Florida Forever

Project Ranking Support Analyses

Documentation

Florida Natural Areas Inventory

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FLORIDA
Natural Areas
INVENTORY

INTRODUCTION

When the Florida Forever program was established in 2000, the Florida Natural Areas Inventory (FNAI) worked with partners and experts to develop the Florida Forever Conservation Needs Assessment (FFCNA), a series of geographic natural resource data layers that correspond to specific measures outlined in the Florida Forever Act (FNAI 2021a). Each FFCNA data layer was designed to address a certain measure of the Act in order to ensure that the intent of the Act was being carried out in the identification and prioritization of natural resources for the Florida Forever program. This approach has the benefits of transparency and clarity of reporting progress in the acquisition of natural resources, but proved to be unsatisfactory for developing Florida Forever project evaluation analyses to support the Acquisition and Restoration Council (ARC) project ranking process. We found that since several measures in the Act involve functionally similar if not redundant resources, several FFCNA data layers should be combined into functional groupings for analysis. These groupings were developed as project ranking Decision Support data layers and are documented in this report (see Fig. 1).

The Decision Support data layers inform two primary evaluations of Florida Forever Projects: **Single Resource Evaluation** (SRE) and the **Florida Forever Tool for Efficient Resource Acquisition and Conservation** (F-TRAC). Single Resource Evaluations provide decision makers concise scores of acquisition projects based on functional resource groupings, such as Species, Communities, Surface Waters, etc. Projects are scored based on their contribution to that single resource only, without regard to other resource types. F-TRAC provides a single evaluation of projects across multiple resource types and is tied to the actual amount of acreage projected to be acquired by the Florida Forever program. Project scoring based on SRE and F-TRAC is reported in the Florida Forever Project Comparative Analysis table (commonly referred to as the “bubble sheet”).

In addition, the Florida Forever Act Reauthorization in 2008 added several additional criteria that should be factored into project evaluations. As part of our ongoing contract with the Florida Department of Environmental Protection (FDEP) to support Florida Forever, FNAI has begun scoring some of these additional criteria (see Fig. 1, bottom right). Methods for assessing those additional criteria are documented in this report as well.

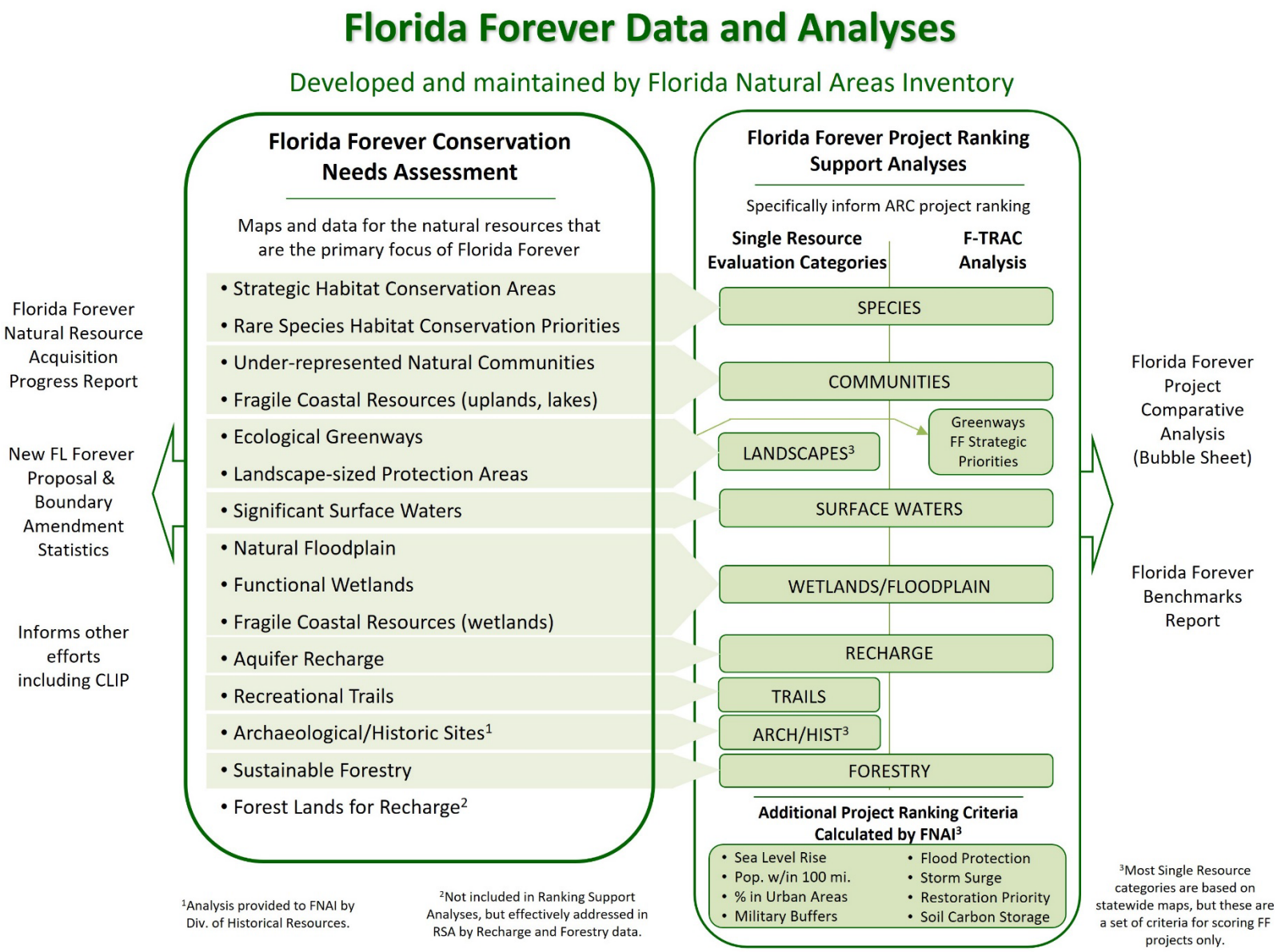

Figure 1. Relationships between Florida Forever data and analyses developed and maintained by Florida Natural Areas Inventory.

SINGLE RESOURCE EVALUATION

Standard Scoring Method

The Single Resource Evaluation (SRE) method evaluates how well a Florida Forever project protects a single resource, such as species or surface waters, relative to other projects on the list. The primary purpose of this analysis is to provide a straightforward method for comparing current and proposed land acquisition projects based on specific resource goals of the Florida Forever program. The results of the SRE appear in summarized form in the Florida Forever Project Comparative Analysis prepared annually for the FDEP and available on the FNAI website (www.fnai.org).

Most SRE project scores are based on a "weighted score" method. For the weighted score, we calculated acres of each project in the different priority classes of each resource type. These acres were then multiplied by a weight factor corresponding to the priority class. Finally, the weighted acres were summed, and the sum was divided by acres of the project to eliminate size bias. This method is illustrated in Table 1. The score represents the average resource value per acre on a project.

Table 1. Example of Weighted Score evaluation method.

		ACRES IN EACH PRIORITY CLASS						WEIGHTED ACRES (acres * weight factor)						
		HIGH				LOW		10	8	6	4	2		SCORE
Project Acres	FF PROJECT	PR 1	PR 2	PR 3	PR 4	PR 5		Acres *10	Acres *8	Acres *6	Acres *4	Acres *2	sum wtd acres	sum wtd acres/ project acres
1,342	Project A	0	74	0	165	0	→	0	592	0	660	0	1,252	**0.93**
36,162	Project B	0	0	10,305	200	0	→	0	0	61,830	800	0	62,630	**1.73**

Alternatives to the weighted score method were used for Landscapes, Trails Network, and Cultural Resources and are described below. Appendix A lists the current project scores and groupings for each resource type. For evaluations based on the weighted score method, the weight factor for each priority class is shown as well as minimum area thresholds where applicable (i.e., to get credit for protecting the resource, the project as a whole (not just remaining acres) must contain a minimum number of acres of that resource). Finally, we describe the criteria used to determine how well the projects meet each resource type (Appendix A).

Resource Category Descriptions

The following resource descriptions rely on knowledge of how some of the original Conservation Needs Assessment data layers were created. Please refer to the Conservation Needs Assessment Technical Report Version 4.6 (FNAI 2021a) for complete descriptions of the original data from which the decision support data (described below) are derived.

SPECIES

The current Species model is based on species information contained in the 2020 revised Strategic Habitat Conservation Areas (SHCA) as modified for the Florida Forever Conservation Needs Assessment (FNAI 2021a) and the FNAI Habitat Conservation Priorities (FNAIHAB) Version 4 data layers. The SHCAs identify areas of habitat that are essential to sustain a minimum viable population for focal species of terrestrial vertebrates that were not adequately protected on existing conservation lands. The SHCAs include habitat data for 62 terrestrial vertebrate species, primarily on private lands, and are prioritized into five priority classes based on rarity (FNAI State and Global ranks). The FNAIHAB layer was designed to identify areas important for species habitat based on both species rarity and species richness. FNAI mapped occurrence-based potential habitat for 281 species of plants, invertebrates, and vertebrates, including aquatic species. Twenty-eight species were included in both the final SHCA and FNAI habitat analyses. In order to minimize redundancy between these two layers we combined the data following a rules-based approach as shown in Table 2. See Appendix B for a map and acreage table for the Species Decision Support data layer.

Table 2. Priority classes for the species ranking support analysis.

Priority	Description
Priority 1	Priority 1 for SHCA or FNAI Habitat Conservation Priorities
Priority 2	Priority 2 for SHCA or FNAI Habitat Conservation Priorities
Priority 3	Priority 3 for FNAI Habitat Conservation Priorities
Priority 4	Priority 3 for SHCA or Priority 4 for FNAI Habitat Conservation Priorities
Priority 5	Priority 4 for SHCA or Priority 5 for FNAI Habitat Conservation Priorities
Priority 6	Priority 5 for SHCA or Priority 6 for FNAI Habitat Conservation Priorities

NATURAL COMMUNITIES

The natural community Decision Support data layer combines the natural community data from the under-represented ecosystems with fragile coastal resources– fragile coastal uplands and imperiled coastal lakes. (Note that coastal wetlands are included in the Wetlands Decision Support layer). All communities are mutually exclusive, e.g., coastal scrub is included with 'Scrub' but excluded from 'Coastal Uplands'. The global rank (i.e., imperilment status) of each natural community informs the single resource score. See Appendix B for a map and acreage table for the Natural Communities Decision Support layer.

LANDSCAPES

The Landscapes Decision Support data layer includes the Landscape Linkage layer (i.e., Florida Ecological Greenways Network as revised by Tom Hoctor in 2021) and a measure prioritizing projects for contribution to Large Landscapes. These datasets formerly were combined to create an overall Landscapes Decision Support layer; now, however, they are retained as separate layers but used in concert to provide a single resource evaluation of projects based on Landscapes.

Landscape Linkage: The Ecological Greenways Network was prioritized into 5 priority classes based on the following criteria:

1) Potential importance for maintaining or restoring populations of wide-ranging species (e.g., Florida black bear and Florida panther)
2) Importance for maintaining a statewide, connected reserve network from south Florida through the panhandle.
3) Other important landscape linkages that provide additional opportunities to maintain statewide connectivity especially in support of higher priority linkages.
4) Importance as a riparian corridor to protect water resources, provide functional habitat gradients, and to possibly provide connectivity to areas within other states.

Starting in 2021, UF Center for Landscape Conservation Planning (CLCP) and FNAI collaborated to develop FEGN Florida Forever Strategic Priorities (FFSP), to identify strategic corridors and a further breakdown of priority classes within FEGN Priorities 1-3, which collectively make up the Florida Wildlife Corridor (FNAI 2021b). Strategic corridors were identified as 1) critical linkage bottlenecks for black bear, panther, or indigo snake; and 2) coastal to inland migration opportunities. FEGN P1-3 is further divided into 14 Strategic Priorities as follows:

Strategic Priority	Criteria	Acres
FEGN P1 - SP1	- Strategic Corridor, FEGN P1, CostDist1	232,393
FEGN P1 - SP2	- Strategic Corridor, FEGN P1, CostDist2	199,479
FEGN P1 - SP3	- Strategic Corridor, FEGN P1, CostDist3	50,330
FEGN P1 - SP4	- FEGN P1, CostDist1 (outside strategic corridor)	1,282,960
FEGN P1 - SP5	- FEGN P1, CostDist2 (outside strategic corridor)	1,256,068
FEGN P1 - SP6	- FEGN P1, CostDist3 (outside strategic corridor)	398,370
FEGN P2 - SP7	- Strategic Corridor, FEGN P2, CostDist1	106,982
FEGN P2 - SP8	- Strategic Corridor, FEGN P2, CostDist2	229,509
FEGN P2 - SP9	- Strategic Corridor, FEGN P2, CostDist3	107,710
FEGN P2 - SP10	- Remaining FEGN P2	3,102,324
FEGN P3 - SP11	- Strategic Corridor, FEGN P3, CostDist1	23,493
FEGN P3 - SP12	- Strategic Corridor, FEGN P3, CostDist2	52,216
FEGN P3 - SP13	- Strategic Corridor, FEGN P3, CostDist3	47,737
FEGN P3 - SP14	- Remaining FEGN P3	1,005,994
FEGN P4	- all FEGN P4	1,724,513
FEGN P5	- all FEGN P5	3,734,136

Large Landscapes: The Florida Forever Act refers specifically to protection of Landscape-Sized Protection Areas, so the FFCNA measures that criterion only. For Single Resource Evaluation, projects are also scored for their contribution more generally toward Large Landscapes, as follows.

Since many Florida Forever projects are divided into multiple non-contiguous areas, particularly when evaluating only remaining (unacquired) project areas as done here, we needed to evaluate contiguous

sub-units of projects. We therefore developed Project Evaluation Units (PEUs) as the unit of analysis for this measure (PEUs are also used for the Sea Level Rise and Military Buffers measures). Project Evaluation Units consist of the remaining areas of Florida Forever projects, with FNAI's standard "water out" data layer removed. For each project, non-contiguous areas greater than 400 meters apart are split into separate PEUs for analysis. Note that individual PEUs do not include multiple projects, even if they are contiguous.

PEUs were compared to existing managed areas to determine their contribution to landscape-size protection. For this purpose, managed areas were grouped into Managed Area Complexes (MACs). The FNAI Florida Managed Areas (FLMA) layer was generalized, and state trails and open water areas (approximating sovereign submerged) were removed. The layer was processed to group the individual, non-contiguous parts of managed areas that are within 120 meters of each other into MACS. Each contiguous region is a separate Managed Area Complex (unlike PEUs, a MAC can contain multiple different managed areas).

Each PEU was scored based on the largest MAC it was contiguous with. PEUs were scored based on three criteria: Size of MAC (in acres) currently, *without* adjacent PEU acreage; size of PEU; and size of PEU and MAC together (as if PEU were acquired). PEUs were scored in five classes using the rule-matrix shown in Table 3. Column 3 (highlighted) represents a promotion rule that overrides scores in the remaining columns. Note that emphasis was placed on projects that, when added to a MAC currently less than 50,000 acres, would lead to a MAC greater than 50,000 acres. That emphasis corresponds to the 50,000-acre threshold explicitly noted in the Florida Forever Act and administrative rule for this measure. PEUs added to MACs of 100,000 acres or more receive the lowest emphasis, based on the rationale that such MACs are already functioning as significant large landscapes (e.g., Everglades/Big Cypress, Apalachicola/Tate's Hell) and the PEU addition would not dramatically improve that status.

Table 3. Rule-based matrix used to score Project Evaluation Units for the Large Landscapes measure.

		Managed Area Complex Acres (without project)					
FF Project Sub-Unit Remaining Acres	**FF Acres Class**	**<50,000 and proj. takes it over 50,000**	**0 (no adjacent MA Complex)**	**<25,000**	**25,000 - 49,999**	**50,000 - 99,999**	**100,000 plus**
50,000 +	**6**	VH*	VH*	H*	VH*	VH	H
25k - 49,999	**5**	VH	M	M	H*	VH	M
10k - 24,999	**4**	VH	ML	M	M	H	M
5,000 - 9,999	**3**	H	L	ML	M	M	ML
1,000 - 4,999	**2**	M	L	L	ML	ML	L
<1,000	**1**	ML	L	L	L	L	L

*these are all by definition the same event as the third column (and should be overridden by the third-column promotion)

Finally, each full project is scored based on the highest scoring of its individual PEUs. The full project and PEU scoring is in five classes corresponding to the Florida Forever Comparative Analysis table (Very

High, High, Medium, Medium-Low, and Low). A map showing existing Managed Areas Complexes (by size) and Florida Forever projects (by score) is included in Appendix B.

For the Landscapes Single Resource Evaluation Category, projects are scored based on their scores for both the Florida Ecological Greenways Network (including FFSP) and Large Landscapes measures described above, as outlined in Appendix A.

SURFACE WATERS

The Surface Waters Decision Support data layer is unchanged from the FFCNA Significant Surface Water data layer, which identifies significant surface waters of the state. These include the following: Outstanding Florida Waters, National Scenic Waters and National Estuaries, shellfish harvesting areas, seagrass beds, springs, water supply and waters important for imperiled fish. The data are prioritized based on proximity to a water body, stream order, downstream length, basin size and other factors. We created 7 prioritized sub-models based on the waters listed above. These sub-models were combined into a single surface water model with 7 priority classes. Detailed methodology for the surface water model may be found in the Conservation Needs Assessment Technical Report Version 4.6 (FNAI 2021a). See Appendix B for a map and acreage table for the Surface Water Decision Support layer.

WETLANDS/FLOODPLAIN

The current versions of FFCNA Functional Wetlands and Natural Floodplain data sets feature substantial overlap and are prioritized using the same criteria, so they are combined into a single Decision Support data layer with 6 priority classes. The wetlands data layer is based on wetlands identified in the Cooperative Land Cover v3.3 (FWC 2018). The natural floodplain data layer is based on 100-year floodplain identified from three primary sources: 1) FEMA Digital Flood Insurance Rate Map database 2001-2017 (DFIRM) for 63 counties; 2) FEMA Digital Q3 Flood Data 1996 for 4 counties; and 3) a surrogate floodplain dataset based on overlap of wetlands and hydric soils for gaps in several counties where FEMA data has floodplain status as 'undetermined', or in a selection of polygons in South Florida counties which FEMA data had as 'outside floodplain', but the surrounding counties had similar adjacent land cover as floodplain. Open water and developed areas were removed from the final floodplain base map. More details on development of both of these layers are documented in the Florida Forever Conservation Needs Assessment Technical Report (FNAI 2021a).

Functional wetlands and natural floodplain were each assigned priorities based on natural quality using a Land Use Intensity index (LUI) method developed by Tom Hoctor at the University of Florida and the FNAI Potential Natural Areas (PNA).

The LUI characterizes the intensity of land use across the state on a scale of 1 – 10 with 10 being the least intense (most natural). Intensity is based on a multi-scale neighborhood analysis of five general categories of land use: natural, semi-natural (such as rangelands and pine plantation), improved pasture, agricultural/low-intensity development, and high intensity development. The assumption is that areas dominated by high intensity land uses are more likely to have severe ecological threats and much lower ecological integrity than areas dominated by natural land cover.

