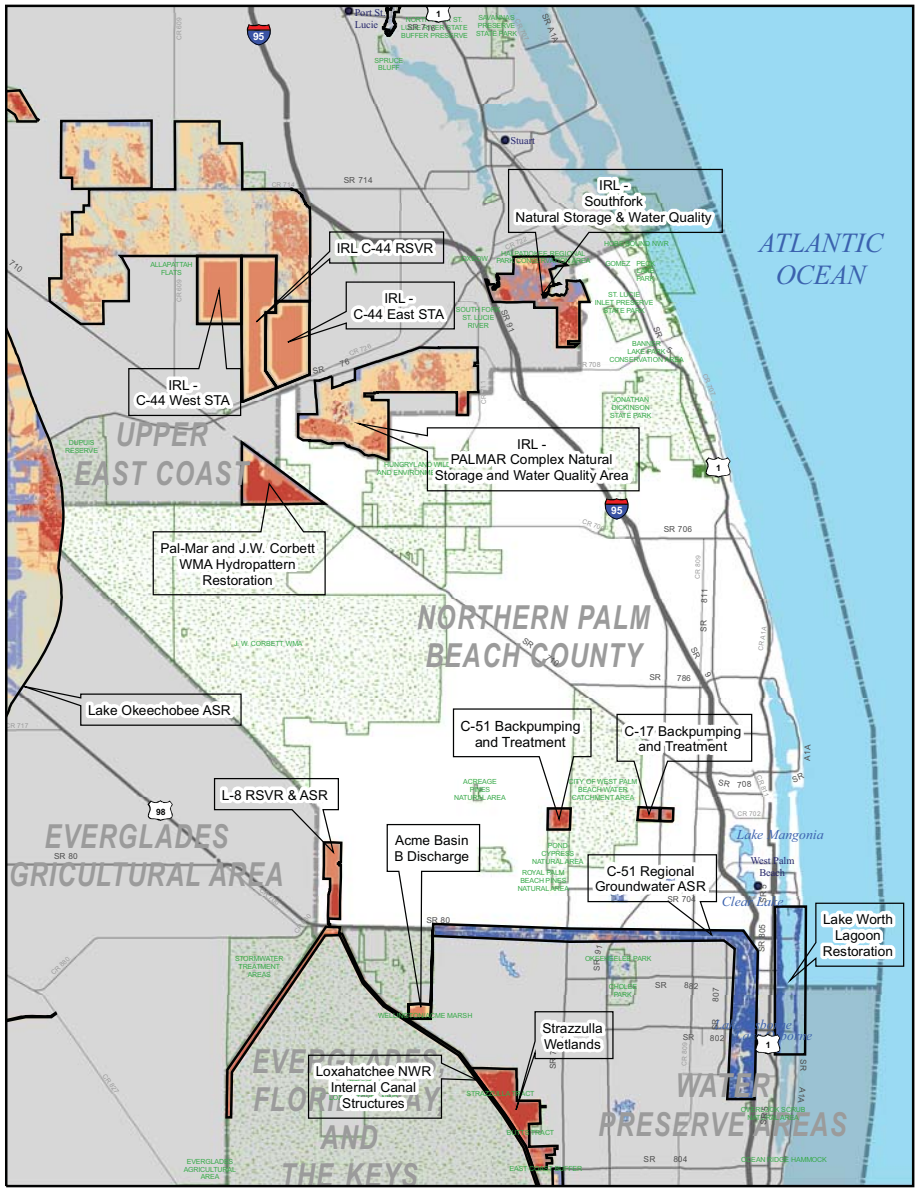

Hunting - Suitability Mapping on CERP Project Lands

In order to quantify the suitability of lands in South Florida for specific recreation purposes, The Corps of Engineers, South Florida Water Management District, and G.E.C., Inc. have conducted a weighted overlay spatial analysis of the region. CERP Project lands were measured for suitability for several types of resource-based recreation.

Modeling lands for hunting suitability focused on key terrestrial species such as deer, turkey, and waterfowl. The Corps of Engineers, South Florida Water Management District, and G.E.C., Inc. have developed criteria for project lands which will aid in selecting locations for hunting as a form of recreation.
The following diagram shows the criteria upon which the suitability map to the left was based, along with the weightings, or importance, of each criterion as a factor in measuring suitability.

Criteria →	Cover Types Favoring Game Habitat	+	Road Accessibility	+	Managed Areas - Hunting Permitted	+	SCORP Needs Analysis
Weighting →	55%		20%		15%		10%

Suitability Scoring Breakdown

Each criterion used to develop this suitability map was scored using a scale rating ranging from "unsuitable" to "highly suitable". Ratings were based on factors such as distance, land cover quality, and need. The following key can be used to explain how various factors were rated for this type of recreation.

HS Highly Suitable
MS Moderately Suitable
PS Poorly Suitable
US Unsuitable

CRITERION: Cover Types Favoring Game Habitat

HS Cover type highly favors game
MS Cover type moderately favors game
PS Cover type has low favorability for game
US Cover type extremely low favorability for game

CRITERION: Road Accessibility

HS Over 0.25 mile from a road
US Within 0.25 mile of a road

CRITERION: Managed Area - Hunting Permitted

HS Area where hunting is permitted
US Other areas

CRITERION: SCORP Needs Analysis

HS Stated Need in SCORP
US No Stated Need

Suitability

High

Low

N

0 5 10 Miles

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SUITABILITY COMPOSITE MAP WITH PROJECT

Hunting - Northern Palm Beach County