



## Florida Forever Project Evaluation Comparative Analysis

November 2011

This report is produced annually by the Florida Natural Areas Inventory to provide scientific support to the Acquisition and Restoration Council (ARC) in advance of their vote on Florida Forever land acquisition projects. The *Comparative Analysis* provides a concise overview of the natural resource values of each existing and proposed Florida Forever project. A Single Resource Evaluation is provided for each of eleven resource types outlined in the Florida Forever Act. The F-TRAC 2020 Scenarios show which projects offer the greatest return in resource protection given the estimated acreage likely to be acquired by Florida Forever. As resources are acquired statewide, the protection needs of remaining resources change. The F-TRAC analysis is dynamic in that it identifies the places that best meet those changing protection needs in each evaluation cycle. Complete documentation as well as other formats of the *Comparative Analysis* may be downloaded from the FNAI website ([www.fnai.org/FIForever.cfm](http://www.fnai.org/FIForever.cfm)).

### Data and Methodology Updates

This evaluation is based on Version 3.32 of the Florida Forever Conservation Needs Assessment data layers. The Florida Forever Technical Expert Advisory Group met in December 2009, October 2010, and November 2011 to review data and methods that contribute to this report. Based on their recommendations, several data and methodology updates have occurred since the previous *Comparative Analysis* in November 2010:

- 1) Data Updates: Sustainable Forestry, Natural Communities, Wetlands (see FFCNA Technical Report v3.32)
- 2) New Data Development: Climate Change – Sea Level Rise Mitigation (see FF Decision Support Data Documentation). The scores indicate the potential for a project to provide an inland refuge/corridor for existing conservation lands or natural areas likely to be inundated at 1 meter of sea level rise.
- 3) Revised Single Resource Evaluation Methods: Landscapes; Population within 100 miles (see Single Resource Evaluation Documentation)
- 4) Revised F-TRAC Methods: Inclusion of Ecological Greenways Critical Linkages; Adjustment of input parameters for natural communities and species. (see F-TRAC Documentation)

More detailed description of these changes may be found in the reports referenced above which may be downloaded from the FNAI website ([www.fnai.org/FIForever](http://www.fnai.org/FIForever)). Note: Report updates will be available by December 1, 2011.

### Acreage Threshold

Based on estimates of Board of Trustees (BOT) and other agency Florida Forever acquisitions, approximately 826,200 acres are expected to be acquired on FFBOT projects through the 20-year extent of the Florida Forever program. The estimated acreage likely to be acquired during the remaining life of the program (through FY 2020-21, assuming full funding) is approximately **473,700 acres**. This acreage threshold was used as the amount of land to be identified by the current F-TRAC 2020 Scenarios.

### F-TRAC 2020 Statewide Scenario

This F-TRAC scenario is a statewide analysis to determine the best places to acquire resources. This score is useful for viewing projects in a statewide context and might best be used to help determine if new proposals should be added to the list or existing projects should be removed.

### F-TRAC 2020 on Florida Forever Projects

This scenario evaluates only within existing and proposed Florida Forever-BOT projects for the best places to acquire resources. That is, the 473,700 acres likely to be acquired by Florida Forever-BOT is allocated completely within the remaining acres of projects. This score compares projects relative to each other, essentially grading projects on a curve, rather than providing information about the larger statewide context. Each project's score may change based on number, size, or resource value of other projects on the list. This score might best be used to help inform project ranking.

**The information contained in this report is in no way intended to substitute for the informed judgment of expert decision makers. This report is a tool to guide decision-making, not a final conservation plan that must be followed. Nevertheless, this report provides sound direction for the program, and decisions made to the contrary should be justifiable.**

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**NOTE:** This table evaluates ONLY the remaining acres of projects according to the numerical performance measures listed. Other considerations such as willing sellers, active negotiations, completing projects, development threat, etc., are always part of any decision regarding project status. Please note that all values are assigned based on F-TRAC and single resource analyses without regard to Acquisition Categories.