The Potential Natural Areas data layer identifies privately owned lands throughout the State of Florida that are not managed or listed for conservation purposes, which may contain good quality natural communities. The PNAs are ranked from P1 to P4 based on size, perceived quality, and type of natural community present. PNAs with these ranks were grouped into "high quality" natural areas. Conservation Lands were included in the P1 – P4 group. PNAs ranked P5 are areas that do not meet the criteria for P1 – P4 but are nonetheless believed to be ecologically viable tracts of land representative of Florida's natural ecosystems.

Table 4 shows how both the LUI and PNAs were applied to help refine the prioritization of functional wetlands and natural floodplain. In order to minimize redundancy between these two layers, functional wetlands and natural floodplain were combined into a single model for evaluation purposes. See Appendix B for a map and acreage table for the Wetlands/Floodplain Decision Support data layer.

Table 4. Prioritization method for wetlands and floodplain based on Land Use Intensity index and FNAI Potential Natural Areas.

Land Use Intensity Index	PNA 1 - 4	PNA 5	Non-PNA
10 *(lowest intensity)*	Priority 1	Priority 2	Priority 2
9	Priority 2	Priority 3	Priority 3
8	Priority 3	Priority 3	Priority 4
7	Priority 3	Priority 4	Priority 4
6	Priority 4	Priority 4	Priority 5
5	Priority 4	Priority 5	Priority 6
4	Priority 5	Priority 6	Priority 6
1 - 3	Priority 6	Priority 6	Priority 6

TRAILS NETWORK

The Recreational Trails Decision Support data layer is based on land trail priorities and opportunities identified in the 2018-2022 Florida Greenways and Trails System Plan. These trails are made up of existing, planned and conceptual non-motorized trails that form a connected set of linear recreational opportunities statewide (Florida Department of Environmental Protection 2018).

For Trails Single Resource Evaluation, we met with the staff of DEP/Office of Greenways and Trails to develop a version of land trail priorities and opportunities suitable for project evaluation purposes. We adjusted the 2018 Land Trail Priorities and Opportunities polylines for overlaps and assigned Priority 1 to all trail 'Priorities', and Priority 2 to trail 'Opportunities'. (Note that Paddling Trails are not included at this time). We also buffered trail lines by 0.25 miles to create half mile corridors. Both linear distance and corridor acreage were used to evaluate projects for recreational trails. See Appendix B for a map and mileage table for the Trails Network Decision Support layer.

SUSTAINABLE FORESTRY

The Sustainable Forestry Decision Support data layer is unchanged from the FFCNA Sustainable Forestry data layer and identifies existing pinelands (natural and planted) and former pinelands that are potentially available for forest management. Prioritization is based on 4 criteria set by the Division of Forestry: whether trees are natural or planted, size of tract, distance to market, and hydrology. Large tracts of natural pine on mesic soils (versus very dry or wet) that are within 50 miles of a mill receive the highest score and priority. Former pinelands that currently do not have trees receive the lowest priority. Detailed methodology for the sustainable model may be found in the Conservation Needs Assessment Technical Report Version 4.6 (FNAI 2021a). Table 5 describes the justification for each priority class. See Appendix B for a map and acreage table for the Sustainable Forestry Decision Support layer.

Table 5. Descriptions, scores, and acreages for the priority classes of the Forestry Decision Support data layer.

Priority Class	Scores	Description
Priority 1	950-990	Contains at least the top scores for all criteria except Hydrology and at least the middle score for Hydrology.
Priority 2	737-894	Contains at least the middle scores for three of the criteria and top score for Size or Distance to Market
Priority 3	522-693	Contains at least the middle scores for all criteria except Hydrology.
Priority 4	273-495	Contains remainder of pinelands not captured above.
Priority 5	N/A	Potential pinelands

AQUIFER RECHARGE

The Aquifer Recharge Decision Support data layer is unchanged from the FFCNA Recharge data layer. The aquifer recharge base model was developed by Advanced Geospatial, Inc. (AGI) and further prioritized by FNAI in consult with AGI and Florida Geological Survey. The priority classes are based on the following data inputs: soil hydraulic conductivity, proximity to karst features, depth to water and overburden, and overlap with Springs Protection Areas, buffers to swallets, and buffers to public water supply wells (Table 6). Detailed methodology for the aquifer recharge model may be found in the Conservation Needs Assessment Technical Report Version 4.6 (FNAI 2021a). See Appendix B for a map and acreage table for the Aquifer Recharge Decision Support layer.

Table 6. Priority classes and acreages for aquifer recharge decision support data layer.

Priority	Description
Priority 1	Very High Priority designation based on aquifer recharge potential & vulnerability
Priority 2	High Priority designation based on aquifer recharge potential & vulnerability
Priority 3	Medium-High Priority designation based on aquifer recharge potential & vulnerability
Priority 4	Medium Priority designation based on aquifer recharge potential & vulnerability
Priority 5	Medium-Low Priority designation based on aquifer recharge potential & vulnerability
Priority 6	Low Priority designation based on aquifer recharge potential & vulnerability

CULTURAL RESOURCES

Method: The Florida Department of State, Division of Historical Resources provides an evaluation of projects based on cultural resources.

SRE Group Assignment Criteria:

Very High	Project could be considered a stand-alone Florida Forever Project based solely on its archaeological or historic value.
High	Project exceeds satisfying objective for archaeological or historic resources.
Medium	Project will likely satisfy objective for archaeological or historic resources.
Medium-Low	Project most likely will not satisfy objective for archaeological or historic resources.
Low to None	Project does not satisfy objective for archaeological or historic resources.

F-TRAC

F-TRAC is based on a computer modeling approach to conservation reserve design known as Iterative Site Selection (ISS). The primary purpose for developing F-TRAC was to provide a concise analysis to evaluate current and potential land acquisition projects across multiple natural resource types for the Florida Forever program. The model approach could be useful for other conservation planning efforts, but the results described here were developed specifically for the needs of Florida Forever and are not likely to apply to other programs without substantial modifications.

F-TRAC considers seven types of natural resource categories—species, communities, landscape connectivity, surface waters, wetlands, sustainable forestry, and aquifer recharge—and identifies a portfolio of sites that efficiently protects those resources. Efficiency is the key to the model; it approaches an optimal solution of the greatest resource protection in a given amount of land. Our analysis resulted in two scenarios: the Statewide Scenario, which identifies a portfolio of sites throughout the state; and the On Projects Scenario, which identifies a portfolio of sites only within

existing and proposed Florida Forever Projects. Both Scenarios approximate the amount of land likely to be acquired through the twenty-year duration of the Florida Forever program. The F-TRAC modeling process and scenarios are discussed in more detail in Appendix C.

Like Single Resource Evaluation, the F-TRAC analysis is derived from the Florida Forever Conservation Needs Assessment data layers, but some layers have been modified specifically for use in F-TRAC (Fig. 1). These modifications are summarized below.

Species for F-TRAC

For the F-TRAC analysis only, the Florida Forever Expert Advisory Group was concerned that F-TRAC targets and weights do not apply equally to all species in the Species RSA, i.e., land acquisition targets for wide-ranging species could be less than for other species. The group recommended separating each priority class into wide-ranging species and all other species for the purpose of treating these differently in the F-TRAC analysis. We consulted with species experts to determine which species of those that were included in the FNAIHAB or SHCAs best fit the definition of wide-ranging. The following ten species were considered wide-ranging for the F-TRAC analysis: Eastern indigo snake, Florida panther, Florida black bear, crested caracara, woodstork, sandhill crane, swallow-tailed kite, short-tailed hawk, burrowing owl, Cooper's hawk. For details on species acreages, targets and weights for F-TRAC please see Appendix C.

Natural Communities for F-TRAC

For the F-TRAC analysis each natural community type was prioritized based on landscape quality using a Land Use Intensity index (LUI; developed by Tom Hoctor at the University of Florida) and the FNAI Potential Natural Areas (PNA) data layer. (For a description of LUI and PNA see the Wetlands Decision Support data layer description elsewhere in this document). The exceptions to this were the two G1 communities, Upland Glade and Pine Rockland: Only 40 acres of Upland Glade have been identified in the state and all of these are considered Very High priority; remaining Pine Rockland is also very limited, and we assigned any patch ¼ acre or greater Very High priority and patches less than ¼ acre High priority. The prioritization criteria for all other communities varied depending on whether the natural community tends primarily to exist in small or large patches. Small patch communities are Coastal Uplands, Scrub, Seepage Slope, Rockland Hammock, Coastal Lakes and Sandhill Upland Lakes. Large patch communities are Dry Prairie, Sandhill, Upland Pine, Pine Flatwoods, and Upland Hardwood Forest. Priority values of Very High, High and Moderate were assigned to areas based on the LUI (Table 7). Higher LUI values correspond to more natural land uses. Some medium and low priorities were then increased if the area overlapped with high quality FNAI Potential Natural Areas (PNA 1-4; Table 7).

Table 7. Prioritization criteria for under-represented natural communities

	Small Patch Communities		Large Extent Communities	
Land Use Intensity Index Value (LUI)	**Priority based on LUI**	**Priority based on PNA 1-4 Bonus**	**Priority based on LUI**	**Priority based on PNA 1-4 Bonus**
8 - 10	Very High	Very High	Very High	Very High
7	Very High	Very High	High	Very High
6	High	Very High	High	Very High
5	High	Very High	Moderate	High
4	Moderate	High	Moderate	High
1 - 3	Moderate	Moderate	Moderate	Moderate

Greenways for F-TRAC

Prior to Fall 2011, Landscapes had not been included in the F-TRAC analysis, primarily because a major emphasis of Landscapes is to achieve connectivity through important landscape corridors across the state. F-TRAC, based on the MARXAN simulation tool, is unable to explicitly assess spatial connectivity.

In 2021, FNAI and CLCP collaborated to develop Florida Forever Strategic Priorities (FFSP) for Greenways. This layer further breaks down FEGN P1-3 (aka Florida Wildlife Corridor) into 14 priority classes, based on three model inputs:

Landscape Species Strategic Corridors: we identified critical bottlenecks for three landscape-scale species: black bear, panther, and eastern indigo snake. These were identified as areas where a linkage between two or more core populations is irreplaceable in the landscape.

Coastal Strategic Corridors: we identified remaining natural and seminatural corridors between the coast and areas above 3 meters inland, as potential migration corridors for natural resources retreating from sea level rise.

Cost Distance: a spatial model of P1-3 corridors that prioritizes within the corridors based on four factors: distance from managed area "hubs"; interior distance from corridor edge; elevation above sea level; and land cover suitability.

For more details on the Florida Forever Strategic Priorities, see FNAI 2021b. For more information about how this model was used in F-TRAC, please see Appendix C.

ADDITIONAL PROJECT EVALUATION CRITERIA

When the Florida Forever Act was re-authorized in 2008, several additional criteria were added that are intended to be taken into consideration in prioritizing acquisitions (along with the core natural resource values already addressed in the FFCNA). Where feasible FNAI has assisted with compiling data and scoring projects for some of these additional criteria, as outlined below.

CLIMATE CHANGE

Priority List Consideration D5 (18-24.006, F.A.C)**:** Lands that help to address the challenges of global climate change by providing opportunities to sequester carbon, provide habitat, protect coastal lands or barrier islands, and otherwise mitigate and help adapt to the effects of sea level rise, shall be given greater consideration than those that do not.

Source: Florida Natural Areas Inventory

Measure Definition

This measure deals with two primary aspects of climate change: carbon sequestration and sea level rise mitigation (through protection of habitat, coastal lands, barrier islands and other adaptation strategies).

Sea Level Rise

Projects are evaluated on their ability to accomplish either of two goals related to Sea Level Rise (SLR):

- *Managed Area Refuge*: the project is adjacent to an existing managed area that is vulnerable to SLR and extends the managed area further inland to facilitate potential shifts of natural resources to higher elevations.
- *Escape Route*: the project itself extends from a coastal elevation vulnerable to SLR inland to higher elevations, facilitating potential shifts of resources away from SLR.

Input Data

- Project Evaluation Units (PEUs) – Remaining portions of Florida Forever project boundaries, broken into spatially contiguous units within each project, as described in Large Landscapes measure above.
- Managed Area Complexes (MACs) – Existing conservation lands grouped into spatially contiguous units, as described in Large Landscapes Measure above.

PEU Scoring

Part I. Managed Area Refuge				
Applies only if Managed Area Complex meets criteria for "Vulnerable":				
	- At least 25% of MAC area is below 1 meter			
	- Less than 5% of MAC area is above 2 meters			
PEU must be within 10m of a Vulnerable MAC, and:				
	- At least 5% of PEU area is above 2 meters			
	- Less than 25% of PEU area is below 1 meter			

	PEU Size			
MAC Size:	**10,000+**	**1k-10k**	**100-1k**	**<100**
10,000+	VH	H	M	ML
1,000-9,999	VH	H	M	ML
100-999	H	H	H	M*
<100	M	M	M	ML

*PEU must be at least 25acres for M, otherwise ML

PEU that does not meet MAR criteria = Low

Part II. Escape Route				
Applies only if PEU meets criteria:				
	- At least 5% of PEU area is below 1 meter			
	- At least 5% of PEU area is above 2 meters			

	Percent of PEU above 2 meters			
PEU Size:	**>75%**	**50-75%**	**25-50%**	**5-25%**
10,000+	VH	VH	VH	H
1,000-9,999	H	H	H	M
100-999	M	M	ML	ML
<100	ML	ML	ML	ML

Translating PEU Scores to Project Scores

Unlike the Large Landscapes method, Projects are scored using a modified area-weighted average of PEUs. After each PEU is assigned a score of Very High (5), High (4), Medium (3), Medium-Low (2), or Low (1), the acreage of each PEU is multiplied by its score value. Those weighted acres are summed and divided by the total acres of all PEUs in the project. Each project receives a separate Area-Weighted score for Managed Area Refuge and Escape Route.

EXAMPLE:

PEU	Acres	Score	Weighted Acres
Lower_Suwannee_River_and_Gulf_Watershed-1	19,203	1	19,202.5
Lower_Suwannee_River_and_Gulf_Watershed-2	21,413	5	107,067.0
Lower_Suwannee_River_and_Gulf_Watershed-3	5,821	4	23,283.6
Project Area-Weighted Average Score			**3.22**

To account for the diluting effect of averaging, the Project's Area-Weighted Score is **modified** if individual PEU scores higher:

- If any PEU scores Very High, the Project scores at least High (4.0)
- If any PEU scores High, the Project scores at least Medium (3.0)
- If any PEU scores above Low, the Project scores at least Medium-Low (2.0)

For each criterion (Managed Area Refuge and Escape Route), the modified weighted average is broken into the final five classes as follows:

4.50 – 5.00 Very High
3.50 – 4.49 High
2.50 – 3.49 Medium
1.01 – 2.49 Medium-Low
0.00 – 1.00 Low

Finally, each project receives the higher class of the two criteria.

Soil Carbon Storage

Xiong et al. (2014) at the University of Florida have modeled soil carbon stocks for the state of Florida. The research team provided soil total carbon data that was used to calculate an Average Soil Total Carbon statistic for each Florida Forever project (remaining acres). In 2021, this value ranged from 1.29 to 10.29 across projects. We divided the range into five "bubble sheet" classes using standard deviations:

Priority Class	Std Dev	Avg Soil Total Carbon	Acreage Threshold
Very High	Mean +2 SD	7.780 – 10.29	1,000 acres
High	Mean +1 SD	6.353 – 7.780	500 acres
Medium	Mean +-1 SD	3.496 – 6.353	
Medium-Low	Mean -1 SD	2.068 – 3.496	
Low	Mean -2 SD	<2.068	

Resulting project scores are included in Appendix D.

POPULATION WITHIN 100 MILES

For this analysis, remaining acres of Florida Forever projects were buffered by 100 miles. The portions of 2020 Census Tracts intersecting each project's 100 mile buffer were selected, and the population density of each tract was multiplied by the area of that tract within the project buffer. These calculations were summed across all tracts within the buffer for the total project population figure. Resulting project scores and class breaks are listed in Appendix D.

PROXIMITY TO URBAN AREAS

For this analysis, Urban Areas were defined by an FGDL data set known as "urban areas and urban clusters", based on 2010 census data. Remaining acres of Florida Forever projects were overlaid on this data layer and the percent of each project within the urban area was calculated. This statistic has not been included on the "bubble sheet" but calculated for a larger project scoring spreadsheet compiled by DEP staff. Project percentages are listed in Appendix D.

FLOOD PROTECTION

This measure is calculated as the percent of remaining project area that overlaps with FEMA floodplain. This analysis uses the same FEMA floodplain compilation layer developed for the FFCNA Natural Floodplain data layer (FNAI 2021a). Unlike the Natural Floodplain analysis, Flood Protection includes the entire FEMA zone—we do not remove developed land uses from the zone in this case. Final project scores are listed in Appendix D.

RESTORATION PRIORITY

This measure is intended to assess the degree to which a Florida Forever project's management focus includes restoration efforts. It is comprised of two separate measures. First, FNAI staff reviewed management prospectuses or project summaries for each project and graded them as to restoration focus. Only projects with a "strong" focus on restoration were considered for the final score. Other projects were scored based on areas designated in DEP Basin Management Action Plans (BMAP) for water restoration. Percent of project within BMAP areas was calculated. Finally, projects were given a score of High ("strong" restoration focus in FNAI analysis, or >50% of project in BMAP), Medium (10-50% of project in BMAP), or Low (<10% of project in BMAP). Final project scores are listed in Appendix D.

STORM SURGE

Storm Surge modeling was obtained from the Florida Division of Emergency Management, Florida Statewide Regional Evacuation Study Update, based on 2010 National Hurricane Center SLOSH models. The SLOSH models are classed into 5 classes corresponding to Category 1-5 storm surge zones. These classes were used in a standard weighted acres calculation as described above, using the following acreage multipliers:

Category 1 surge zone * 10

Category 2 surge zone * 8

Category 3 surge zone * 6

Category 4 surge zone * 4

Category 5 surge zone * 2

Final storm surge project scores are listed in Appendix D.

M**ILITARY BUFFERS**

Ideally, assessing projects for buffers to military bases would include various flight, noise, risk, and testing zones or corridors identified beyond base boundaries by the Department of Defense as having relevance to their military missions. However, these zones are generally considered confidential and not readily shared for public purposes. Therefore, we scored projects using simple buffers of military bases. Scores were first established for Project Evaluation Units (PEUs) as follows:

	PEU Size		
Distance from Military Base	**1,000+ ac**	**100+ ac**	**<100 ac**
Adjacent	VH	H	M
<1,000m	H	M	ML
<5,000m	M	ML	L
5,000+ m	L	L	L

Each project was then assigned the score of its highest scoring PEU.

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Appendix A:
Resource Evaluation Scoring Worksheets
for the Florida Forever Comparative Analysis

November 2021

The Resource Scoring Worksheets are intended for use with the Comparative Analysis table. Each tab in this workbook contains the underlying data and methods used to score and group projects for each resource type shown on the Comparative Analysis. Each table is sorted by how well projects meet a resource goal. The sort order is intended to help the user understand how projects were assigned a value on the Comparative Analysis. Users may sort the tables in other ways (alphabetical by project name, within categories, etc) using MS Excel. For more information please contact Florida Natural Areas Inventory (aknight@fnai.fsu.edu or joetting@fnai.fsu.edu; 850-224-8207).

