's mint

US Fish and Wildlife Service



### Refuge Purposes

**Primary Purpose:**  
 "...to conserve (A) fish or wildlife which are listed as endangered species or threatened species...or (B) plants..." (16USC1534, Endangered Species Act, 1973)

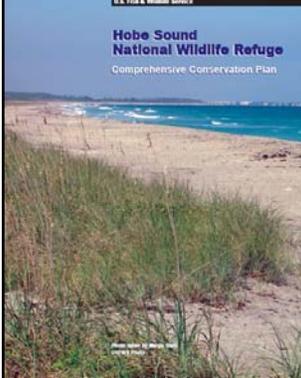
**Secondary Purposes:**  
 "...conservation, management, and restoration of the fish, wildlife, and plant resources and their habitats for the benefit of present and future generations of Americans..." (16USC668dd(a)(2), National Wildlife Refuge System Administration Act, 1966)

"...suitable for 1) incidental fish and wildlife recreational development, 2) protection of natural resources, 3) conservation of endangered or threatened species..." (16 USC 460k-1, Refuge Recreation Act of 1962)

"...for use as an inviolate sanctuary, or for any other management purpose, for migratory birds..." (16USC715D, Migratory Bird Conservation Act, 1929)

"...for the development, advancement, management, conservation, and protection of fish and wildlife resources (16USC742F(3)(4), Fish and Wildlife Act, 1956)

US Fish and Wildlife Service



### Comprehensive Conservation Plan

Completed 2006

Goal: Wildlife-dependent recreation and environmental education

- Provides opportunities for compatible wildlife-dependent recreation, including:
  - Recreational fishing
  - Wildlife observation and photography
  - Environmental education and interpretation

Objective: Develop curriculum focused on IRL biotic communities

US Fish and Wildlife Service





Total Nature Center visitors: 60,000

Total Outreach: 22,500

Total other visitation: 12,000

Total Jupiter Island Tract visitors: 70,000

US Fish and Wildlife Service



### Hobe Sound Nature Center

Established in 1973 by Mr. Jackson Burke and Mrs. Elizabeth Kirby

Over 30 year cooperative agreement with the Service

Service provides and maintains facility

HSNC provides on-site environmental education and awareness programs

US Fish and Wildlife Service



**Hobe Sound Nature Center  
Focal Areas**

- Adult education
- Children's presentations
- Family oriented events: Earth Day, Refuge week, Creepy Creature feature
- Visitor contact
- Sea turtle walks

US Fish and Wildlife Service



**Biggest Challenges**

- Refuge not waterways focused
- Lagoon access
- Funding and capacity
- Engaging non-traditional users
- Lack of a Lagoon partnership network

US Fish and Wildlife Service



**Opportunities**

Enhance Refuge IRL public use area through increased messaging

- Ecological functions of IRL
- Landscape scale value
- Cultural/Archeological Resources
- Exotic species
- Climate Change
- Listed species
- Geology

US Fish and Wildlife Service



**Opportunities**

Develop a Lagoon partnership group

- Partner driven
- Raises awareness
- Enables a focus on issues
- Increases communication throughout landscape

US Fish and Wildlife Service



**Opportunities**

Increase awareness of IRL recreational attributes

US Fish and Wildlife Service



US Fish and Wildlife Service



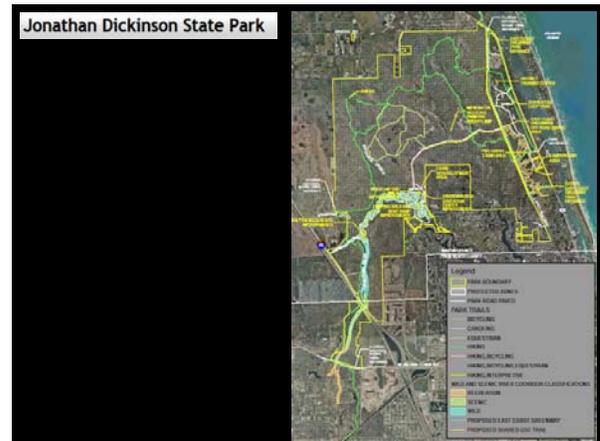
## Key Challenges

- \* Education About the Opportunities Available
- \* Pollution – Water Quality and Litter
- \* Expanding the Network