Category*	Remaining Project Acres	Percent Complete	Project Name	Resources included in F-TRAC 2020 Scenarios										Resources and other Measures not included in F-TRAC 2020 Scenarios				
				F-TRAC 2020 Statewide	F-TRAC 2020 on FL Forever Projects	Species	Communities	Surface Waters	Wetlands	Forestry	Aquifer Recharge	Landscapes	Archaeological	Historic	Trails Network	FL Natl Scenic Trail corridor	Population w/in 100 mi	Climate Change Sea Level Rise
CNL	11,214	40%	Apalachicola River	4	5	5	2	5	3	2	2	2	4	2	4	1	1	
CNL	100,424	0%	Bear Creek Forest	2	1	3	2	3	2	5	2	5	2	1	2	x	2	1
CNL	4,680	0%	Bear Hammock	1	3	3	2	2	2	4	5	3	3	2	2		4	1
CNL	7,336	74%	Belle Meade	2	5	5	2	3	4	2	2	3	2	1	1		3	3
CNL	32,717	31%	Bombing Range Ridge	5	3	4	4	3	2	3	3	5	2	2	4	x	5	1
CNL	13,515	27%	Caloosahatchee Ecoscape	3	4	5	2	4	2	2	2	4	2	1	2		4	1
CNL	33,973	0%	Camp Blanding to Raiford Greenway	1	3	2	2	2	2	4	1	5	2	1	1		2	1
CNL	82,994	0%	Devil's Garden	3	5	4	1	3	2	1	2	5	2	1	1	x	4	1
CNL	66,302	29%	Etoniah/Cross Florida Greenway	2	2	3	2	3	2	4	3	5	3	2	5	x	4	2
CNL	11,176	0%	Half Circle L Ranch	3	2	4	2	2	3	2	2	4	3	1	1		4	1
CNL	22,429	8%	Hixtown Swamp	1	3	1	1	2	3	2	3	3	3	3	2		2	1
CNL	1,887	31%	Ichetucknee Trace	1	2	2	1	1	1	1	4	2	2	2	1		2	1
CNL	34,589	4%	Kissimmee-St. Johns River Connector	4	1	3	2	3	2	2	3	5	3	2	2		4	1
CNL	5,416	1%	Lake Hatchineha Watershed	1	4	3	3	3	2	2	2	3	2	2	1	x	4	1
CNL	24,237	59%	Lake Wales Ridge Ecosystem	3	2	4	4	3	2	2	3	4	2	1	1		5	1
CNL	9,693	55%	Longleaf Pine Ecosystem	2	2	2	5	1	2	3	5	4	2	2	1		4	1
CNL	27,572	41%	Osceola Pine Savannas	3	2	3	2	3	2	2	3	5	2	2	2	x	4	1
CNL	40,634	37%	Panther Glades	3	1	5	1	3	2	2	2	5	3	2	1		4	3
CNL	2,412	65%	Perdido Pitcher Plant Prairie	2	3	1	3	3	4	3	2	2	2	1	1		1	2
CNL	48,902	0%	Pine Island Slough Ecosystem	4	1	3	3	3	2	2	3	4	3	2	2		4	1
CNL	60,420	67%	Pinhook Swamp	3	2	3	1	2	2	4	3	4	3	2	2	x	2	1
CNL	44,998	0%	San Pedro Bay	1	1	3	1	2	3	4	3	4	2	1	5	x	2	1
CNL	2,095	0%	Shoal River Buffer	1	3	3	4	3	5	1	1	2	2	2	1		1	1
CNL	11,651	0%	South Goethe	4	2	2	3	2	2	4	4	4	3	1	1		4	1
CNL	591	0%	Southeastern Bat Maternity Caves	1	3	5	2	1	3	1	3	1	3	1	1		5	1
CNL	7,997	0%	Triple Diamond	5	2	4	4	3	3	1	2	2	2	1	1		4	1
CNL	8,170	49%	Twelvemile Slough	4	5	5	1	3	2	2	1	4	3	1	1		4	1
CNL	12,027	0%	Upper Shoal River	2	2	2	2	3	2	5	1	2	3	1	1		2	1
CNL	11,025	24%	Upper St. Marks River Corridor	1	3	3	1	4	3	3	4	3	4	2	2		1	1