SPECIES Single Resource Project Scores

Category	Project Acres Remaining	Project	Resource Acres: Species Priority 1	Species Priority 2	Species Priority 3	Species Priority 4	Species Priority 5	Species Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
CNL	3,592	Lake Hatchineha Watershed	3,484	56	0	3	22	6	9.84	VH	5	1
LTF	1,836	Hardee Flatwoods	1,669	156	1	0	3	4	9.78	VH	5	2
PRI	7,503	Hall Ranch	7,248	2	42	169	6	17	9.76	VH	5	3
PRI	2,348	Crayfish Habitat Restoration	2,154	119	2	18	24	2	9.63	VH	5	4
LTF	3,428	Arbuckle Creek Watershed	2,690	717	3	9	5	4	9.54	VH	5	5
LTF	1,264	Old Town Creek Watershed	1,178	26	0	3	11	30	9.53	VH	5	6
LTF	3,522	Conlin Lake X	3,206	138	0	4	40	9	9.45	VH	5	7
LTF	40,848	Big Bend Swamp/Holopaw Ranch	35,767	1,483	14	277	2,217	381	9.19	VH	5	8
LTF	122,213	Fisheating Creek Ecosystem	88,969	25,678	1,181	6,018	97	261	9.15	VH	5	9
CNL	6,211	Corrigan Ranch	3,099	3,079	0	3	14	1	8.96	VH	5	10
CNL	5,336	Triple Diamond	2,459	2,832	2	21	8	1	8.87	VH	5	11
CNL	43,051	Blue Head Ranch	21,270	20,930	2	85	193	523	8.86	VH	5	12
CNL	23,239	Osceola Pine Savannas	19,632	1	0	2,422	270	285	8.80	VH	5	13
LTF	37,851	Kissimmee-St. Johns River Connector	17,900	18,160	2	273	467	845	8.64	VH	5	14
PRI	31,188	Corkscrew Regional Ecosystem Watershed	24,347	2,773	115	26	66	2,281	8.61	VH	5	15
CNL	29,262	Bombing Range Ridge	23,915	157	436	2,269	220	1,872	8.59	VH	5	16
CNL	48,860	Apalachicola River	36,670	2,707	5,383	2,421	794	575	8.58	VH	5	17
LTF	2,214	Eastern Scarp Ranchlands	584	1,610	0	12	6	0	8.48	VH	5	18
CNL	39,382	Panther Glades	31,019	267	2,954	1,703	26	206	8.37	VH	5	19
SC	24	Save Our Everglades	17	2	2	0	0	1	8.23	VH	5	20
CNL	29,702	Lake Wales Ridge Ecosystem	21,434	1,921	138	2,911	703	1,768	8.15	VH	5	21
CNL	21,895	Pine Island Slough Ecosystem	1,819	20,004	41	2	2	9	8.15	VH	5	22
CNL	9,594	Caloosahatchee Ecoscape	5,289	2,526	176	574	13	942	7.97	VH	5	23
CNL	8,036	Twelvemile Slough	5,036	389	1,577	275	0	6	7.54	VH	5	24
PRI	303	Dade County Archipelago	214	16	3	2	0	0	7.54	VH	5	25
CNL	11,182	Half Circle L Ranch	7,329	83	2,100	146	0	397	7.44	VH	5	26
CCL	1,157	Coupon Bight/Key Deer	721	121	4	136	0	0	7.44	VH	5	27
CNL	4,925	Belle Meade	3,581	50	32	1	5	18	7.39	VH	5	28
PRI	12,356	Middle Chipola River	6,564	1,529	532	2,315	322	655	7.14	VH	5	29
CNL	49,244	Devil's Garden	25,549	4,377	1,632	11,722	2,327	424	6.85	VH	5	30
PRI	6,786	Charlotte Harbor Flatwoods	4,238	15	0	788	471	131	6.77	VH	5	31
PRI	3,231	Catfish Creek	2,044	4	3	16	306	151	6.59	VH	5	32
CHR	562	Pierce Mound Complex	7	398	56	62	15	6	6.58	VH	5	33
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	3,413	235	221	2,270	717	25	6.52	VH	5	34
CCL	5,817	Florida Keys Ecosystem	1,963	1,681	204	1,132	64	7	6.43	VH	5	35
LTF	3,881	Ochlockonee River Conservation Area	1,831	9	5	1,776	51	162	6.18	VH	5	36
CCL	655	Tiger Island/Little Tiger Island	0	593	7	40	1	1	7.48	H	4	37
CNL	598	Southeastern Bat Maternity Caves	246	40	1	139	117	27	5.80	H	4	38
LTF	12,519	Ranch Reserve	5,743	1	0	4,442	122	1,574	5.80	H	4	39
SC	3,077	Dickerson Bay/Bald Point	1	1,674	23	1,098	129	37	5.55	H	4	40
LTF	32,990	Adams Ranch	5,905	7,860	0	16,158	1,247	1,027	5.27	H	4	41
CCL	174	Archie Carr Sea Turtle Refuge	51	30	30	2	9	5	5.15	H	4	42
CNL	2,188	Shoal River Buffer	0	659	1,202	172	142	3	4.97	H	4	43
CNL	9,915	Longleaf Pine Ecosystem	266	3,953	55	3,876	1,049	507	4.92	H	4	44
PRI	8,378	Welannee Watershed Forest	2,967	664	67	119	695	3,658	4.85	H	4	45
CNL	11,518	Strategic Managed Area Lands List	2,141	2,287	465	3,162	400	1,314	4.62	H	4	46
CNL	52,558	Etoniah/Cross Florida Greenway	167	14,569	5,758	29,761	1,149	757	4.44	M	3	47
PRI	12,440	Crossbar/Al Bar Ranch	0	3,620	1	8,359	338	72	4.40	M	3	48
CCL	56,242	St. Joe Timberland	8,045	3,356	4,217	34,108	5,445	334	4.23	M	3	49
CNL	22,386	Wekiva-Ocala Greenway	85	5,432	7,481	4,674	507	3,552	4.15	M	3	50
PRI	161,213	Green Swamp	8,027	50,983	7	47,297	6,325	16,689	4.09	M	3	51
CNL	12,428	Telogia Creek	0	0	11,719	635	60	12	3.94	M	3	52
SC	8,885	Florida Springs Coastal Greenway	91	2,639	1,109	2,755	49	122	3.93	M	3	53
PRI	6,040	Florida's First Magnitude Springs	400	1,354	603	1,192	661	1,217	3.87	M	3	54
PRI	8,876	Lake Santa Fe	363	1,080	1,567	4,768	581	283	3.86	M	3	55
CNL	14,908	Wacissa/Aucilla River Sinks	0	981	8,941	4,509	115	77	3.85	M	3	56
LTF	25,339	Lower Suwannee River and Gulf Watershed	0	5,492	349	15,557	1,946	1,633	3.85	M	3	57
LTF	5,788	Ayavalla Plantation	769	269	203	3,560	177	568	3.85	M	3	58
CCL	3,742	Taylor Sweetwater Creek	0	1,128	0	582	1,565	418	3.83	M	3	59
LTF	25,611	Gulf Hammock	0	4,719	7	18,651	1,856	181	3.81	M	3	60

SPECIES SCORING METHOD

Minimum Area Threshold

None

Multiplier Applied to Acres in Preliminary Score Calculation

SPECIES	Multiplier
Priority 1	10
Priority 2	8
Priority 3	4
Priority 4	3
Priority 5	2
Priority 6	1

Note that multipliers are determined by underlying resource data and will be different for different resource types.

Preliminary Score Calculation

((Priority 1 Acres * 10) + (Priority 2 Acres * 8) + (Priority 3 Acres * 4) + (Priority 4 Acres * 3) + (Priority 5 Acres * 2) + (Priority 6 Acres * 1)) / Remaining Acres in Project

SPECIES GROUP ASSIGNMENT CRITERIA

	If score is:
Very High:	6.00 - 10 and >0 acres in Priority 1
High:	4.50 - 5.99
Medium:	3.00 - 4.99
Medium-Low:	1.00 - 2.99, OR <1.0 and >0 acres in Priorities 1 or 2
Low:	<1.00 and 0 acres in Priorities 1 or 2

* ***Group Code corresponds to value on Comparative Analysis table***

Sort Criteria

By Group then by Preliminary Score

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Category	Project Acres Remaining	Project	Resource Acres: Species Priority 1	Species Priority 2	Species Priority 3	Species Priority 4	Species Priority 5	Species Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
CHR	853	Battle of Wahoo Swamp	128	29	0	382	274	39	3.80	M	3	61
PRI	3,969	Wakulla Springs Protection Zone	94	88	2,628	777	36	292	3.74	M	3	62
PRI	5,355	Watermelon Pond	0	1,274	0	2,698	467	257	3.64	M	3	63
LTF	1,064	Maytown Flatwoods	0	0	627	433	2	2	3.58	M	3	64
CCL	3,252	Garcon Ecosystem	284	354	794	240	518	920	3.54	M	3	65
LTF	2,293	Little River Conservation Area	458	2	536	8	29	1,243	3.52	M	3	66
PRI	8,796	Annutteliga Hammock	0	1,577	914	4,420	189	981	3.51	M	3	67
PRI	451	Wilson Ranch	0	136	0	39	100	169	3.49	M	3	68
PRI	20,658	Brevard Coastal Scrub Ecosystem	2,261	3,125	458	4,908	2,755	2,274	3.48	M	3	69
CCL	4,511	West Bay Preservation Area	0	742	0	2,719	535	380	3.45	M	3	70
CNL	53,737	Pinhook Swamp	0	6,005	5	39,104	8,368	239	3.39	M	3	71
CNL	97,434	Bear Creek Forest	221	6,551	2,747	69,483	18,283	112	3.19	M	3	72
PRI	1,059	Rainbow River Corridor	0	197	0	482	37	251	3.16	M	3	73
PRI	4,693	Lochloosa Forest	0	7	899	3,561	94	125	3.12	M	3	74
LTF	3,286	Withlacoochee River Corridor	221	185	0	1,517	796	379	3.11	M	3	75
PRI	13,666	Heather Island/Ocklawaha River	0	392	2,116	7,496	3,624	19	3.03	M	3	76
SC	358	Spruce Creek	5	1	26	294	13	16	3.02	M	3	77
CNL	11,355	South Goethe	2	1,128	534	7,169	522	584	3.02	M	3	78
LTF	96,707	Matanzas to Ocala Conservation Corridor	1,128	1,588	1	78,372	14,819	529	2.99	ML	2	79
CNL	4,689	Bear Hammock	0	115	32	4,075	321	41	2.98	ML	2	80
LTF	1,254	Suwannee County Preservation	68	0	1	931	3	225	2.96	ML	2	81
LTF	376	San Felasco Conservation Corridor	0	0	0	360	7	10	2.94	ML	2	82
CNL	3,856	Wolfe Creek Forest	0	50	8	3,322	408	52	2.92	ML	2	83
PRI	10,253	Lafayette Forest	76	54	1	8,861	927	308	2.92	ML	2	84
PRI	8,446	Pringle Creek Forest	0	2	0	7,565	876	2	2.90	ML	2	85
CCL	17,194	St. Johns River Blueway	384	803	2,838	7,229	658	4,648	2.87	ML	2	86
LTF	14,153	North Waccasassa Flats	0	0	0	12,097	1,823	127	2.83	ML	2	87
LTF	97,346	Coastal Headwaters Longleaf Forest	1,464	758	45	80,114	35	13,330	2.82	ML	2	88
CCL	2,292	Terra Ceia	0	1	1,051	510	336	29	2.81	ML	2	89
PRI	428	Carr Farm/Price's Scrub	0	1	0	339	87	1	2.80	ML	2	90
LTF	3,033	Peace River Refuge	0	1	197	2,317	51	332	2.70	ML	2	91
SC	4,446	Lochloosa Wildlife	37	140	0	2,868	532	774	2.68	ML	2	92
PRI	17,819	Volusia Conservation Corridor	330	40	486	11,775	1,998	2,455	2.66	ML	2	93
LTF	10,996	Bluefield to Cow Creek	0	6	16	7,758	2,256	835	2.61	ML	2	94
PRI	18,145	Indian River Lagoon Blueway	181	519	1,023	10,807	729	3,375	2.61	ML	2	95
CNL	1,665	Econfina Timberlands	0	0	0	1,309	36	313	2.59	ML	2	96
PRI	2,867	Clear Creek/Whiting Field	0	0	0	2,349	25	315	2.59	ML	2	97
LTF	16,916	Red Hills Conservation	60	10	1	13,049	773	1,952	2.56	ML	2	98
SC	5,886	Charlotte Harbor Estuary	5	587	530	1,409	1,473	957	2.55	ML	2	99
PRI	9,333	Pal-Mar	0	248	0	6,523	197	1,245	2.49	ML	2	100
LTF	67,678	Raiford to Osceola Greenway	0	2,063	1	30,827	16,170	18,573	2.36	ML	2	101
LTF	710	West Aucilla River Buffer	0	0	0	495	0	157	2.31	ML	2	102
LTF	10,135	Mill Creek	0	398	0	5,280	1,168	2,036	2.31	ML	2	103
CNL	54,862	Forest and Lakes Ecosystem	1,858	626	111	11	49,573	818	2.26	ML	2	104
CNL	1,717	Ichetucknee Trace	0	0	0	1,000	336	200	2.25	ML	2	105
CNL	44,999	San Pedro Bay	0	18	2	26,461	5,615	10,582	2.25	ML	2	106
CNL	12,035	Upper Shoal River	0	0	0	7,259	685	3,503	2.21	ML	2	107
CNL	22,186	Hixtown Swamp	0	0	0	10,378	6,143	5,008	2.18	ML	2	108
CCL	10,971	Northeast Florida Blueway	0	643	94	3,284	2,690	2,666	2.13	ML	2	109
PRI	8,397	Baldwin Bay/St. Marys River	233	3	0	8	7,083	929	2.08	ML	2	110
PRI	8,175	Atlantic Ridge Ecosystem	0	271	0	3,097	1,376	2,007	1.98	ML	2	111
LTF	30,057	Myakka Ranchlands	0	217	227	12,582	7,433	3,711	1.96	ML	2	112
LTF	6,382	Limestone Ranch	0	45	513	1,868	1,272	1,764	1.93	ML	2	113
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	345	2,213	1,850	11,446	28,839	22,310	1.92	ML	2	114
PRI	3,891	Flagler County Blueway	0	14	0	1,895	0	1,042	1.76	ML	2	115
PRI	6,951	Pumpkin Hill Creek	0	584	7	357	306	5,225	1.67	ML	2	116
LTF	16,316	Horse Creek Ranch	149	0	0	3,876	4,345	3,435	1.55	ML	2	117
LTF	83	Millstone Plantation	0	0	0	31	2	24	1.47	ML	2	118
CNL	32,282	Camp Blanding to Raiford Greenway	0	57	73	1,032	11,040	18,110	1.36	ML	2	119
PRI	14,534	Sand Mountain	40	251	21	1,661	0	10,230	1.22	ML	2	120
CHR	144	Pineland Site Complex	0	8	0	0	0	103	1.17	ML	2	121
CNL	1,967	Natural Bridge Creek	0	0	0	0	108	1,819	1.03	ML	2	122
CNL	2,389	Perdido Pitcher Plant Prairie	0	21	0	0	0	2,224	1.00	ML	2	123

Species, continued

Category	Project Acres Remaining	Project	Resource Acres: Species Priority 1	Species Priority 2	Species Priority 3	Species Priority 4	Species Priority 5	Species Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
SC	2,657	South Walton County Ecosystem	17	14	0	124	359	1,066	0.92	ML	2	124
LTF	2,338	Lower Perdido River Buffer	0	0	0	0	0	2,269	0.97	L	1	125

Species, continued

NATURAL COMMUNITIES Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Resource Acres: Nat Com G-Rank 1	Nat Com G-Rank 2	Nat Com G-Rank 3	Nat Com G-Rank 4	Nat Com G-Rank 5	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
PRI	303	Dade County Archipelago	74	56	0	5	0	3.97	VH	5	1
LTF	16,916	Red Hills Conservation	0	0	10,889	257	164	3.92	VH	5	2
SC	358	Spruce Creek	0	158	0	37	0	3.85	VH	5	3
CNL	9,915	Longleaf Pine Ecosystem	0	332	5,540	73	13	3.64	VH	5	4
CNL	6,211	Corrigan Ranch	0	2,723	0	0	0	3.51	VH	5	5
CNL	29,262	Bombing Range Ridge	0	8,024	22	10,610	0	3.29	H	4	6
PRI	14,534	Sand Mountain	0	0	7,410	385	200	3.15	H	4	7
CNL	5,336	Triple Diamond	0	1,846	0	0	0	2.77	H	4	8
CNL	29,702	Lake Wales Ridge Ecosystem	0	6,764	192	5,695	37	2.44	H	4	9
CNL	2,188	Shoal River Buffer	0	0	440	833	12	2.36	H	4	10
CCL	174	Archie Carr Sea Turtle Refuge	0	0	64	0	0	2.20	H	4	11
CNL	2,389	Perdido Pitcher Plant Prairie	0	0	0	1,678	0	2.11	H	4	12
PRI	5,355	Watermelon Pond	0	58	1,685	1	12	1.98	M	3	13
LTF	1,064	Maytown Flatwoods	0	2	0	692	0	1.97	M	3	14
CCL	3,742	Taylor Sweetwater Creek	0	0	571	1,144	0	1.83	M	3	15
PRI	2,867	Clear Creek/Whiting Field	0	0	846	49	22	1.83	M	3	16
PRI	7,503	Hall Ranch	0	0	0	4,539	0	1.81	M	3	17
SC	3,077	Dickerson Bay/Bald Point	0	350	5	888	7	1.79	M	3	18
LTF	1,264	Old Town Creek Watershed	0	4	0	724	0	1.74	M	3	19
CNL	43,051	Blue Head Ranch	0	7,608	0	4,461	0	1.72	M	3	20
PRI	6,786	Charlotte Harbor Flatwoods	0	10	0	3,725	0	1.66	M	3	21
LTF	1,836	Hardee Flatwoods	0	18	0	940	0	1.62	M	3	22
CCL	1,157	Coupon Bight/Key Deer	119	61	26	0	0	1.59	M	3	23
PRI	8,796	Annutteliga Hammock	0	0	2,258	69	110	1.58	M	3	24
CCL	5,817	Florida Keys Ecosystem	4	1,056	85	0	0	1.55	M	3	25
LTF	3,522	Conlin Lake X	0	155	0	1,328	0	1.48	M	3	26
PRI	3,891	Flagler County Blueway	0	487	164	287	0	1.48	M	3	27
CNL	3,592	Lake Hatchineha Watershed	0	104	0	1,336	0	1.35	M	3	28
PRI	20,658	Brevard Coastal Scrub Ecosystem	0	2,283	0	2,804	0	1.29	M	3	29
CNL	11,355	South Goethe	0	13	2,341	172	0	1.29	M	3	30
CNL	22,386	Wekiva-Ocala Greenway	0	2,336	659	1,364	0	1.19	M	3	31
PRI	8,175	Atlantic Ridge Ecosystem	0	16	5	2,958	0	1.10	M	3	32
SC	2,657	South Walton County Ecosystem	0	64	12	768	0	1.09	M	3	33
PRI	3,231	Catfish Creek	0	155	65	599	0	1.06	M	3	34
LTF	40,848	Big Bend Swamp/Holopaw Ranch	0	1,726	17	9,393	0	1.03	M	3	35
PRI	3,969	Wakulla Springs Protection Zone	0	0	523	121	484	1.00	M	3	36
SC	5,886	Charlotte Harbor Estuary	0	14	29	1,841	0	0.99	ML	2	37
PRI	9,333	Pal-Mar	0	0	0	3,063	0	0.98	ML	2	38
CCL	3,252	Garcon Ecosystem	0	0	0	1,035	0	0.95	ML	2	39
CNL	4,925	Belle Meade	0	0	0	1,566	0	0.95	ML	2	40
PRI	12,440	Crossbar/Al Bar Ranch	0	324	1,091	591	0	0.88	ML	2	41
PRI	18,145	Indian River Lagoon Blueway	0	1,539	352	470	0	0.87	ML	2	42
LTF	16,316	Horse Creek Ranch	0	145	0	4,284	0	0.86	ML	2	43
LTF	2,338	Lower Perdido River Buffer	0	0	0	635	0	0.81	ML	2	44
CNL	52,558	Etoniah/Cross Florida Greenway	0	598	3,932	4,778	80	0.81	ML	2	45
PRI	1,059	Rainbow River Corridor	0	11	124	1	12	0.80	ML	2	46
CNL	23,239	Osceola Pine Savannas	0	210	11	5,411	0	0.77	ML	2	47
LTF	6,382	Limestone Ranch	0	10	0	1,598	0	0.76	ML	2	48
CNL	11,518	Strategic Managed Area Lands List	0	367	686	523	109	0.76	ML	2	49
LTF	3,428	Arbuckle Creek Watershed	0	164	0	332	0	0.67	ML	2	50
LTF	37,851	Kissimmee-St. Johns River Connector	0	2,352	0	2,160	0	0.67	ML	2	51
CNL	598	Southeastern Bat Maternity Caves	0	0	62	2	0	0.63	ML	2	52
CNL	21,895	Pine Island Slough Ecosystem	0	1,536	0	196	0	0.59	ML	2	53
LTF	122,213	Fisheating Creek Ecosystem	0	5,512	0	9,130	0	0.58	ML	2	54
LTF	32,990	Adams Ranch	0	2,173	0	254	0	0.55	ML	2	55
PRI	6,040	Florida's First Magnitude Springs	0	39	205	398	489	0.53	ML	2	56
LTF	3,881	Ochlockonee River Conservation Area	0	0	135	370	3	0.50	ML	2	57
LTF	30,057	Myakka Ranchlands	0	210	0	4,322	0	0.49	ML	2	58
CNL	9,594	Caloosahatchee Ecoscape	0	0	0	1,474	0	0.46	ML	2	59
CNL	11,182	Half Circle L Ranch	0	0	0	1,674	0	0.45	ML	2	60