## Waterways Plan for Martin & St. Lucie Counties

**Mark Nelson**  
*Park Manager*

**Jonathan Dickinson**  
*State Park*

## Waterways Plan for Martin & St. Lucie Counties

**William Miller**  
*Refuge Manager*

**Hobe Sound**  
*National Wildlife Refuge*



## Waterways Plan for Martin & St. Lucie Counties

**John Lakich**  
*Park Manager*

**St. Lucie Inlet Park**  
*State Park*





Waterways Plan for Martin & St. Lucie Counties

**Alan Jenkinson**  
*Director*  
 U.S. Sailing Center



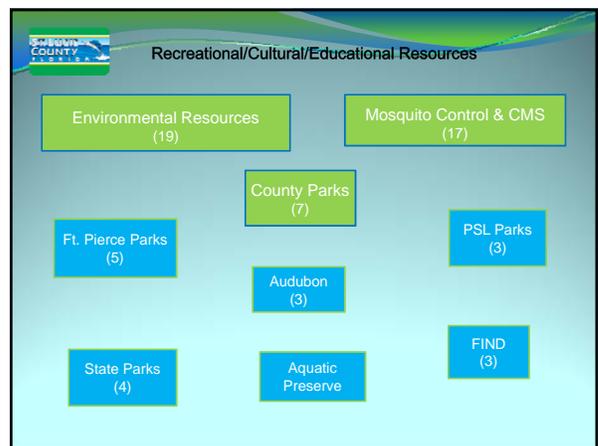

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**Ed Stout**  
*Owner*  
 South River Outfitters




Waterways Plan for Martin & St. Lucie Counties

**Steve Fousek**  
*Environmental Lands Coordinator*  
 St. Lucie County





Waterways Plan for Martin & St. Lucie Counties

**Dylan Gavagni**  
*Park Manager*

**Wren Underwood**  
*Park Services Specialist*

**Savannas Preserve State Park**




Waterways Plan for Martin & St. Lucie Counties

**Panel 2:**  
**Cultural & Educational Facilities**

Waterways Plan for Martin & St. Lucie Counties

**Nancy Turrell**  
*Executive Director*

**Arts Council of Martin County**




**Martin County's Art Scene**

Presented by  
**The Arts Council, Inc.**

*Providing advocacy and leadership that inspires participation in, and a passion for, the arts in our community.*

## Our Downtowns

*Centers of Cultural Activity – Along our Waterways*

- Stuart
- Hobe Sound
- Port Salerno
- Jensen Beach



## Public Art



Sailfish Splash Park Murals  
Artist: Julie Silk Beaumont

Stuart Beach – Mosaic Tile Mural Project  
Artist: Brenda Leigh  
Students from Jensen Beach High School

## EcoArt

- Where art, environment and community engagement meet
- Past Projects:
  - EcoArt Treasure Coast (2009-10)
  - SFHS EcoArt (2011)
  - Stuart Rec Center (2012)
- New: Poppleton Creek / City of Stuart Project - 2014



## The Arts Council, Inc.

*Invites you to pARTicipate in the ARTS!*  
*Become a Personal Member or Corporate Member/Sponsor.*

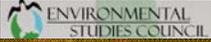


80 E. Ocean Boulevard  
Stuart, FL 34996  
772-287-6676  
772-288-5301 (fax)  
www.martinarts.org

## Waterways Plan for Martin & St. Lucie Counties

**Diane Pierce**  
*Administrator*

**Environmental Studies Center**




Waterways Plan for Martin & St. Lucie Counties

**Jann Widmayer**  
*Curator*

*Manatee Observation  
& Education Center*



<http://www.youtube.com/watch?v=oaIdqISDmvg>

Waterways Plan for Martin & St. Lucie Counties

**Panel Discussion  
& Questions**

Waterways Plan for Martin & St. Lucie Counties

**Next Forum:**

***Waterways Forum #6:  
Economic Development***

*Friday, April 25, 2014 (9 AM)*

***Port St. Lucie Community Center***  
*2195 S.E. Airosa Blvd. Port St. Lucie, FL 34984*

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**Next Steps**

U.S. Fish & Wildlife Service  
**Hobe Sound National Wildlife Refuge**