CNL	9,897	61%	Wacissa/Aucilla River Sinks	3	5	3	1	3	3	3	3	2	5	2	2	x	2	2
CNL	25,488	69%	Wekiva-Ocala Greenway	2	1	3	3	4	3	2	3	3	3	3	2	x	4	2
CNL	10,068	0%	Wolfe Creek Forest	2	2	2	1	3	1	4	1	3	2	1	4		1	1
CHR	853	0%	Battle of Wahoo Swamp	1	1	3	1	3	4	1	3	2	5	1	1		4	1
CHR	89	62%	Okeechobee Battlefield	1	2	2	1	1	1	1	1	1	5	1	1		4	1
CHR	561	1%	Pierce Mound Complex	2	1	2	2	1	4	1	1	1	5	2	1		1	3
CHR	148	30%	Pineland Site Complex	1	2	2	1	1	2	1	1	1	5	3	1		2	2
CHR	56	12%	Three Chimneys	1	1	1	1	1	2	1	2	1	5	1	1		3	1
CHR	8	0%	Windover Archaeological Site	1	2	1	1	1	1	1	3	1	5	1	1		3	1
LTF	10,340	6%	Adams Ranch	5	4	4	3	2	2	1	3	4	3	2	1		4	1
LTF	6,081	0%	Ayavalla Plantation	2	4	2	2	3	2	2	3	2	4	3	2		1	1
LTF	50,480	11%	Big Bend Swamp/Holopaw Ranch	3	2	3	3	2	3	2	2	5	2	1	3	x	4	1
LTF	2,460	0%	Clay Ranch	1	1	3	2	1	2	1	3	2	4	2	1		3	1
LTF	108,904	38%	Fisheating Creek Ecosystem	4	2	3	2	3	2	3	3	5	3	2	2	x	5	1
LTF	23,719	41%	Green Swamp - Peace River Headwaters	1	2	3	2	3	2	2	4	3	2	2	2		4	1
LTF	30,485	0%	Green Swamp - Pine Island Recharge Area	2	1	1	2	3	2	2	4	4	4	2	1		4	1
LTF	25,611	0%	Gulf Hammock	1	2	3	2	3	2	3	1	4	3	2	1		4	3
LTF	16,316	0%	Horse Creek Ranch	1	1	2	2	3	2	2	3	3	3	1	1		4	1
LTF	6,921	0%	Hostord Chapman's Rhododendron Prot. Zone	1	2	5	1	3	2	3	4	2	2	1	2		1	1
LTF	2,057	0%	Little River Conservation Area	1	5	1	1	1	3	3	1	2	3	1	1		1	1
LTF	2,356	69%	Lower Perdido River Buffer	1	1	1	2	3	3	3	1	2	3	1	1		1	1
LTF	46,461	0%	Lower Suwannee River and Gulf Watershed	2	4	2	2	2	3	4	3	4	3	1	5		2	3
LTF	7,187	0%	Maytown Flatwoods	3	2	2	3	2	4	4	3	4	2	2	1		3	1
LTF	12,293	0%	Mill Creek	1	1	2	1	2	3	3	3	3	2	1	1		3	1
LTF	56	58%	Millstone Plantation	1	4	1	1	1	1	1	3	1	3	3	1		1	1
LTF	11,239	40%	Myakka Ranchlands	1	3	2	2	3	2	2	2	3	3	2	2		3	1
LTF	3,269	25%	Ochlockonee River Conservation Area	1	1	3	2	3	4	2	2	2	3	2	1		1	1
LTF	7,303	0%	Old Town Creek Watershed	1	2	3	2	2	2	2	3	4	2	2	1		4	1
LTF	3,846	0%	Peace River Refuge	2	4	2	1	3	3	1	2	3	4	2	2		4	1
LTF	67,673	0%	Raiford to Osceola Greenway	2	2	2	1	2	2	5	3	5	3	1	3	x	2	1
LTF	12,592	65%	Ranch Reserve	3	1	3	2	3	2	2	3	5	2	1	2		4	1
LTF	376	0%	San Felasco Conservation Corridor	1	3	2	1	1	1	1	3	1	3	1	1		2	1
LTF	23,869	8%	Seven Runs Creek	2	4	1	2	3	2	3	3	3	2	1	3	x	2	1
LTF	1,254	0%	Suwannee County Preservation	1	1	2	1	1	1	1	3	1	4	1	1		2	1
LTF	2,229	0%	Tiger Cattle Company Ranch	2	5	3	2	2	2	1	3	2	3	1	1		4	1
LTF	721	0%	West Aucilla River Buffer	1	2	2	1	1	1	1	3	2	4	1	1		1	1