NATURAL COMMUNITY SCORING METHOD

Multiplier Applied to Acres in Preliminary Score Calculation

GlobalRank	Multiplier
G1	10
G2	8
G3	6
G4	3
G5	1

Note that multipliers are determined by underlying resource data and will be different for different resource types.

Preliminary Score Calculation

((G1 Acres * 10) + (G2 Acres * 8) + (G3 Acres * 6) +
(G4 Acres * 3) + (G5 Acres *1))/ Remaining Acres in Project

NATURAL COMMUNITY GROUP ASSIGNMENT CRITERIA

	If score is:
Very High:	3.50 - 10 and >0 acres in Priorities 1, 2 or 3
High:	2.00 - 3.49
Medium:	1.00 - 1.99
Medium-Low:	0.25 - 0.99, OR < 0.25 and >0 acres in Priorities 1, 2 or 3
Low:	< 0.25 and 0 acres in Priorities 1, 2, or 3

* ***Group Code corresponds to value on Comparative Analysis table***

Sort Criteria

By Group then by Preliminary Score

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Category	Project Acres Remaining	Project	Resource Acres: Nat Com G-Rank 1	Nat Com G-Rank 2	Nat Com G-Rank 3	Nat Com G-Rank 4	Nat Com G-Rank 5	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
PRI	6,951	Pumpkin Hill Creek	0	2	177	674	0	0.45	ML	2	61
CNL	12,035	Upper Shoal River	0	0	218	1,262	3	0.42	ML	2	62
CNL	97,434	Bear Creek Forest	0	0	32	12,421	0	0.38	ML	2	63
CNL	54,862	Forest and Lakes Ecosystem	0	0	2,652	1,349	766	0.38	ML	2	64
CCL	17,194	St. Johns River Blueway	0	205	0	1,552	0	0.37	ML	2	65
CNL	39,382	Panther Glades	0	0	0	4,724	0	0.36	ML	2	66
LTF	2,214	Eastern Scarp Ranchlands	0	95	0	0	0	0.34	ML	2	67
PRI	31,188	Corkscrew Regional Ecosystem Watershed	0	3	0	3,525	0	0.34	ML	2	68
PRI	161,213	Green Swamp	0	122	290	16,935	326	0.33	ML	2	69
PRI	17,819	Volusia Conservation Corridor	0	47	0	1,693	0	0.31	ML	2	70
PRI	8,397	Baldwin Bay/St. Marys River	0	3	0	820	0	0.30	ML	2	71
CCL	10,971	Northeast Florida Blueway	0	12	59	884	0	0.28	ML	2	72
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	0	5	323	5,866	15	0.26	ML	2	73
LTF	96,707	Matanzas to Ocala Conservation Corridor	0	385	15	6,199	0	0.23	ML	2	74
LTF	12,519	Ranch Reserve	0	2	0	846	0	0.20	ML	2	75
PRI	13,666	Heather Island/Ocklawaha River	0	0	8	816	37	0.19	ML	2	76
CNL	53,737	Pinhook Swamp	0	0	2	3,191	373	0.19	ML	2	77
CCL	56,242	St. Joe Timberland	0	27	176	3,002	88	0.18	ML	2	78
CNL	32,282	Camp Blanding to Raiford Greenway	0	0	24	1,678	2	0.16	ML	2	79
CCL	4,511	West Bay Preservation Area	0	0	30	148	0	0.14	ML	2	80
CNL	4,689	Bear Hammock	0	0	70	76	0	0.14	ML	2	81
PRI	8,446	Pringle Creek Forest	0	0	14	261	0	0.10	ML	2	82
CNL	48,860	Apalachicola River	17	81	368	160	1,225	0.10	ML	2	83
CNL	22,186	Hixtown Swamp	0	0	16	347	798	0.09	ML	2	84
LTF	97,346	Coastal Headwaters Longleaf Forest	0	0	50	2,563	263	0.08	ML	2	85
PRI	10,253	Lafayette Forest	0	0	2	189	42	0.06	ML	2	86
SC	8,885	Florida Springs Coastal Greenway	0	2	0	161	0	0.06	ML	2	87
CNL	3,856	Wolfe Creek Forest	0	0	11	31	0	0.04	ML	2	88
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	0	0	19	10	2	0.02	ML	2	89
CCL	2,292	Terra Ceia	0	0	6	0	0	0.02	ML	2	90
LTF	25,611	Gulf Hammock	0	0	0	2,093	0	0.25	L	1	91
CNL	1,967	Natural Bridge Creek	0	0	0	149	0	0.23	L	1	92
CHR	562	Pierce Mound Complex	0	0	0	42	0	0.22	L	1	93
LTF	67,678	Raiford to Osceola Greenway	0	0	0	4,338	0	0.19	L	1	94
LTF	10,135	Mill Creek	0	0	0	641	7	0.19	L	1	95
CNL	44,999	San Pedro Bay	0	0	0	2,789	21	0.19	L	1	96
LTF	5,788	Ayavalla Plantation	0	0	0	236	292	0.17	L	1	97
CNL	14,908	Wacissa/Aucilla River Sinks	0	0	0	766	1	0.15	L	1	98
CHR	853	Battle of Wahoo Swamp	0	0	0	0	119	0.14	L	1	99
LTF	3,033	Peace River Refuge	0	0	0	129	0	0.13	L	1	100
CNL	1,717	Ichetucknee Trace	0	0	0	7	177	0.11	L	1	101
PRI	8,876	Lake Santa Fe	0	0	0	335	0	0.11	L	1	102
LTF	2,293	Little River Conservation Area	0	0	0	50	80	0.10	L	1	103
PRI	428	Carr Farm/Price's Scrub	0	0	0	0	39	0.09	L	1	104
LTF	14,153	North Waccasassa Flats	0	0	0	424	0	0.09	L	1	105
CNL	8,036	Twelvemile Slough	0	0	0	235	0	0.09	L	1	106
SC	4,446	Lochloosa Wildlife	0	0	0	108	0	0.07	L	1	107
LTF	25,339	Lower Suwannee River and Gulf Watershed	0	0	0	416	0	0.05	L	1	108
CNL	49,244	Devil's Garden	0	0	0	779	0	0.05	L	1	109
PRI	12,356	Middle Chipola River	0	0	0	117	124	0.04	L	1	110
PRI	2,348	Crayfish Habitat Restoration	0	0	0	27	0	0.03	L	1	111
PRI	8,378	Welannee Watershed Forest	0	0	0	74	41	0.03	L	1	112
LTF	710	West Aucilla River Buffer	0	0	0	2	10	0.02	L	1	113
CNL	12,428	Telogia Creek	0	0	0	43	0	0.01	L	1	114
CNL	1,665	Econfina Timberlands	0	0	0	0	14	0.01	L	1	115
PRI	4,693	Lochloosa Forest	0	0	0	12	0	0.01	L	1	116
SC	24	Save Our Everglades	0	0	0	0	0	0.01	L	1	117
LTF	10,996	Bluefield to Cow Creek	0	0	0	0	0	0.00	L	1	118
LTF	83	Millstone Plantation	0	0	0	0	0	0.00	L	1	119
CHR	144	Pineland Site Complex	0	0	0	0	0	0.00	L	1	120
LTF	376	San Felasco Conservation Corridor	0	0	0	0	0	0.00	L	1	121
LTF	1,254	Suwannee County Preservation	0	0	0	0	0	0.00	L	1	122

Natural Communities, continued

Category	Project Acres Remaining	Project	Resource Acres Nat Com G-Rank 1	Nat Com G-Rank 2	Nat Com G-Rank 3	Nat Com G-Rank 4	Nat Com G-Rank 5	Preliminary Score	Final Evaluation Group	Group Code*	Sort
CCL	655	Tiger Island/Little Tiger Island	0	0	0	0	0	0.00	L	1	123
PRI	451	Wilson Ranch	0	0	0	0	0	0.00	L	1	124
LTF	3,286	Withlacoochee River Corridor	0	0	0	0	0	0.00	L	1	125

Natural Communities, continued

SURFACE WATERS Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Resource Acres: Surface Waters Priority 1	Surface Waters Priority 2	Surface Waters Priority 3	Surface Waters Priority 4	Surface Waters Priority 5	Surface Waters Priority 6	Surface Waters Priority 7	Wtd Average PEU Class	Max PEU Score	Final Evaluation: Group	Group Code*	Sort
SC	3,077	Dickerson Bay/Bald Point	2,458	21	0	324	0	0	0	4.71	10.00	VH	5	1
CCL	3,252	Garcon Ecosystem	1,606	54	0	1,456	0	0	0	4.71	7.73	VH	5	2
CNL	48,860	Apalachicola River	8,334	23,366	8,678	4,060	2,975	225	75	4.65	9.11	VH	5	3
LTF	3,881	Ochlockonee River Conservation Area	0	2,547	532	722	41	0	0	4.46	8.00	H	4	4
CCL	2,292	Terra Ceia	1,993	17	0	128	0	0	0	4.33	10.00	H	4	5
CCL	4,511	West Bay Preservation Area	2,949	0	0	1,440	0	0	0	4.23	8.73	H	4	6
CCL	10,971	Northeast Florida Blueway	6,490	529	1,236	1,711	203	167	11	4.19	10.00	H	4	7
SC	24	Save Our Everglades	0	22	0	0	0	0	0	4.10	8.00	H	4	8
SC	5,886	Charlotte Harbor Estuary	3,434	226	0	1,616	0	0	0	4.09	10.00	H	4	9
CNL	97,434	Bear Creek Forest	27,905	1,824	19,925	16,750	21,557	5,604	856	4.00	6.11	H	4	10
PRI	12,356	Middle Chipola River	0	7,130	1,378	2,694	58	0	2	4.00	7.41	H	4	11
CNL	5,336	Triple Diamond	0	2,268	0	3,061	0	0	0	4.00	6.26	H	4	12
PRI	8,446	Pringle Creek Forest	2,505	52	413	3,848	374	975	267	4.00	6.04	H	4	13
CNL	11,182	Half Circle L Ranch	2,557	893	0	6,835	0	883	0	4.00	6.14	H	4	14
CNL	2,188	Shoal River Buffer	0	833	969	331	16	0	0	3.99	6.51	H	4	15
PRI	9,333	Pal-Mar	254	3,871	303	4,666	32	0	0	3.98	6.68	H	4	16
PRI	6,951	Pumpkin Hill Creek	2,736	79	478	2,633	613	224	77	3.98	10.00	H	4	17
PRI	8,378	Welannee Watershed Forest	0	4,503	1,235	1,955	445	0	0	3.97	6.94	H	4	18
SC	4,446	Lochloosa Wildlife	1,718	387	0	2,099	3	201	0	3.97	10.00	H	4	19
CNL	22,386	Wekiva-Ocala Greenway	7,743	2,117	10	10,755	244	1,004	0	3.92	10.00	H	4	20
PRI	31,188	Corkscrew Regional Ecosystem Watershed	214	12,728	0	15,145	2,154	818	0	3.90	9.32	H	4	21
LTF	97,346	Coastal Headwaters Longleaf Forest	20,376	6,453	14,995	31,348	18,336	203	4,307	3.84	9.50	H	4	22
CCL	56,242	St. Joe Timberland	12,309	4,754	236	31,226	1,277	4,468	0	3.83	10.00	H	4	23
LTF	1,836	Hardee Flatwoods	0	1,004	0	567	208	55	0	3.82	6.67	H	4	24
SC	2,657	South Walton County Ecosystem	1,134	103	38	703	28	0	0	3.82	7.89	H	4	25
CNL	23,239	Osceola Pine Savannas	3,494	5,683	5,301	7,015	1,470	0	0	3.82	6.96	H	4	26
PRI	2,867	Clear Creek/Whiting Field	0	1,094	48	1,425	69	125	0	3.80	6.24	H	4	27
LTF	3,428	Arbuckle Creek Watershed	0	1,470	0	1,601	351	0	0	3.73	8.00	H	4	28
CNL	14,908	Wacissa/Aucilla River Sinks	2,529	3,047	430	6,971	962	535	0	3.66	8.36	H	4	29
LTF	12,519	Ranch Reserve	1,313	865	4,062	3,621	2,500	1	0	3.65	9.39	H	4	30
CNL	4,925	Belle Meade	0	2,136	0	2,705	0	0	0	3.57	8.00	H	4	31
CCL	1,157	Coupon Bight/Key Deer	694	0	213	0	0	0	0	3.54	10.00	H	4	32
SC	8,885	Florida Springs Coastal Greenway	4,894	202	230	1,285	0	0	0	3.49	10.00	M	3	33
CCL	17,194	St. Johns River Blueway	0	4,384	6,016	5,017	1,536	14	0	3.42	7.80	M	3	34
LTF	30,057	Myakka Ranchlands	3,223	2,587	13,767	6,140	3,899	23	0	3.42	9.27	M	3	35
PRI	6,786	Charlotte Harbor Flatwoods	934	459	0	5,069	0	239	0	3.41	8.28	M	3	36
PRI	14,534	Sand Mountain	0	4,214	1,398	7,898	48	183	0	3.34	7.34	M	3	37
PRI	3,891	Flagler County Blueway	1,760	111	288	1,412	110	20	0	3.32	9.70	M	3	38
PRI	8,876	Lake Santa Fe	0	3,605	41	2,921	161	1,817	14	3.32	8.00	M	3	39
PRI	6,040	Florida's First Magnitude Springs	474	1,257	2,274	725	143	68	859	3.29	10.00	M	3	40
CCL	5,817	Florida Keys Ecosystem	4,696	7	716	0	0	54	0	3.26	10.00	M	3	41
CNL	12,035	Upper Shoal River	0	882	3,455	1,901	5,240	274	0	3.19	6.15	M	3	42
PRI	3,231	Catfish Creek	0	1,107	0	2,089	0	7	0	3.17	7.77	M	3	43
PRI	8,175	Atlantic Ridge Ecosystem	1,257	919	0	5,391	0	561	0	3.15	6.61	M	3	44
CNL	3,856	Wolfe Creek Forest	0	778	1,938	507	575	0	0	3.08	8.00	M	3	45
PRI	161,213	Green Swamp	3,341	21,838	269	59,303	12,142	55,504	2,759	3.02	8.00	M	3	46
SC	358	Spruce Creek	1	0	266	24	57	0	0	3.02	6.35	M	3	47
CNL	21,895	Pine Island Slough Ecosystem	275	2,242	25	18,055	19	1,271	0	3.02	8.66	M	3	48
CNL	52,558	Etoniah/Cross Florida Greenway	1,127	7,955	34	21,898	8,105	9,037	1,922	3.01	10.00	M	3	49
CNL	11,518	Strategic Managed Area Lands List	2,185	3,336	550	3,316	334	493	183	3.01	9.60	M	3	50
LTF	40,848	Big Bend Swamp/Holopaw Ranch	0	4,879	3,659	18,376	12,225	1,550	0	3.00	6.78	M	3	51
CNL	29,262	Bombing Range Ridge	0	3,651	0	22,596	2	2,704	0	3.00	7.18	M	3	52
CHL	562	Pierce Mound Complex	482	0	24	15	0	0	0	3.00	8.98	M	3	53
LTF	2,214	Eastern Scarp Ranchlands	0	91	0	2,026	92	0	0	3.00	5.08	M	3	54
LTF	37,851	Kissimmee-St. Johns River Connector	2,648	3,283	2,058	17,690	3,196	7,387	1,260	3.00	6.89	M	3	55
CNL	1,967	Natural Bridge Creek	0	0	0	1,408	537	0	0	3.00	4.66	M	3	56

SURFACE WATERS SCORING METHOD

Multiplier Applied to Acres in Preliminary Score Calculation

SURFACE WATERS	Multiplier
Priority 1	10
Priority 2	8
Priority 3	6
Priority 4	5
Priority 5	4
Priority 6	2
Priority 7	1

Note that multipliers are determined by underlying resource data and will be different for different resource types.

Preliminary Score Calculation - calculated on Project Evaluation Units (PEU). Remaining areas of each project are grouped into separate contiguous units (PEU) for analysis.

((Priority 1 Acres * 10) + (Priority 2 Acres * 8) + (Priority 3 Acres * 6) + (Priority 4 Acres * 5) + (Priority 5 Acres * 4) + (Priority 6 Acres * 2) + (Priority 7 Acres * 1)) / Remaining Acres in Project

PEU Group Assignment Criteria

CLASS CRITERIA	Score	AND	PEU Rem Ac	AND	PEU Full Ac
VERY HIGH	7+		1,000+ in P1-2 comb.		2,500+
HIGH	6 - 6.99				1,000+
MEDIUM	3.75 - 5.99				250+
MED LOW	2 - 3.74				50+
	or <2		>0 in P1		50+
LOW	remaining PEUs				

SURFACE WATERS GROUP ASSIGNMENT CRITERIA

PEUs classes for each project are averaged, weighted by PEU acres.

	If average PEU class is:
Very High:	4.5+
High:	3.5 - 4.49
Medium:	2.5 - 3.49
Medium-Low:	1.5 - 2.49
Low:	<1.5

**** Group Code corresponds to value on Comparative Analysis table***

See next page, cont.

Category	Project Acres Remaining	Project	Resource Acres: Surface Waters Priority 1	Surface Waters Priority 2	Surface Waters Priority 3	Surface Waters Priority 4	Surface Waters Priority 5	Surface Waters Priority 6	Surface Waters Priority 7	Wtd Average PEU Class	Max PEU Score	Final Evaluation: Group	Group Code*	Sort
PRI	12,440	Crossbar/Al Bar Ranch	0	3,631	0	4,523	2,129	2,090	35	3.00	5.17	M	3	57
CNL	8,036	Twelvemile Slough	0	1,676	9	5,723	248	325	0	3.00	5.78	M	3	58
CNL	39,382	Panther Glades	0	3,778	0	19,387	39	16,032	0	3.00	7.21	M	3	59
PRI	7,503	Hall Ranch	929	228	0	6,261	0	0	0	3.00	5.65	M	3	60
LTF	2,338	Lower Perdido River Buffer	0	0	0	1,542	636	104	40	3.00	4.49	M	3	61
CNL	3,592	Lake Hatchineha Watershed	0	681	0	2,884	0	0	0	3.00	5.81	M	3	62
CNL	12,428	Telogia Creek	0	0	1,666	4,098	5,997	414	0	3.00	4.45	M	3	63
PRI	4,693	Lochloosa Forest	0	723	0	2,715	111	1,100	38	3.00	4.70	M	3	64
LTF	16,316	Horse Creek Ranch	0	0	2,793	509	8,971	2,878	982	3.00	3.79	M	3	65
CNL	1,665	Econfina Timberlands	0	135	218	357	934	1	0	3.00	5.61	M	3	66
LTF	2,293	Little River Conservation Area	0	734	0	1,019	516	0	0	3.00	5.68	M	3	67
CNL	9,594	Caloosahatchee Ecoscape	0	952	0	7,829	0	784	0	3.00	5.49	M	3	68
LTF	5,788	Ayavalla Plantation	0	1,780	672	2,160	966	0	0	3.00	5.70	M	3	69
PRI	451	Wilson Ranch	0	29	0	412	3	6	0	3.00	5.14	M	3	70
CNL	43,051	Blue Head Ranch	1,536	3,548	0	12,282	24,462	21	1,094	3.00	4.74	M	3	71
LTF	25,611	Gulf Hammock	6,715	255	71	12,577	93	5,036	0	3.00	5.59	M	3	72
CNL	54,862	Forest and Lakes Ecosystem	1,354	5,069	8,590	15,075	18,296	1,917	2,718	3.00	7.43	M	3	73
PRI	13,666	Heather Island/Ocklawaha River	752	1,045	141	7,989	214	3,436	0	3.00	5.19	M	3	74
LTF	3,033	Peace River Refuge	0	93	0	1,987	808	0	0	2.99	4.58	M	3	75
LTF	3,286	Withlacoochee River Corridor	0	592	2,368	154	90	0	0	2.99	7.62	M	3	76
CNL	6,211	Corrigan Ranch	0	1,478	0	4,704	0	0	0	2.99	5.70	M	3	77
PRI	10,253	Lafayette Forest	0	2,047	17	4,770	700	1,761	308	2.99	7.48	M	3	78
CCL	3,742	Taylor Sweetwater Creek	974	59	0	1,885	237	542	0	2.99	5.78	M	3	79
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	0	2,423	739	2,743	530	277	0	2.99	5.84	M	3	80
CNL	2,389	Perdido Pitcher Plant Prairie	269	163	0	1,137	24	704	37	2.98	9.72	M	3	81
CNL	4,689	Bear Hammock	487	0	0	1,629	6	2,540	0	2.94	3.92	M	3	82
CCL	655	Tiger Island/Little Tiger Island	640	0	0	0	0	0	0	2.93	10.00	M	3	83
PRI	2,348	Crayfish Habitat Restoration	398	0	0	1,896	0	0	0	2.91	5.76	M	3	84
PRI	20,658	Brevard Coastal Scrub Ecosystem	3,066	1,652	0	10,921	285	3,633	0	2.89	10.00	M	3	85
LTF	1,254	Suwannee County Preservation	0	303	13	638	271	0	0	2.88	7.84	M	3	86
PRI	1,059	Rainbow River Corridor	330	35	0	479	82	102	0	2.86	7.84	M	3	87
CNL	29,702	Lake Wales Ridge Ecosystem	146	5,716	0	14,360	904	5,301	1,656	2.84	7.65	M	3	88
LTF	376	San Felasco Conservation Corridor	0	0	0	199	177	0	0	2.77	4.93	M	3	89
LTF	122,213	Fisheating Creek Ecosystem	1,596	10,161	1,777	62,098	21,324	8,232	15,746	2.72	8.02	M	3	90
LTF	3,522	Conlin Lake X	0	0	0	899	2,451	23	0	2.69	4.38	M	3	91
LTF	710	West Aucilla River Buffer	0	14	205	29	429	0	0	2.66	5.40	M	3	92
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	48	8,032	4,403	20,751	21,380	14,762	1,102	2.58	9.55	M	3	93
CNL	11,355	South Goethe	584	80	679	2,206	1,429	6,098	109	2.54	4.62	M	3	94
LTF	32,990	Adams Ranch	0	3,781	81	14,510	279	14,192	0	2.54	5.69	M	3	95
LTF	25,339	Lower Suwannee River and Gulf Watershed	2,436	203	4	9,089	0	12,696	0	2.53	4.88	M	3	96
CCL	174	Archie Carr Sea Turtle Refuge	113	0	0	25	0	1	0	2.44	10.00	ML	2	97
CNL	1,717	Ichetucknee Trace	0	169	452	496	0	565	0	2.38	8.00	ML	2	98
LTF	1,264	Old Town Creek Watershed	0	0	0	219	613	403	0	2.37	3.93	ML	2	99
PRI	18,145	Indian River Lagoon Blueway	4,919	18	0	2,593	0	8,383	1,193	2.36	10.00	ML	2	100
LTF	16,916	Red Hills Conservation	0	312	0	4,775	7,016	1,928	2,592	2.31	4.31	ML	2	101
PRI	3,969	Wakulla Springs Protection Zone	27	343	128	1,664	154	1,260	260	2.24	6.48	ML	2	102
CNL	598	Southeastern Bat Maternity Caves	28	407	16	11	0	38	62	2.14	8.18	ML	2	103
PRI	17,819	Volusia Conservation Corridor	0	1,239	0	6,731	485	6,718	2,184	2.12	5.15	ML	2	104
PRI	8,397	Baldwin Bay/St. Marys River	0	26	22	2,088	1,476	3,297	1,266	2.04	4.33	ML	2	105
CNL	32,282	Camp Blanding to Raiford Greenway	0	316	0	3,399	5,294	19,877	1,546	2.03	4.47	ML	2	106
CHL	144	Pineland Site Complex	96	0	0	37	0	0	0	2.02	7.87	ML	2	107
PRI	428	Carr Farm/Price's Scrub	0	0	0	231	0	191	0	2.00	3.60	ML	2	108
LTF	6,382	Limestone Ranch	0	0	529	1,125	2,163	2,145	344	2.00	3.46	ML	2	109
LTF	67,678	Raiford to Osceola Greenway	0	1,145	1,211	14,294	10,424	27,476	11,144	2.00	2.89	ML	2	110
CNL	22,186	Hixtown Swamp	0	0	0	390	5,202	12,274	3,660	2.00	2.29	ML	2	111
LTF	96,707	Matanzas to Ocala Conservation Corridor	320	3,245	658	10,983	21,726	40,525	18,850	2.00	2.84	ML	2	112
CHL	853	Battle of Wahoo Swamp	0	0	14	82	453	303	0	2.00	3.41	ML	2	113
LTF	14,153	North Waccasassa Flats	0	0	0	1,232	4,200	2,777	5,487	2.00	2.40	ML	2	114

SURFACE WATERS SCORING METHOD, cont.

Sort
By Group, then by Average PEU Class, then by Max PEU Score

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Surface Waters, continued

Surface Waters, continued

Category	Project Acres Remaining	Project	Resource Acres: Surface Waters Priority 1	Surface Waters Priority 2	Surface Waters Priority 3	Surface Waters Priority 4	Surface Waters Priority 5	Surface Waters Priority 6	Surface Waters Priority 7	Wtd Average PEU Class	Max PEU Score	Final Evaluation: Group	Group Code*	Sort
LTF	10,135	Mill Creek	0	216	0	1,729	587	7,260	328	2.00	2.72	ML	2	115
CNL	53,737	Pinhook Swamp	1,171	2,237	706	9,380	3,274	29,166	6,470	1.97	9.95	ML	2	116
LTF	83	Millstone Plantation	0	0	0	59	0	0	0	1.96	3.45	ML	2	117
CNL	44,999	San Pedro Bay	0	19	4,792	3,126	18,043	1,948	15,400	1.93	5.32	ML	2	118
PRI	5,355	Watermelon Pond	0	46	0	1,346	0	2,113	1,277	1.62	4.16	ML	2	119
CNL	9,915	Longleaf Pine Ecosystem	0	19	0	183	1,347	4,758	3,404	1.32	4.93	L	1	120
PRI	8,796	Annutteliga Hammock	0	56	0	498	14	5,982	1,300	1.32	2.48	L	1	121
CNL	49,244	Devil's Garden	388	1,305	0	6,995	3,511	2,771	33,938	1.27	6.90	L	1	122
PRI	303	Dade County Archipelago	0	15	0	61	13	135	58	1.11	6.71	L	1	123
SC	1,064	Maytown Flatwoods	0	0	0	0	0	1,059	3	1.00	2.00	L	1	124
LTF	10,996	Bluefield to Cow Creek	0	0	0	0	0	10,985	0	1.00	2.00	L	1	125

WETLANDS & FLOODPLAIN Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Resource Acres: Wetlds-Fldpln Priority 1	Wetlds-Fldpln Priority 2	Wetlds-Fldpln Priority 3	Wetlds-Fldpln Priority 4	Wetlds-Fldpln Priority 5	Wetlds-Fldpln Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
CCL	655	Tiger Island/Little Tiger Island	608	40	3	1	0	0	9.80	VH	5	1
LTF	3,077	Dickerson Bay/Bald Point	473	1,453	875	100	0	0	7.15	VH	5	2
CNL	48,860	Apalachicola River	15,278	18,562	6,670	990	0	0	7.07	VH	5	3
LTF	3,742	Taylor Sweetwater Creek	1,448	1,214	185	2	0	0	6.76	H	4	4
CCL	3,252	Garcon Ecosystem	541	1,414	829	38	0	0	6.72	H	4	5
CCL	5,817	Florida Keys Ecosystem	1,183	2,221	1,117	576	51	0	6.66	H	4	6
CHR	853	Battle of Wahoo Swamp	0	487	296	1	0	0	6.65	H	4	7
CCL	8,885	Florida Springs Coastal Greenway	3,619	2,033	738	230	4	0	6.51	H	4	8
CNL	2,292	Terra Ceia	774	297	348	389	242	120	6.27	H	4	9
PRI	9,333	Pal-Mar	3,377	2,012	1,139	263	21	4	6.19	H	4	10
PRI	31,188	Corkscrew Regional Ecosystem Watershed	6,910	8,744	5,853	3,331	1,760	1,679	6.18	H	4	11
SC	5,886	Charlotte Harbor Estuary	1,469	1,581	1,056	497	235	43	6.15	H	4	12
SC	24	Save Our Everglades	0	7	15	0	0	0	6.13	H	4	13
LTF	2,188	Shoal River Buffer	316	1,130	129	11	0	0	5.95	M	3	14
CNL	14,908	Wacissa/Aucilla River Sinks	2,273	4,347	2,119	4,241	17	0	5.85	M	3	15
LTF	3,033	Peace River Refuge	0	933	1,432	363	100	19	5.85	M	3	16
PRI	18,145	Indian River Lagoon Blueway	5,105	4,386	2,031	1,642	257	100	5.81	M	3	17
CCL	1,157	Coupon Bight/Key Deer	95	354	299	164	27	2	5.44	M	3	18
CCL	3,286	Withlacoochee River Corridor	536	908	653	317	28	0	5.44	M	3	19
CNL	2,389	Perdido Pitcher Plant Prairie	209	593	928	80	3	0	5.33	M	3	20
SC	1,665	Econfina Timberlands	121	603	387	115	0	0	5.30	M	3	21
CHR	562	Pierce Mound Complex	0	71	308	112	0	0	5.10	M	3	22
CNL	4,925	Belle Meade	901	1,026	569	462	398	1,424	5.02	M	3	23
CNL	11,182	Half Circle L Ranch	1,142	2,676	1,359	1,723	2,514	1,752	4.89	M	3	24
LTF	3,522	Conlin Lake X	484	935	577	321	6	0	4.85	M	3	25
CNL	4,511	West Bay Preservation Area	249	505	1,342	1,813	0	0	4.84	M	3	26
LTF	40,848	Big Bend Swamp/Holopaw Ranch	8,760	7,713	4,822	3,776	2,116	68	4.84	M	3	27
CCL	11,518	Strategic Managed Area Lands List	2,813	2,264	903	960	7	20	4.82	M	3	28
CCL	174	Archie Carr Sea Turtle Refuge	3	86	17	3	2	0	4.80	M	3	29
CNL	22,186	Hixtown Swamp	3,486	5,722	4,105	144	8	0	4.77	M	3	30
CNL	44,999	San Pedro Bay	0	2,670	19,860	18,487	0	0	4.77	M	3	31
LTF	25,339	Lower Suwannee River and Gulf Watershed	1,891	4,218	5,211	9,136	0	0	4.75	M	3	32
LTF	14,153	North Waccasassa Flats	92	3,489	6,371	9	0	0	4.74	M	3	33
LTF	25,611	Gulf Hammock	0	1,697	8,121	14,701	16	2	4.73	M	3	34
CNL	39,382	Panther Glades	5,608	5,525	3,916	11,614	5,227	4,377	4.70	M	3	35
LTF	3,881	Ochlockonee River Conservation Area	831	970	322	45	0	0	4.69	M	3	36
SC	56,242	St. Joe Timberland	1,785	6,874	13,801	25,604	62	0	4.59	M	3	37
LTF	1,836	Hardee Flatwoods	0	823	237	77	19	0	4.55	M	3	38
SC	598	Southeastern Bat Maternity Caves	4	222	142	6	0	0	4.50	M	3	39
SC	4,446	Lochloosa Wildlife	1	1,160	1,719	58	0	0	4.46	M	3	40
CNL	17,819	Volusia Conservation Corridor	1,150	4,900	3,102	1,892	388	6	4.36	M	3	41
LTF	8,036	Twelvemile Slough	823	1,241	926	1,295	2,173	1,352	4.30	M	3	42
PRI	8,397	Baldwin Bay/St. Marys River	950	1,531	1,558	834	74	0	4.12	M	3	43
CNL	22,386	Wekiva-Ocala Greenway	4,928	3,204	1,893	1,151	60	14	4.06	M	3	44
PRI	3,891	Flagler County Blueway	61	817	1,194	332	45	11	4.05	M	3	45
PRI	8,378	Welannee Watershed Forest	61	2,102	2,414	464	0	0	4.03	M	3	46
LTF	1,064	Maytown Flatwoods	306	146	5	0	0	0	4.01	M	3	47
CCL	5,336	Triple Diamond	1,157	719	368	248	306	71	3.97	ML	2	48
CCL	10,971	Northeast Florida Blueway	39	1,074	4,127	1,863	481	275	3.87	ML	2	49
LTF	2,293	Little River Conservation Area	165	579	339	122	0	0	3.84	ML	2	50
CNL	53,737	Pinhook Swamp	1,167	5,395	17,149	9,075	1	0	3.61	ML	2	51
LTF	2,338	Lower Perdido River Buffer	0	35	934	595	86	0	3.61	ML	2	52
PRI	161,213	Green Swamp	5,107	23,604	44,970	15,307	3,407	181	3.59	ML	2	53
PRI	8,175	Atlantic Ridge Ecosystem	1,293	750	991	687	307	35	3.46	ML	2	54
PRI	29,262	Bombing Range Ridge	7,146	2,701	1,074	352	39	0	3.45	ML	2	55
PRI	10,253	Lafayette Forest	80	618	2,278	3,856	0	0	3.40	ML	2	56
CNL	23,239	Osceola Pine Savannas	2,072	3,467	3,231	1,681	1,038	35	3.30	ML	2	57
LTF	96,707	Matanzas to Ocala Conservation Corridor	6,101	10,533	18,153	16,067	156	6	3.30	ML	2	58
PRI	8,446	Pringle Creek Forest	73	1,296	1,227	2,245	18	0	3.25	ML	2	59
CHR	144	Pineland Site Complex	0	0	15	79	21	16	3.22	ML	2	60

WETLANDS-FLOODPLAIN SCORING METHOD

Minimum Area Threshold

None

Multiplier Applied to Acres in Preliminary Score Calculation

WETLDS-FLDPLN	Multiplier
Priority 1	10
Priority 2	8
Priority 3	6
Priority 4	4
Priority 5	2
Priority 6	1

Note that multipliers are determined by underlying resource data and will be different for different resource types.