\*CNL - Critical Natural Lands; CHR = Critical Historical Resources; LTF = Less-Than-Fee; PRI = Partnerships & Regional Incentives; CLC = Climate Change Lands  
 SC = Substantially Complete; TBR = To Be Removed

**There are more resources in Florida worthy of acquisition than can be acquired by the Florida Forever program.**

- According to DEP, about 826,200 acres are expected to be acquired on FFBOT projects through 2020 (assuming full funding). Of that total, about 352,500 acres have been acquired (July 2001 - Sep 2011).
- F-TRAC scores projects relative to the 473,700 remaining acres that are expected to be acquired on FFBOT projects.

**The F-TRAC 2020 Statewide scenario looks statewide for the best 473,700 acres of unprotected resources – not necessarily on current projects.**

- Projects are scored relative to the entire state. A project's score is not influenced by the number, size, or resource value of other projects on the FFBOT list.
- This scenario is useful for viewing projects in a statewide context, and can help inform decisions on adding or removing projects from the FFBOT list.

**The F-TRAC 2020 on FFBOT Projects scenario looks only at the list of existing and proposed projects for the best 473,700 acres of resources.**

- Projects are scored relative to one another – they are "graded on a curve". Each project's score may change based on the number, size, or resource value of other projects on the FFBOT list.
- This scenario is useful for comparing projects to each other, and can help inform decisions on project ranking.

Key	
5	Very High
4	High
3	Medium
2	Medium-Low
1	Low

Archaeological and Historic resource values were provided by the Florida Dept. of State, Division of Historical Resources.

Remaining acres and Percent Complete based on FNAI managed areas database and FF\_acquired database as of 30 September 2011.