Preliminary Score Calculation

((Priority 1 Acres * 10) + (Priority 2 Acres * 8) + (Priority 3 Acres * 6) + (Priority 4 Acres * 4) + (Priority 5 Acres * 2) + (Priority 6 Acres * 1)) / Remaining Acres in Project

WETLANDS-FLOODPLAIN GROUP ASSIGNMENT CRITERIA

	If score is:
Very High:	7.00 - 10 and >0 acres in Priority 1
High:	6.00 - 6.99
Medium:	4.00 - 5.99
Medium-Low:	1.50 - 2.99, OR <1.50 and >0 acres in Priority 1
Low:	<1.50 and 0 acres in Priority 1

* ***Group Code corresponds to value on Comparative Analysis table***

Sort Criteria

By Group then by Preliminary Score

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Category	Project Acres Remaining	Project	Resource Acres: Wetlds-Fldpln Priority 1	Wetlds-Fldpln Priority 2	Wetlds-Fldpln Priority 3	Wetlds-Fldpln Priority 4	Wetlds-Fldpln Priority 5	Wetlds-Fldpln Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
CCL	20,658	Brevard Coastal Scrub Ecosystem	1,386	2,320	3,463	2,419	451	2,036	3.19	ML	2	61
LTF	10,135	Mill Creek	237	1,737	1,246	1,668	863	107	3.18	ML	2	62
CNL	358	Spruce Creek	0	32	81	98	0	0	3.17	ML	2	63
LTF	67,678	Raiford to Osceola Greenway	3,639	4,891	10,898	17,740	0	0	3.13	ML	2	64
PRI	2,348	Crayfish Habitat Restoration	0	0	294	1,326	34	101	3.08	ML	2	65
CNL	32,282	Camp Blanding to Raiford Greenway	1,349	2,505	5,978	7,185	382	81	3.07	ML	2	66
LTF	451	Wilson Ranch	0	0	30	215	166	5	3.07	ML	2	67
CNL	2,657	South Walton County Ecosystem	10	161	992	159	48	0	3.04	ML	2	68
PRI	3,231	Catfish Creek	350	264	159	303	593	646	2.97	ML	2	69
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	13	507	2,234	725	0	0	2.96	ML	2	70
LTF	122,213	Fisheating Creek Ecosystem	5,624	14,003	17,388	13,848	13,369	3,115	2.93	ML	2	71
CCL	49,244	Devil's Garden	334	1,923	7,838	11,889	11,630	7,461	2.92	ML	2	72
CNL	43,051	Blue Head Ranch	1,783	5,766	5,674	4,957	3,026	357	2.89	ML	2	73
PRI	12,356	Middle Chipola River	0	103	2,274	4,871	127	6	2.77	ML	2	74
CNL	52,558	Etoniah/Cross Florida Greenway	2,533	6,255	11,230	324	39	1	2.74	ML	2	75
CCL	17,194	St. Johns River Blueway	190	868	3,195	4,578	336	111	2.74	ML	2	76
PRI	6,786	Charlotte Harbor Flatwoods	637	503	628	908	345	0	2.72	ML	2	77
CCL	12,428	Telogia Creek	202	1,724	2,670	482	0	0	2.72	ML	2	78
PRI	13,666	Heather Island/Ocklawaha River	845	2,751	799	427	48	0	2.71	ML	2	79
CNL	3,592	Lake Hatchineha Watershed	77	635	392	270	86	0	2.63	ML	2	80
LTF	37,851	Kissimmee-St. Johns River Connector	887	2,022	4,966	7,959	6,075	229	2.62	ML	2	81
CNL	10,996	Bluefield to Cow Creek	12	1,938	1,562	774	273	2	2.61	ML	2	82
PRI	7,503	Hall Ranch	982	860	362	32	25	0	2.54	ML	2	83
LTF	3,428	Arbuckle Creek Watershed	0	403	698	248	98	1	2.51	ML	2	84
PRI	6,951	Pumpkin Hill Creek	374	627	710	1,009	50	1	2.47	ML	2	85
LTF	5,788	Ayavalla Plantation	68	635	1,267	97	0	0	2.38	ML	2	86
CNL	97,434	Bear Creek Forest	0	338	13,839	35,586	44	0	2.34	ML	2	87
PRI	6,040	Florida's First Magnitude Springs	75	1,001	795	126	29	1	2.33	ML	2	88
CNL	29,702	Lake Wales Ridge Ecosystem	1,506	2,757	3,714	2,126	397	44	2.31	ML	2	89
PRI	8,876	Lake Santa Fe	122	651	1,098	1,853	48	0	2.31	ML	2	90
LTF	30,057	Myakka Ranchlands	527	1,862	4,219	4,917	1,928	196	2.30	ML	2	91
PRI	14,534	Sand Mountain	708	2,189	1,196	44	0	0	2.20	ML	2	92
CNL	9,594	Caloosahatchee Ecoscape	36	331	1,321	1,161	1,653	1,428	2.12	ML	2	93
CNL	6,211	Corrigan Ranch	385	422	721	280	50	7	2.06	ML	2	94
CNL	1,967	Natural Bridge Creek	129	203	115	101	0	0	2.04	ML	2	95
LTF	6,382	Limestone Ranch	145	530	645	694	80	13	1.96	ML	2	96
CNL	4,689	Bear Hammock	1	2	1,131	582	5	0	1.95	ML	2	97
LTF	12,519	Ranch Reserve	0	67	2,551	1,769	466	0	1.91	ML	2	98
CNL	11,355	South Goethe	20	868	1,110	1,918	59	0	1.90	ML	2	99
CNL	1,254	Suwannee County Preservation	0	7	183	279	12	0	1.83	ML	2	100
LTF	1,264	Old Town Creek Watershed	0	163	90	95	5	0	1.77	ML	2	101
LTF	376	San Felasco Conservation Corridor	0	0	0	154	11	0	1.70	ML	2	102
PRI	4,693	Lochloosa Forest	0	11	616	994	0	0	1.65	ML	2	103
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	204	1,132	9,186	13,385	1,119	12	1.64	ML	2	104
CNL	54,862	Forest and Lakes Ecosystem	260	1,399	6,920	7,808	10	1	1.58	ML	2	105
LTF	16,316	Horse Creek Ranch	8	1,222	1,502	1,491	289	43	1.56	ML	2	106
PRI	710	West Aucilla River Buffer	0	26	10	206	0	0	1.55	ML	2	107
LTF	32,990	Adams Ranch	105	1,187	3,355	3,363	3,100	621	1.54	ML	2	108
PRI	12,440	Crossbar/Al Bar Ranch	0	623	796	2,061	500	111	1.54	ML	2	109
PRI	428	Carr Farm/Price's Scrub	0	47	29	25	0	0	1.52	ML	2	110
LTF	16,916	Red Hills Conservation	849	1,090	1,183	324	6	0	1.51	ML	2	111
PRI	8,796	Annutteliga Hammock	48	796	891	220	9	0	1.49	ML	2	112
CNL	12,035	Upper Shoal River	3	194	1,285	1,849	0	0	1.39	ML	2	113
LTF	97,346	Coastal Headwaters Longleaf Forest	18	1,030	11,626	11,341	579	26	1.28	ML	2	114
PRI	5,355	Watermelon Pond	262	266	124	47	0	0	1.06	ML	2	115
CNL	21,895	Pine Island Slough Ecosystem	28	249	1,470	1,385	2,684	412	1.02	ML	2	116
CNL	9,915	Longleaf Pine Ecosystem	63	538	352	54	3	0	0.73	ML	2	117
SC	3,969	Wakulla Springs Protection Zone	54	49	110	218	47	2	0.64	ML	2	118
CNL	303	Dade County Archipelago	0	0	8	47	34	73	1.25	L	1	119
PRI	1,059	Rainbow River Corridor	0	0	159	69	35	3	1.23	L	1	120
CNL	3,856	Wolfe Creek Forest	0	97	76	387	0	0	0.72	L	1	121
PRI	2,867	Clear Creek/Whiting Field	0	11	167	59	1	0	0.46	L	1	122

Wetlands/Floodplain, continued

Category	Project Acres Remaining	Project	Resource Acres: WetIds-FldpIn Priority 1	WetIds-FldpIn Priority 2	WetIds-FldpIn Priority 3	WetIds-FldpIn Priority 4	WetIds-FldpIn Priority 5	WetIds-FldpIn Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
CNL	2,214	Eastern Scarp Ranchlands	0	0	6	79	132	175	0.36	L	1	123
CNL	1,717	Ichetucknee Trace	0	1	0	91	93	50	0.35	L	1	124
LTF	83	Millstone Plantation	0	0	3	3	0	0	0.34	L	1	125

Wetlands/Floodplain, continued

SUSTAINABLE FORESTRY Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Resource Acres: Forestry Priority 1	Forestry Priority 2	Forestry Priority 3	Forestry Priority 4	Forestry Priority 5	Wtd Average PEU Class	Max PEU Score	Final Evaluation: Group	Group Code*	Sort
PRI	7,503	Hall Ranch	4,523	147	251	0	1,239	5.00	6.51	VH	5	1
CNL	97,434	Bear Creek Forest	42,448	39,680	2,152	0	1,619	5.00	7.74	VH	5	2
LTF	67,678	Raiford to Osceola Greenway	36,515	7,271	1,384	0	2,370	5.00	6.39	VH	5	3
CNL	32,282	Camp Blanding to Raiford Greenway	16,586	1,874	1,790	0	1,948	4.91	6.08	VH	5	4
CNL	12,035	Upper Shoal River	0	6,837	2,866	0	735	4.00	6.11	H	4	5
PRI	4,693	Lochloosa Forest	0	0	3,808	0	3	4.00	4.06	H	4	6
CNL	54,862	Forest and Lakes Ecosystem	5,427	28,044	7,096	0	3,100	4.00	5.79	H	4	7
CNL	1,967	Natural Bridge Creek	0	1,489	46	0	57	4.00	6.20	H	4	8
CNL	2,188	Shoal River Buffer	483	149	597	0	0	3.99	4.13	H	4	9
PRI	10,253	Lafayette Forest	2,810	1,844	1,028	0	49	3.99	6.68	H	4	10
CNL	4,689	Bear Hammock	2,435	694	138	0	6	3.97	6.58	H	4	11
CNL	53,737	Pinhook Swamp	19,339	10,018	3,422	0	908	3.95	10.00	H	4	12
CNL	3,856	Wolfe Creek Forest	35	3,162	115	0	3	3.93	7.08	H	4	13
PRI	2,348	Crayfish Habitat Restoration	277	438	1,340	0	38	3.91	5.71	H	4	14
PRI	14,534	Sand Mountain	4,378	1,829	2,983	0	910	3.88	9.98	H	4	15
CNL	44,999	San Pedro Bay	6,661	10,319	5,665	0	26	3.85	7.00	H	4	16
CCL	56,242	St. Joe Timberland	673	17,141	19,074	0	1,301	3.81	7.86	H	4	17
LTF	97,346	Coastal Headwaters Longleaf Forest	3,793	27,024	43,979	0	805	3.77	7.91	H	4	18
CNL	52,558	Etoniah/Cross Florida Greenway	4,525	9,704	18,140	0	2,997	3.63	8.19	H	4	19
CNL	9,915	Longleaf Pine Ecosystem	0	260	6,776	0	623	3.61	7.90	H	4	20
CNL	11,355	South Goethe	4,105	424	1,126	0	2,320	3.54	5.93	H	4	21
PRI	13,666	Heather Island/Ocklawaha River	0	3,459	5,127	0	719	3.47	8.00	M	3	22
LTF	25,339	Lower Suwannee River and Gulf Watershed	5,128	1,314	4,797	0	71	3.47	4.16	M	3	23
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	4,540	11,870	22,786	0	11,301	3.43	8.00	M	3	24
LTF	16,916	Red Hills Conservation	0	6,856	867	0	1,761	3.38	5.08	M	3	25
LTF	1,264	Old Town Creek Watershed	0	0	724	0	107	3.31	4.11	M	3	26
PRI	3,969	Wakulla Springs Protection Zone	554	1,004	379	0	588	3.21	5.92	M	3	27
PRI	6,786	Charlotte Harbor Flatwoods	0	3,043	376	0	1,958	3.19	8.00	M	3	28
PRI	6,040	Florida's First Magnitude Springs	592	422	1,569	0	1,059	3.13	10.00	M	3	29
CNL	14,908	Wacissa/Aucilla River Sinks	461	1,688	5,499	0	0	3.11	8.00	M	3	30
CNL	2,389	Perdido Pitcher Plant Prairie	0	0	1,590	0	188	3.03	5.00	M	3	31
SC	1,064	Maytown Flatwoods	0	5	796	0	6	3.00	4.47	M	3	32
LTF	2,293	Little River Conservation Area	0	0	1,139	0	73	3.00	2.51	M	3	33
PRI	8,397	Baldwin Bay/St. Marys River	0	71	4,240	0	377	3.00	2.66	M	3	34
LTF	2,338	Lower Perdido River Buffer	0	0	1,751	0	14	3.00	3.75	M	3	35
PRI	12,440	Crossbar/Al Bar Ranch	0	0	6,787	0	2,044	3.00	2.89	M	3	36
CNL	12,428	Telogia Creek	0	0	8,274	0	10	3.00	3.33	M	3	37
LTF	96,707	Matanzas to Ocala Conservation Corridor	0	24,780	30,558	0	1,834	3.00	3.65	M	3	38
LTF	14,153	North Waccasassa Flats	0	3,883	2,223	0	996	3.00	3.05	M	3	39
PRI	8,446	Pringle Creek Forest	0	2,685	2,137	0	18	3.00	3.81	M	3	40
LTF	1,254	Suwannee County Preservation	0	0	889	0	0	3.00	3.57	M	3	41
LTF	25,611	Gulf Hammock	0	0	12,994	0	0	3.00	2.54	M	3	42
LTF	710	West Aucilla River Buffer	0	0	399	0	60	3.00	3.11	M	3	43
LTF	10,135	Mill Creek	0	0	4,618	0	1,806	2.99	2.48	M	3	44
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	0	1,746	2,356	0	31	2.98	3.74	M	3	45
PRI	8,378	Welannee Watershed Forest	0	293	3,865	0	277	2.98	3.44	M	3	46
CNL	29,262	Bombing Range Ridge	474	6,799	2,684	0	199	2.98	2.53	M	3	47
CCL	4,511	West Bay Preservation Area	129	40	2,559	0	162	2.98	4.99	M	3	48
PRI	2,867	Clear Creek/Whiting Field	0	0	1,884	0	343	2.97	3.57	M	3	49
SC	2,657	South Walton County Ecosystem	0	281	810	0	294	2.91	7.48	M	3	50
LTF	1,836	Hardee Flatwoods	0	0	1,047	0	259	2.91	3.23	M	3	51
SC	3,077	Dickerson Bay/Bald Point	348	24	799	0	13	2.91	5.00	M	3	52
PRI	5,355	Watermelon Pond	0	0	2,975	0	780	2.88	4.69	M	3	53
PRI	8,876	Lake Santa Fe	0	0	5,305	0	392	2.88	5.00	M	3	54
LTF	122,213	Fisheating Creek Ecosystem	4,593	11,875	19,488	0	1,317	2.83	4.00	M	3	55
PRI	12,356	Middle Chipola River	257	538	4,225	0	574	2.79	5.00	M	3	56
LTF	376	San Felasco Conservation Corridor	0	125	137	0	2	2.78	5.06	M	3	57
SC	358	Spruce Creek	0	0	206	0	3	2.74	3.44	M	3	58
PRI	6,951	Pumpkin Hill Creek	0	0	3,492	0	389	2.61	5.00	M	3	59
PRI	8,796	Annutteliga Hammock	49	2,379	323	0	261	2.58	6.96	M	3	60

SUSTAINABLE FORESTRY SCORING METHOD

Multiplier Applied to Acres in Preliminary Score Calculation

FORESTRY	Multiplier
Priority 1	10
Priority 2	8
Priority 3	5
Priority 4	3
Priority 5	1

*Note that multipliers are determined by underlying resource data and will be different for different resource types.

Preliminary Score Calculation- calculated on Project Evaluation Units (PEU). Remaining areas of each project are grouped into separate contiguous units (PEU) for analysis.

((Priority 1 Acres * 10) + (Priority 2 Acres * 8) + (Priority 3 Acres * 5) + (Priority 4 Acres * 3) + (Priority 5 Acres * 1)) / Remaining Acres in Project

SUSTAINABLE FORESTRY GROUP ASSIGNMENT CRITERIA

CLASS CRITERIA	Score	PEU Rem Ac	PEU Full Ac
VERY HIGH	6.0+	500+ac in P1	5,000+
HIGH	4 - 5.99		1,000+
MEDIUM	2 - 3.99		100+
MED LOW	1 - 2.99		10+
or	<1.00	>0 in P1-4 comb.	10+
LOW		remaining PEUs	

PEUs classes for each project are averaged, weighted by PEU acres.

	If average PEU class is:
Very High:	4.5+
High:	3.5 - 4.49
Medium:	2.5 - 3.49
Medium-Low:	1.5 - 2.49
Low:	<1.5

**** Group Code corresponds to value on Comparative Analysis table***

Sort Criteria

By Group, then by Average PEU Class, then by Max PEU Score

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Sustainable Forestry, continued

Category	Project Acres Remaining	Project	Resource Acres: Forestry Priority 1	Forestry Priority 2	Forestry Priority 3	Forestry Priority 4	Forestry Priority 5	Wtd Average PEU Class	Max PEU Score	Final Evaluation: Group	Group Code*	Sort
PRI	17,819	Volusia Conservation Corridor	0	1,649	4,711	0	2,772	2.58	5.61	M	3	61
CNL	1,665	Econfina Timberlands	0	0	714	0	8	2.54	2.50	M	3	62
LTF	3,522	Conlin Lake X	0	0	914	443	462	2.44	2.59	ML	2	63
CCL	17,194	St. Johns River Blueway	0	844	4,832	0	2,599	2.40	3.04	ML	2	64
CNL	4,925	Belle Meade	0	0	1,035	0	511	2.33	5.00	ML	2	65
SC	5,886	Charlotte Harbor Estuary	0	3	1,504	0	154	2.30	5.00	ML	2	66
CNL	29,702	Lake Wales Ridge Ecosystem	235	29	7,062	0	6,441	2.30	7.00	ML	2	67
CCL	3,252	Garcon Ecosystem	0	0	1,328	0	175	2.29	2.84	ML	2	68
CCL	10,971	Northeast Florida Blueway	0	0	2,050	0	226	2.24	5.00	ML	2	69
PRI	9,333	Pal-Mar	0	0	2,902	0	1,084	2.19	4.43	ML	2	70
PRI	3,231	Catfish Creek	0	0	624	0	908	2.19	5.00	ML	2	71
CNL	1,717	Ichetucknee Trace	0	0	267	0	653	2.17	2.83	ML	2	72
CNL	23,239	Osceola Pine Savannas	0	0	4,403	851	8,115	2.09	3.32	ML	2	73
CNL	48,860	Apalachicola River	174	2,126	3,939	0	593	2.08	7.22	ML	2	74
SC	4,446	Lochloosa Wildlife	0	58	562	0	564	2.05	3.83	ML	2	75
LTF	83	Millstone Plantation	0	0	5	0	23	2.03	0.56	ML	2	76
PRI	8,175	Atlantic Ridge Ecosystem	0	0	260	0	4,990	2.02	3.05	ML	2	77
CNL	22,386	Wekiva-Ocala Greenway	0	0	2,603	0	2,625	2.02	5.00	ML	2	78
PRI	31,188	Corkscrew Regional Ecosystem Watershed	0	0	3,805	0	5,152	2.01	4.48	ML	2	79
LTF	12,519	Ranch Reserve	0	0	903	0	7,391	2.00	4.18	ML	2	80
CHL	562	Pierce Mound Complex	0	0	45	0	19	2.00	0.44	ML	2	81
PRI	161,213	Green Swamp	0	532	18,616	0	40,171	2.00	4.29	ML	2	82
LTF	6,382	Limestone Ranch	0	0	1,763	0	2,581	2.00	1.79	ML	2	83
CNL	3,592	Lake Hatchineha Watershed	0	0	1,233	0	100	2.00	1.79	ML	2	84
CNL	22,186	Hixtown Swamp	0	0	6,536	0	2,470	2.00	1.58	ML	2	85
LTF	3,881	Ochlockonee River Conservation Area	0	0	1,134	0	301	2.00	1.86	ML	2	86
CNL	8,036	Twelvemile Slough	0	0	155	0	4,129	2.00	0.68	ML	2	87
CNL	39,382	Panther Glades	0	0	2,722	0	8,200	2.00	1.00	ML	2	88
LTF	40,848	Big Bend Swamp/Holopaw Ranch	0	0	6,799	2,769	8,152	2.00	1.42	ML	2	89
LTF	5,788	Ayavalla Plantation	0	0	1,509	0	623	2.00	1.41	ML	2	90
LTF	3,428	Arbuckle Creek Watershed	0	0	330	0	1,862	2.00	1.55	ML	2	91
LTF	16,316	Horse Creek Ranch	0	0	4,348	0	8,014	2.00	1.82	ML	2	92
LTF	10,996	Bluefield to Cow Creek	0	0	17	0	1,192	2.00	0.12	ML	2	93
CNL	43,051	Blue Head Ranch	0	0	2,424	0	16,992	2.00	0.68	ML	2	94
PRI	428	Carr Farm/Price's Scrub	0	0	12	0	0	2.00	0.14	ML	2	95
CNL	11,182	Half Circle L Ranch	0	0	1,658	0	3,480	2.00	1.05	ML	2	96
CCL	3,742	Taylor Sweetwater Creek	0	644	149	0	1	2.00	7.11	ML	2	97
LTF	37,851	Kissimmee-St. Johns River Connector	0	0	1,186	0	13,834	2.00	3.00	ML	2	98
LTF	3,033	Peace River Refuge	0	0	139	0	24	2.00	0.24	ML	2	99
CNL	11,518	Strategic Managed Area Lands List	75	55	1,990	0	1,044	1.99	7.33	ML	2	100
PRI	3,891	Flagler County Blueway	0	0	390	0	61	1.99	2.07	ML	2	101
LTF	30,057	Myakka Ranchlands	0	0	4,345	0	10,203	1.99	2.50	ML	2	102
CNL	49,244	Devil's Garden	0	0	313	0	28,929	1.98	1.00	ML	2	103
PRI	20,658	Brevard Coastal Scrub Ecosystem	0	0	2,320	922	4,533	1.98	2.80	ML	2	104
CNL	9,594	Caloosahatchee Ecoscape	0	0	834	0	4,366	1.97	1.00	ML	2	105
PRI	1,059	Rainbow River Corridor	0	0	155	0	236	1.90	1.95	ML	2	106
CNL	598	Southeastern Bat Maternity Caves	0	0	147	0	1	1.83	3.85	ML	2	107
LTF	3,286	Withlacoochee River Corridor	0	0	23	0	406	1.82	0.19	ML	2	108
SC	24	Save Our Everglades	0	0	2	0	4	1.81	1.67	ML	2	109
PRI	18,145	Indian River Lagoon Blueway	0	0	726	0	844	1.77	2.18	ML	2	110
LTF	32,990	Adams Ranch	0	0	531	0	4,312	1.54	0.77	ML	2	111
SC	8,885	Florida Springs Coastal Greenway	0	0	229	0	0	1.44	2.22	L	1	112
CNL	21,895	Pine Island Slough Ecosystem	0	0	265	0	12	1.03	3.56	L	1	113
CHL	144	Pineland Site Complex	0	0	0	0	0	1.01	0.00	L	1	114
CCL	1,157	Coupon Bight/Key Deer	0	0	0	0	4	1.00	0.02	L	1	115
CCL	655	Tiger Island/Little Tiger Island	0	0	0	0	0	1.00	0.00	L	1	116
CNL	5,336	Triple Diamond	0	0	0	0	0	1.00	0.00	L	1	117
CCL	5,817	Florida Keys Ecosystem	0	0	0	0	0	1.00	0.00	L	1	118
CCL	2,292	Terra Ceia	0	0	0	0	179	1.00	0.48	L	1	119
CHL	853	Battle of Wahoo Swamp	0	0	0	0	0	1.00	0.00	L	1	120
LTF	2,214	Eastern Scarp Ranchlands	0	0	0	0	1,814	1.00	0.82	L	1	121
PRI	451	Wilson Ranch	0	0	0	0	0	1.00	0.00	L	1	122
CNL	6,211	Corrigan Ranch	0	0	0	0	0	1.00	0.00	L	1	123

Category	Project Acres Remaining	Project	Resource Acres: Forestry Priority 1	Forestry Priority 2	Forestry Priority 3	Forestry Priority 4	Forestry Priority 5	Wtd Average PEU Class	Max PEU Score	Final Evaluation: Group	Group Code*	Sort
CCL	174	Archie Carr Sea Turtle Refuge	0	0	0	0	0	1.00	0.00	L	1	124
PRI	303	Dade County Archipelago	0	0	0	0	50	0.99	1.00	L	1	125

Sustainable Forestry, continued

LANDSCAPES Single Resource Score Worksheet

Category	Project Acres Remaining	Project Name	Project makes P1 Critical Linkage connection	Percent of remaining project in P1 Critical Linkage	Acres of Remaining Project in P1 Critical Linkage	Remaining acres in Grnwy Pr 2 or 3	Percent of project in Grnwy Pr 2 or 3	Remaining acres in Grnwy Pr 1-5	Large Land-scapes Score	Group	Group Code*	Sort
CNL	8,036	Twelvemile Slough	no	99%	7,994	5,573	100%	7,994	M	VH	5	1
CNL	9,595	Caloosahatchee Ecoscape		99%	9,514	8,510	100%	9,514	ML	VH	5	2
CNL	29,703	Lake Wales Ridge Ecosystem	no	44%	13,125	7,163	100%	13,125	ML	VH	5	3
SC	56,236	St. Joe Timberland		32%	17,836	34,497	100%	34,497	M	VH	5	4
LTF	67,677	Raiford to Osceola Greenway	YES	100%	67,648	67,648	100%	67,648	H	VH	5	5
CNL	39,382	Panther Glades	YES	100%	39,258	36,046	100%	39,258	M	VH	5	6
CNL	32,285	Camp Blanding to Raiford Greenway	YES	99%	32,083	31,096	99%	32,083	M	VH	5	7
CNL	49,245	Devil's Garden	no	99%	48,873	42,204	100%	48,873	M	VH	5	8
LTF	12,524	Ranch Reserve	YES	99%	12,413	8,140	99%	12,413	ML	VH	5	9
LTF	122,215	Fisheating Creek Ecosystem	YES	97%	118,572	41,312	100%	118,572	M	VH	5	10
CNL	23,241	Osceola Pine Savannas	YES	96%	22,346	18,221	99%	22,346	M	VH	5	11
CNL	29,261	Bombing Range Ridge	YES	94%	27,549	27,533	97%	27,549	M	VH	5	12
CNL	43,036	Blue Head Ranch	YES	92%	39,673	39,673	92%	39,673	VH	VH	5	13
LTF	40,846	Big Bend Swamp/Holopaw Ranch	YES	89%	36,487	25,080	100%	36,487	M	VH	5	14
PRI	31,189	Corkscrew Regional Ecosystem Watershed	YES	80%	25,010	24,571	100%	25,010	M	VH	5	15
LTF	37,855	Kissimmee-St. Johns River Connector	YES	78%	29,473	20,419	100%	29,473	M	VH	5	16
CNL	53,742	Pinhook Swamp	YES	73%	39,437	39,244	100%	39,437	M	VH	5	17
CNL	52,557	Etoniah/Cross Florida Greenway	YES	73%	38,372	33,000	100%	38,372	M	VH	5	18
CNL	17,818	Volusia Conservation Corridor	YES	67%	11,948	5,738	100%	11,948	ML	VH	5	19
CNL	97,435	Bear Creek Forest	no	56%	54,976	54,976	56%	54,976	VH	VH	5	20
LTF	97,342	Coastal Headwaters Longleaf Forest	no	40%	38,472	20,868	100%	38,472	VH	VH	5	21
LTF	96,708	Matanzas to Ocala Conservation Corridor		0%	0	71,959	74%	71,959	VH	VH	5	22
PRI	74,523	Northeast Florida Timberlands and Watershed Reserve		27%	19,982	14,435	100%	37,912	VH	VH	5	23
LTF	3,739	Taylor Sweetwater Creek	no	100%	3,735	3,715	100%	3,735	L	H	4	24
LTF	25,333	Lower Suwannee River and Gulf Watershed	no	98%	24,795	12,837	100%	24,795	M	H	4	25
CCL	8,892	Florida Springs Coastal Greenway		71%	6,284	2,042	100%	6,284	ML	H	4	26
CNL	11,175	Half Circle L Ranch	no	99%	11,109	11,109	99%	11,109	H	H	4	27
PRI	14,914	Wacissa/Aucilla River Sinks	no	62%	9,231	5,231	100%	9,231	ML	H	4	28
CCL	3,077	Dickerson Bay/Bald Point		61%	1,873	1,681	97%	1,873	L	H	4	29
CNL	44,991	San Pedro Bay	no	93%	41,810	41,671	100%	41,810	M	H	4	30
LTF	25,591	Gulf Hammock	no	100%	25,554	25,554	100%	25,554	M	H	4	31
CNL	3,968	Wakulla Springs Protection Zone		83%	3,295	2,247	100%	3,295	L	H	4	32
CNL	6,197	Corrigan Ranch	no	100%	6,179	6,179	100%	6,179	ML	H	4	33
LTF	3,428	Arbuckle Creek Watershed		73%	2,516	2,516	100%	2,516	L	H	4	34
CNL	21,893	Pine Island Slough Ecosystem		44%	9,713	12,165	100%	12,165	M	H	4	35
PRI	6,039	Florida's First Magnitude Springs		35%	2,113	2,001	100%	2,113	M	H	4	36
PRI	14,532	Sand Mountain	no	78%	11,327	3,599	99%	11,327	M	H	4	37
PRI	2,867	Clear Creek/Whiting Field		95%	2,718	2,150	98%	2,718	L	H	4	38
PRI	20,658	Brevard Coastal Scrub Ecosystem		29%	5,987	2,438	98%	9,987	ML	H	4	39
CNL	9,915	Longleaf Pine Ecosystem		27%	2,692	2,688	100%	3,770	L	H	4	40
CNL	11,350	South Goethe	no	51%	5,833	5,833	95%	5,833	ML	H	4	41
LTF	32,992	Adams Ranch	no	46%	15,114	15,094	97%	15,114	M	H	4	42
CNL	54,864	Forest and Lakes Ecosystem	no	74%	40,518	40,518	100%	40,518	H	H	4	43
PRI	161,218	Green Swamp		0%	0	135,257	100%	135,257	H	H	4	44
LTF	10,136	Mill Creek		0%	0	9,991	100%	9,991	H	H	4	45
PRI	8,445	Pringle Creek Forest		0%	0	8,445	100%	8,445	H	H	4	46
PRI	8,398	Baldwin Bay/St. Marys River		0%	0	0	0%	8,300	H	H	4	47
PRI	3,234	Catfish Creek		0%	14	2,421	100%	2,421	L	M	3	48
CNL	2,656	South Walton County Ecosystem		0%	0	1,927	100%	1,927	L	M	3	49
CCL	11,515	Strategic Managed Area Lands List		30%	3,404	1,124	100%	4,104	ML	M	3	50
LTF	10,993	Bluefield to Cow Creek		0%	0	10,985	100%	10,985	M	M	3	51
SC	5,882	Charlotte Harbor Estuary		0%	0	1,837	99%	3,333	L	M	3	52
CNL	3,593	Lake Hatchineha Watershed		0%	0	2,334	99%	2,334	L	M	3	53
PRI	9,328	Pal-Mar		0%	0	5,954	99%	5,954	ML	M	3	54
PRI	8,795	Annutteliga Hammock		25%	2,156	1,449	98%	4,442	ML	M	3	55
PRI	18,145	Indian River Lagoon Blueway		2%	366	12,150	94%	12,150	M	M	3	56
CNL	48,859	Apalachicola River		11%	5,220	25,058	100%	25,058	M	M	3	57
PRI	22,383	Wekiva-Ocala Greenway		0%	0	14,862	100%	14,862	M	M	3	58

LANDSCAPES GROUP ASSIGNMENT CRITERIA

NOTE: Because completing corridor connections is a priority for landscapes, this measure does not use the standard weighted scoring method used for most other Single Resource Scores. Instead, the criteria outlined below are used to assign projects to Groups, so there is no numerical score for Landscapes.

VERY HIGH

I. Remaining FFBOT Project area makes a connection via a Strategic Corridor in FEGN P1 (Strategic Priorities 1-3) that fulfills the purpose of the Strategic Corridor
AND EITHER:
A. 50% AND 1,500 acres of the remaining FF project overlaps with the SP1-3
OR
B. 33% AND 7,500 acres of the remaining FF project overlaps with the SP1-3
OR
II. Remaining FFBOT Project area makes a connection via a Priority 1 "Critical Linkage" between 2+ Core Conservation Areas
AND EITHER:
A. 55% AND 3,000 acres of the remaining FF project overlaps with the Critical Linkage 1
OR
B. 35% AND 15,000 acres of the remaining FF project overlaps with the Critical Linkage 1
OR
III. Project scores VERY HIGH for Large Landscapes

Note that connections were only evaluated for projects that met criteria II above.

HIGH

I. 25% AND 1,500 acres of the remaining FF project overlap with Strategic Priorities 1-3
OR
II. 25% AND 2,000 acres of the remaining FF project overlap with a Critical Linkage 1
OR
III. 25,000 acres of the remaining FF project overlap with a Critical Linkage 1
OR
IV. Project scores HIGH for Large Landscapes

MEDIUM

I. 25% AND 750 acres of the remaining FF project overlap with a Strategic Corridor in Greenways Priority 2-3
OR
II. 25% AND 2,000 acres of the remaining FF project overlap with a Greenway Priority 2-3
OR
III. Project scores MEDIUM for Large Landscapes

MEDIUM LOW

I. 500+ acres of remaining FFProject boundary overlap with Greenways Priority 1-5
OR
II. Project scores MEDIUM-LOW for Large Landscapes

LOW

Did not meet any of the above criteria.

* ***Group Code corresponds to value on Comparative Analysis table***

See next page, cont.

Category	Project Acres Remaining	Project Name	Project makes P1 Critical Linkage connection	Percent of remaining project in P1 Critical Linkage	Acres of Remaining Project in P1 Critical Linkage	Remaining acres in Grnwy Pr 2 or 3	Percent of project in Grnwy Pr 2 or 3	Remaining acres in Grnwy Pr 1-5	Large Land-scapes Score	Group	Group Code*	Sort
PRI	10,254	Lafayette Forest		0%	0	9,695	100%	9,695	M	M	3	59
LTF	30,054	Myakka Ranchlands		0%	0	10,038	100%	10,038	M	M	3	60
PRI	8,880	Lake Santa Fe		0%	0	3,481	100%	3,481	L	M	3	61
LTF	1,835	Hardee Flatwoods		91%	1,662	1,662	100%	1,662	L	M	3	62
CNL	4,929	Belle Meade		1%	73	1,275	100%	3,096	L	M	3	63
CNL	8,323	Welannee Watershed Forest		0%	0	7,124	100%	7,124	ML	M	3	64
LTF	16,921	Red Hills Conservation		0%	0	6,076	100%	6,076	ML	M	3	65
SC	4,448	Lochloosa Wildlife		0%	0	3,283	100%	3,283	ML	M	3	66
LTF	3,036	Peace River Refuge		0%	0	3,018	100%	3,018	L	M	3	67
LTF	16,313	Horse Creek Ranch		0%	0	16,289	100%	16,289	ML	M	3	68
LTF	3,277	Withlacoochee River Corridor		0%	0	2,691	100%	2,691	L	M	3	69
PRI	13,667	Heather Island/Ocklawaha River		0%	18	4,753	100%	8,193	L	M	3	70
PRI	4,690	Lochloosa Forest		0%	0	4,675	100%	4,675	L	M	3	71
LTF	1,064	Maytown Flatwoods		100%	1,059	1,057	100%	1,059	L	M	3	72
LTF	6,385	Limestone Ranch		0%	0	6,355	100%	6,355	L	M	3	73
PRI	6,784	Charlotte Harbor Flatwoods		0%	0	2,733	99%	4,017	L	M	3	74
LTF	3,882	Ochlockonee River Conservation Area		0%	0	1,680	99%	1,680	L	M	3	75
CNL	4,685	Bear Hammock		0%	15	4,523	99%	4,523	L	M	3	76
LTF	3,523	Conlin Lake X		97%	3,408	1,528	99%	3,408	L	M	3	77
PRI	8,174	Atlantic Ridge Ecosystem		0%	0	6,679	99%	6,679	ML	M	3	78
PRI	7,504	Hall Ranch		0%	0	7,198	96%	7,198	ML	M	3	79
LTF	2,213	Eastern Scarp Ranchlands		56%	1,234	1,234	56%	1,234	L	M	3	80
CNL	22,192	Hixtown Swamp		0%	0	0	0%	22,166	M	M	3	81
PRI	6,948	Pumpkin Hill Creek		0%	0	0	0%	6,097	M	M	3	82
CCL	17,195	St. Johns River Blueway		0%	0	0	0%	16,649	ML	ML	2	83
LTF	14,153	North Waccasassa Flats		0%	0	0	0%	14,153	ML	ML	2	84
CCL	12,429	Telogia Creek		0%	0	0	0%	12,429	ML	ML	2	85
PRI	12,441	Crossbar/Al Bar Ranch		0%	0	0	0%	12,428	ML	ML	2	86
PRI	12,349	Middle Chipola River		0%	0	57	1%	12,258	ML	ML	2	87
CNL	12,033	Upper Shoal River		0%	0	0	0%	9,796	L	ML	2	88
CCL	10,971	Northeast Florida Blueway		0%	0	599	89%	5,523	ML	ML	2	89
LTF	6,888	Hosford Chapman's Rhododendron Protection Zone		0%	6	1,362	20%	5,517	ML	ML	2	90
CCL	5,336	Triple Diamond		0%	0	0	0%	5,336	ML	ML	2	91
PRI	5,359	Watermelon Pond		0%	0	0	0%	5,280	L	ML	2	92
LTF	5,787	Ayavalla Plantation		0%	0	984	17%	4,771	ML	ML	2	93
LTF	4,473	West Bay Preservation Area		0%	0	0	0%	4,457	L	ML	2	94
PRI	3,892	Flagler County Blueway		0%	0	176	98%	3,532	ML	ML	2	95
CCL	3,251	Garcon Ecosystem		0%	0	0	0%	3,233	L	ML	2	96
CNL	3,856	Wolfe Creek Forest		8%	294	446	100%	3,104	L	ML	2	97
CNL	2,389	Perdido Pitcher Plant Prairie		0%	0	0	0%	2,358	L	ML	2	98
LTF	2,339	Lower Perdido River Buffer		0%	0	0	0%	2,337	L	ML	2	99
LTF	2,294	Little River Conservation Area		0%	0	0	0%	2,293	L	ML	2	100
PRI	2,344	Crayfish Habitat Restoration		0%	0	0	0%	2,288	L	ML	2	101
LTF	2,181	Shoal River Buffer		0%	1	1	0%	2,179	L	ML	2	102
CNL	1,966	Natural Bridge Creek		0%	0	0	0%	1,951	L	ML	2	103
LTF	1,266	Old Town Creek Watershed		93%	1,175	616	100%	1,175	L	ML	2	104
CNL	1,665	Econfina Timberlands		0%	0	906	100%	906	L	ML	2	105
CHR	853	Battle of Wahoo Swamp		0%	0	853	100%	853	L	ML	2	106
CNL	1,719	Ichetucknee Trace		0%	0	0	0%	815	L	ML	2	107
PRI	1,058	Rainbow River Corridor		0%	0	226	75%	759	L	ML	2	108
CCL	655	Tiger Island/Little Tiger Island		0%	0	0	0%	654	L	ML	2	109
CHR	563	Pierce Mound Complex		0%	0	0	0%	557	L	ML	2	110
CCL	5,816	Florida Keys Ecosystem		0%	1	1	0%	535	L	ML	2	111
PRI	709	West Aucilla River Buffer		0%	0	465	100%	465	L	L	1	112
CCL	450	Wilson Ranch		0%	0	437	97%	437	L	L	1	113
LTF	377	San Felasco Conservation Corridor		0%	0	0	0%	331	L	L	1	114
PRI	428	Carr Farm/Price's Scrub		0%	0	0	0%	299	L	L	1	115
CNL	358	Spruce Creek		0%	0	0	0%	280	L	L	1	116
SC	588	Southeastern Bat Maternity Caves		0%	0	168	100%	262	L	L	1	117
CNL	1,253	Suwannee County Preservation		12%	145	145	100%	145	L	L	1	118

LANDSCAPES GROUP ASSIGNMENT CRITERIA, cont.