**Florida Forever Project Evaluation Comparative Analysis, November 2011 (Continued)**

Category*	Remaining Project Acres	Percent Complete	Project Name	Resources included in F-TRAC 2020 Scenarios										Resources and other Measures not included in F-TRAC 2020 Scenarios				
				F-TRAC 2020 Statewide	F-TRAC 2020 on FL Forever Projects	Species	Communities	Surface Waters	Wetlands	Forestry	Aquifer Recharge	Landscapes	Archaeological	Historic	Trails Network	FL Mall Scenic Trail corridor	Population w/in 100 mi	Climate Change Sea Level Rise
PRI	12,540	49%	Annatteliga Hammock	3	4	2	4	2	2	3	5	5	3	3	2	x	4	3
PRI	8,043	43%	Atlantic Ridge Ecosystem	2	2	2	2	3	2	2	2	3	2	1	1		3	1
PRI	9,129	0%	Baldwin Bay/St. Marys River	2	3	1	2	3	3	3	1	2	2	2	1		2	1
PRI	23,160	43%	Brevard Coastal Scrub Ecosystem	3	4	2	3	3	2	2	3	2	2	1	4		4	2
PRI	305	76%	Carr Farm/Price's Scrub	1	1	2	2	1	1	1	3	1	3	4	1		3	1
PRI	9,162	53%	Catfish Creek	2	5	3	2	3	2	2	3	3	2	1	1	x	4	1
PRI	3,906	80%	Charlotte Harbor Flatwoods	1	2	2	3	3	3	5	3	3	2	1	1		3	2
PRI	3,416	34%	Clear Creek/Whiting Field	1	1	2	1	3	1	3	1	4	3	2	1		1	1
PRI	38,532	44%	Corkscrew Regional Ecosystem Watershed	3	1	5	2	2	4	2	2	5	2	2	2		4	3
PRI	12,371	0%	Crossbar/Al Bar Ranch	1	5	3	2	3	1	3	5	3	2	1	1		4	1
PRI	311	65%	Dade County Archipelago	5	3	3	4	1	1	1	3	1	3	1	1		3	2
PRI	1,798	40%	Escribano Point	2	2	3	3	3	5	1	1	2	5	2	1		1	5
PRI	4,082	2%	Flagler County Blueway	4	3	2	3	3	2	1	3	2	4	2	1		3	3
PRI	5,771	59%	Florida's First Magnitude Springs	3	4	2	2	3	2	3	4	2	4	2	1		5	2
PRI	7	91%	Florida National Scenic Trail	1	1	2	1	1	1	1	4	1	3	1	1	x	2	1
PRI	55,894	39%	Green Swamp - Hilochee Corridor	2	5	2	2	3	3	2	4	5	3	2	4	x	4	1
PRI	52,115	50%	Green Swamp - Withlacoochee River Headwaters	1	1	3	2	3	2	2	4	3	3	2	5	x	4	1
PRI	8,519	0%	Hall Ranch	1	2	2	3	3	2	5	2	3	2	1	1		3	1
PRI	19,549	2%	Heather Island/Ocklawaha River	1	1	3	2	3	2	4	2	3	3	1	4	x	4	1
PRI	19,847	27%	Indian River Lagoon Blueway	3	2	2	2	3	3	2	2	3	4	2	5		5	5
PRI	10,261	22%	Lafayette Forest	1	2	2	1	3	2	4	4	3	3	2	2		2	1
PRI	9,785	7%	Lake Santa Fe	1	1	2	1	3	2	3	3	3	3	2	2	x	3	1
PRI	11,877	15%	Middle Chipola River	2	1	4	1	3	2	2	2	2	4	2	1	x	2	1
PRI	87,481	40%	Northeast FL Timberlands & Watershed Res.	2	1	2	2	3	2	3	1	4	2	2	3		2	3
PRI	9,954	70%	Pal-Mar	2	1	2	3	3	4	2	3	3	2	2	4		4	1
PRI	10,850	55%	Pumpkin Hill Creek	2	5	2	2	4	3	2	1	3	3	1	1		2	5
PRI	1,138	2%	Rainbow River Corridor	2	1	2	2	1	2	1	4	2	4	2	1		4	1
PRI	14,495	57%	Sand Mountain	5	3	2	4	3	2	4	3	4	3	2	2	x	2	1
PRI	22,418	72%	Volusia Conservation Corridor	2	3	2	2	3	2	3	3	4	2	2	2		4	1
PRI	3,969	47%	Wakulla Springs Protection Zone	1	5	3	3	3	2	3	4	3	3	1	1		1	1
PRI	5,933	50%	Watermelon Pond	1	1	3	3	2	2	3	5	2	2	1	1		3	1
CCL	245	73%	Archie Carr Sea Turtle Refuge	5	5	2	4	1	2	1	1	1	3	1	1		3	2
CCL	7,804	0%	Caber Coastal Connector	3	2	4	2	3	4	2	2	5	4	1	1		3	5
CCL	1,641	51%	Coupon Bight/Key Deer	5	3	5	3	3	2	1	1	2	2	2	1		2	2
CCL	2,972	44%	Dickerson Bay/Bald Point	2	3	2	3	4	5	1	1	2	4	1	1		1	4
CCL	8,571	34%	Florida Keys Ecosystem	5	5	4	3	5	4	1	1	2	4	2	4		3	4
CCL	9,930	77%	Florida Springs Coastal Greenway	3	2	2	2	5	5	2	1	4	4	2	1		4	3
CCL	3,835	50%	Garcon Ecosystem	1	4	1	2	3	5	2	1	2	4	1	2		1	5
CCL	864	83%	North Key Largo Hammocks	5	2	3	4	4	4	1	1	2	4	2	1		3	2
CCL	13,118	54%	Northeast Florida Blueway	3	5	2	2	4	3	2	1	2	4	2	4		3	4
CCL	4,177	0%	Peaceful Horse Ranch	2	1	2	2	3	4	1	1	3	4	2	1		3	5
CCL	89,976	47%	St. Joe Timberland	3	1	3	2	4	3	3	2	4	3	2	3	x	2	4
CCL	26,212	6%	St. Johns River Blueway	2	1	2	2	3	2	3	2	3	3	2	2		3	5
CCL	2,474	42%	Terra Ceia	2	1	2	2	4	4	1	1	2	4	1	1		3	4
CCL	1,141	12%	Tiger/Little Tiger Island	1	4	3	2	4	5	1	1	2	4	1	1		2	2
CCL	4,494	0%	West Bay	2	2	2	1	4	3	3	2	2	3	1	1		2	4
SC	6,874	85%	Charlotte Harbor Estuary	2	2	2	2	4	3	2	1	3	4	2	2		3	3
SC	2,359	83%	Esterio Bay	3	2	2	2	4	5	1	1	2	4	2	1		2	3
SC	4,828	85%	Lochloosa Wildlife	1	1	2	1	4	3	2	3	3	3	3	1		3	1
SC	371	99%	Save Our Everglades	2	1	4	2	3	5	2	1	1	3	2	1	x	4	2
SC	3,243	86%	South Walton County Ecosystem	3	5	2	3	3	3	3	3	3	3	1	1		2	4
SC	449	84%	Spruce Creek	2	2	2	4	3	2	1	3	1	4	4	1		3	2

\*CNL - Critical Natural Lands; CHR = Critical Historical Resources; LTF = Less-Than-Fee; PRI = Partnerships & Regional Incentives; CLC = Climate Change Lands  
 SC = Substantially Complete; TBR = To Be Removed

Acreage Summary	
Category	Remaining Acres
Critical Natural Lands	786,529
Critical Historical Resources	1,716
Less-Than-Fee	486,097
Partnerships & Reg. Incentives	476,617
Climate Change Lands	177,453
Substantially Complete	18,124
<b>Total</b>	<b>1,946,536</b>

Key	
5	Very High
4	High
3	Medium
2	Medium-Low
1	Low

Archaeological and Historic resource values were provided by the Florida Dept. of State, Division of Historical Resources.  
 Remaining acres and Percent Complete based on FNAI managed areas database and FF\_acquired database as of 30 September 2011.