Sort Criteria

By group, then by shaded columns.

Core Conservation Area (CCA) = 10,000+ acres of contiguous FLMA polygons.
Connection = CCAs are not otherwise connected; single connection via multiple FFBOT Projects counts for all projects, if no one project makes connection alone.
Connection of same two CCAs by multiple projects, with each project alone making a connection, counts for all projects.
"Fulfills the purpose of the Strategic Corridor": doesn't necessarily have to connect two CCAs if it connects (or contributes to connection) across corridor extent.

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Landscapes, continued

Category	Project Acres Remaining	Project Name	Project makes P1 Critical Linkage connection	Percent of remaining project in P1 Critical Linkage	Acres of Remaining Project in P1 Critical Linkage	Remaining acres in Grnwy Pr 2 or 3	Percent of project in Grnwy Pr 2 or 3	Remaining acres in Grnwy Pr 1-5	Large Land-scapes Score	Group	Group Code*	Sort
PRI	301	Dade County Archipelago		0%	0	0	0%	67	L	L	1	119
SC	24	Save Our Everglades		41%	10	7	100%	13	L	L	1	120
CNL	2,292	Terra Ceia		0%	0	0	0%	0	L	L	1	121
CCL	1,158	Coupon Bight/Key Deer		0%	0	0	0%	0	L	L	1	122
CCL	174	Archie Carr Sea Turtle Refuge		0%	0	0	0%	0	L	L	1	123
CHR	145	Pineland Site Complex		0%	0	0	0%	0	L	L	1	124
LTF	84	Millstone Plantation		0%	0	0	0%	0	L	L	1	125

Landscapes, continued

AQUIFER RECHARGE Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Resource Acres: Recharge Priority 1	Recharge Priority 2	Recharge Priority 3	Recharge Priority 4	Recharge Priority 5	Recharge Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
PRI	5,355	Watermelon Pond	2,069	3,243	47	0	0	0	8.76	VH	5	1
CNL	9,915	Longleaf Pine Ecosystem	4,534	3,861	1,376	129	0	0	8.57	VH	5	2
PRI	12,440	Crossbar/Al Bar Ranch	3,078	6,018	3,223	22	100	0	7.92	VH	5	3
CNL	4,689	Bear Hammock	1,510	1,487	1,657	20	0	0	7.89	VH	5	4
PRI	8,796	Annutteliga Hammock	2,980	812	3,506	1,216	281	0	7.14	VH	5	5
PRI	1,059	Rainbow River Corridor	617	137	265	11	0	0	8.40	H	4	6
CNL	1,717	Ichetucknee Trace	455	553	533	177	0	0	7.51	H	4	7
PRI	3,969	Wakulla Springs Protection Zone	598	1,541	1,298	199	332	0	6.94	H	4	8
CNL	11,355	South Goethe	1,627	5,435	2,213	13	9	0	6.44	H	4	9
PRI	6,040	Florida's First Magnitude Springs	422	2,679	1,505	808	478	0	6.44	H	4	10
PRI	10,253	Lafayette Forest	334	1,926	6,882	930	182	0	6.25	H	4	11
LTF	14,153	North Waccasassa Flats	285	4,225	6,536	3,107	0	0	6.24	H	4	12
LTF	3,286	Withlacoochee River Corridor	269	706	1,121	1,054	126	0	5.94	H	4	13
PRI	161,213	Green Swamp	9,395	35,645	66,141	39,894	8,665	0	5.91	H	4	14
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	135	977	4,180	1,495	68	0	5.83	H	4	15
CHR	853	Battle of Wahoo Swamp	1	325	521	6	0	0	6.75	M	3	16
LTF	1,254	Suwannee County Preservation	29	374	781	70	0	0	6.57	M	3	17
PRI	451	Wilson Ranch	53	100	137	126	33	0	6.05	M	3	18
LTF	83	Millstone Plantation	0	12	60	8	4	0	6.00	M	3	19
SC	24	Save Our Everglades	0	0	14	10	0	0	5.24	M	3	20
CNL	1,665	Econfina Timberlands	0	16	990	586	73	0	5.14	M	3	21
PRI	3,231	Catfish Creek	2	179	1,537	1,375	139	0	5.09	M	3	22
SC	358	Spruce Creek	0	68	96	166	7	6	5.04	M	3	23
SC	4,446	Lochloosa Wildlife	43	186	2,411	1,297	370	0	5.02	M	3	24
PRI	14,534	Sand Mountain	0	2,324	5,144	4,428	2,636	0	4.98	M	3	25
CNL	54,862	Forest and Lakes Ecosystem	432	7,598	20,559	17,214	7,415	3	4.96	M	3	26
CNL	22,386	Wekiva-Ocala Greenway	4,900	4,798	2,846	939	95	0	4.84	M	3	27
CNL	22,186	Hixtown Swamp	0	1,208	9,067	8,074	3,844	0	4.69	M	3	28
PRI	428	Carr Farm/Price's Scrub	0	41	148	146	94	0	4.63	M	3	29
LTF	10,135	Mill Creek	173	435	3,381	4,464	1,683	0	4.61	M	3	30
CNL	598	Southeastern Bat Maternity Caves	64	36	179	89	196	0	4.60	M	3	31
CNL	29,702	Lake Wales Ridge Ecosystem	56	2,709	8,702	12,498	5,502	183	4.57	M	3	32
CNL	44,999	San Pedro Bay	0	1,712	18,146	15,750	9,377	0	4.54	M	3	33
LTF	710	West Aucilla River Buffer	0	30	345	118	216	0	4.53	M	3	34
CNL	23,239	Osceola Pine Savannas	0	332	9,420	9,273	2,781	1,431	4.44	M	3	35
LTF	376	San Felasco Conservation Corridor	1	18	110	177	71	0	4.43	M	3	36
LTF	16,316	Horse Creek Ranch	0	511	4,503	8,547	2,631	121	4.33	M	3	37
PRI	4,693	Lochloosa Forest	0	13	1,594	2,100	983	0	4.27	M	3	38
LTF	12,519	Ranch Reserve	0	675	2,003	8,126	1,616	104	4.25	M	3	39
LTF	3,428	Arbuckle Creek Watershed	0	5	911	2,012	496	4	4.24	M	3	40
LTF	6,382	Limestone Ranch	0	124	1,376	3,996	822	67	4.22	M	3	41
LTF	67,678	Raiford to Osceola Greenway	222	67	20,969	30,758	14,405	1,219	4.16	M	3	42
PRI	8,876	Lake Santa Fe	27	202	2,859	2,653	3,038	0	4.02	M	3	43
LTF	1,064	Maytown Flatwoods	0	61	31	825	148	0	4.01	M	3	44
LTF	37,851	Kissimmee-St. Johns River Connector	0	70	10,537	16,563	7,229	3,456	3.91	M	3	45
LTF	2,214	Eastern Scarp Ranchlands	0	48	567	901	546	152	3.90	M	3	46
PRI	17,819	Volusia Conservation Corridor	172	672	5,407	4,757	3,815	2,957	3.88	M	3	47
LTF	3,522	Conlin Lake X	0	169	669	1,535	1,008	137	3.88	M	3	48
LTF	122,213	Fisheating Creek Ecosystem	0	299	36,230	45,427	31,843	8,417	3.88	M	3	49
CNL	21,895	Pine Island Slough Ecosystem	0	1,198	1,384	14,168	4,631	513	3.85	M	3	50
PRI	3,891	Flagler County Blueway	0	552	768	880	863	445	3.78	M	3	51
LTF	1,264	Old Town Creek Watershed	0	0	147	801	318	0	3.74	M	3	52
CNL	43,051	Blue Head Ranch	0	17	8,998	19,306	12,924	1,790	3.69	M	3	53
CNL	6,211	Corrigan Ranch	0	0	1,236	2,807	1,419	735	3.58	M	3	54
LTF	25,339	Lower Suwannee River and Gulf Watershed	431	3,760	6,447	3,126	1,091	489	3.48	M	3	55
PRI	6,786	Charlotte Harbor Flatwoods	0	19	1,309	2,447	2,723	287	3.47	M	3	56
SC	2,657	South Walton County Ecosystem	1	94	422	974	886	228	3.46	M	3	57
CNL	29,262	Bombing Range Ridge	0	350	4,997	11,119	9,889	2,897	3.42	M	3	58
LTF	30,057	Myakka Ranchlands	0	338	3,111	14,842	7,705	4,057	3.33	M	3	59

AQUIFER RECHARGE SCORING METHOD

Minimum Area Threshold

None

Multiplier Applied to Acres in Preliminary Score Calculation

RECHARGE	Multiplier
Priority 1	10
Priority 2	8
Priority 3	6
Priority 4	4
Priority 5	2
Priority 6	1

Note that multipliers are determined by underlying resource data and will be different for different resource types.

Preliminary Score Calculation

((Priority 1 Acres * 10) + (Priority 2 Acres * 8) + (Priority 3 Acres * 6) + (Priority 4 Acres * 4) + (Priority 5 Acres * 2) + (Priority 6 Acres * 1)) / Remaining Acres in Project

AQUIFER RECHARGE GROUP ASSIGNMENT CRITERIA

	If score is:
Very High:	7.00 - 10 and 1000+ acres in Priority 1
High:	5.00 - 6.99 and 500+ acres in Priorities 1-2 combined
Medium:	3.00 - 4.99
Medium-Low:	2.00 - 2.99, OR <2.0 and 500+ acres in Priorities 1 - 2
Low:	<2.00 and <500 acres in Priorities 1-2

** **Group Code corresponds to value on Comparative Analysis table***

Sort Criteria

By Group then by Preliminary Score

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Aquifer Recharge, continued

Category	Project Acres Remaining	Project	Resource Acres: Recharge Priority 1	Recharge Priority 2	Recharge Priority 3	Recharge Priority 4	Recharge Priority 5	Recharge Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
LTF	16,916	Red Hills Conservation	42	107	3,045	4,414	9,273	13	3.30	M	3	60
PRI	303	Dade County Archipelago	0	22	30	95	106	48	3.28	M	3	61
CCL	3,742	Taylor Sweetwater Creek	394	534	553	115	128	7	3.28	M	3	62
LTF	10,996	Bluefield to Cow Creek	0	134	1,335	4,522	3,773	1,229	3.27	M	3	63
LTF	1,836	Hardee Flatwoods	0	20	223	653	937	2	3.26	M	3	64
CNL	52,558	Etoniah/Cross Florida Greenway	667	2,152	7,128	14,461	17,955	10,111	3.24	M	3	65
PRI	9,333	Pal-Mar	0	0	531	5,115	2,655	1,028	3.21	M	3	66
PRI	20,658	Brevard Coastal Scrub Ecosystem	252	1,250	1,817	6,755	4,337	6,237	3.16	M	3	67
LTF	32,990	Adams Ranch	0	722	1,823	14,725	9,031	6,643	3.04	M	3	68
CNL	53,737	Pinhook Swamp	0	48	909	28,193	19,569	4,669	3.02	M	3	69
CNL	5,336	Triple Diamond	0	0	727	1,573	2,427	610	3.02	M	3	70
LTF	5,788	Ayavalla Plantation	0	201	889	595	4,044	0	3.01	M	3	71
PRI	8,175	Atlantic Ridge Ecosystem	0	39	309	3,495	3,664	668	2.95	ML	2	72
CCL	4,511	West Bay Preservation Area	0	4	415	1,859	1,496	293	2.94	ML	2	73
CNL	11,518	Strategic Managed Area Lands List	355	652	2,077	1,306	1,344	4,508	2.92	ML	2	74
CNL	97,434	Bear Creek Forest	67	1,014	10,950	24,728	49,225	11,011	2.90	ML	2	75
CNL	14,908	Wacissa/Aucilla River Sinks	104	328	3,800	2,130	4,046	33	2.89	ML	2	76
LTF	3,881	Ochlockonee River Conservation Area	0	30	346	791	2,532	163	2.76	ML	2	77
PRI	8,446	Pringle Creek Forest	0	83	434	2,909	3,166	1,853	2.73	ML	2	78
CNL	1,967	Natural Bridge Creek	0	0	372	356	839	0	2.71	ML	2	79
PRI	13,666	Heather Island/Ocklawaha River	59	331	934	1,707	10,628	0	2.70	ML	2	80
CCL	17,194	St. Johns River Blueway	0	1	1,541	4,718	6,283	4,644	2.64	ML	2	81
PRI	18,145	Indian River Lagoon Blueway	0	878	1,588	3,639	5,619	5,061	2.61	ML	2	82
CNL	2,389	Perdido Pitcher Plant Prairie	0	1	76	778	1,110	395	2.59	ML	2	83
CNL	39,382	Panther Glades	0	0	4,033	11,051	8,410	15,887	2.57	ML	2	84
PRI	12,356	Middle Chipola River	0	508	2,294	1,140	4,552	18	2.55	ML	2	85
PRI	31,188	Corkscrew Regional Ecosystem Watershed	0	1	1,624	8,953	9,175	11,417	2.42	ML	2	86
LTF	40,848	Big Bend Swamp/Holopaw Ranch	0	1,041	1,989	9,403	11,821	16,556	2.40	ML	2	87
CNL	9,594	Caloosahatchee Ecoscape	0	0	507	2,309	2,636	4,143	2.26	ML	2	88
CNL	4,925	Belle Meade	0	0	562	725	987	2,655	2.21	ML	2	89
CCL	56,242	St. Joe Timberland	486	1,343	5,453	5,379	11,175	30,644	2.18	ML	2	90
LTF	3,033	Peace River Refuge	0	13	150	218	2,312	121	2.18	ML	2	91
CNL	11,182	Half Circle L Ranch	0	0	390	2,746	2,763	5,277	2.16	ML	2	92
CNL	3,592	Lake Hatchineha Watershed	0	45	282	599	404	2,263	2.09	ML	2	93
CNL	12,428	Telogia Creek	0	0	284	2,441	4,823	4,881	2.09	ML	2	94
PRI	2,348	Crayfish Habitat Restoration	0	0	0	169	2,009	167	2.07	ML	2	95
LTF	96,707	Matanzas to Ocala Conservation Corridor	0	528	4,320	17,629	25,449	48,065	2.06	ML	2	96
LTF	2,293	Little River Conservation Area	0	0	0	0	2,294	0	2.00	ML	2	97
PRI	2,867	Clear Creek/Whiting Field	0	6	31	463	1,145	1,222	1.95	L	1	98
PRI	7,503	Hall Ranch	0	0	126	1,427	1,807	4,145	1.90	L	1	99
CNL	8,036	Twelvemile Slough	0	0	27	1,374	2,348	4,286	1.82	L	1	100
LTF	25,611	Gulf Hammock	0	162	2,822	6,044	2,078	0	1.82	L	1	101
CCL	10,971	Northeast Florida Blueway	0	175	567	2,173	1,424	3,350	1.79	L	1	102
LTF	2,338	Lower Perdido River Buffer	0	0	58	201	862	1,218	1.75	L	1	103
SC	5,886	Charlotte Harbor Estuary	0	4	133	986	1,858	1,662	1.73	L	1	104
CNL	49,244	Devil's Garden	0	0	1,061	7,383	7,293	33,508	1.71	L	1	105
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	0	41	520	6,516	26,702	40,155	1.65	L	1	106
PRI	8,397	Baldwin Bay/St. Marys River	0	0	17	939	1,762	5,679	1.56	L	1	107
CNL	2,188	Shoal River Buffer	0	0	22	139	612	1,408	1.52	L	1	108
CCL	174	Archie Carr Sea Turtle Refuge	0	21	0	0	5	72	1.42	L	1	109
CCL	3,252	Garcon Ecosystem	0	0	0	313	472	2,372	1.40	L	1	110
CNL	3,856	Wolfe Creek Forest	0	0	43	168	674	2,971	1.36	L	1	111
CNL	32,282	Camp Blanding to Raiford Greenway	0	23	160	1,266	6,286	24,549	1.34	L	1	112
CHR	562	Pierce Mound Complex	0	0	1	85	81	243	1.34	L	1	113
LTF	97,346	Coastal Headwaters Longleaf Forest	0	80	193	4,702	11,716	80,369	1.28	L	1	114
CNL	48,860	Apalachicola River	0	34	1,959	4,037	12,382	9,322	1.27	L	1	115
CCL	2,292	Terra Ceia	0	0	6	275	494	715	1.24	L	1	116
CNL	12,035	Upper Shoal River	0	0	0	153	905	10,975	1.11	L	1	117
PRI	6,951	Pumpkin Hill Creek	0	0	0	14	449	6,155	1.02	L	1	118
PRI	8,378	Welannee Watershed Forest	0	0	0	0	0	8,249	0.98	L	1	119
SC	3,077	Dickerson Bay/Bald Point	44	41	85	43	23	19	0.49	L	1	120

Category	Project Acres Remaining	Project	Resource Acres: Recharge Priority 1	Recharge Priority 2	Recharge Priority 3	Recharge Priority 4	Recharge Priority 5	Recharge Priority 6	Preliminary Score	Final Evaluation: Group	Group Code*	Sort
CCL	655	Tiger Island/Little Tiger Island	0	0	0	0	0	211	0.32	L	1	121
SC	8,885	Florida Springs Coastal Greenway	5	0	41	217	801	48	0.32	L	1	122
CCL	1,157	Coupon Bight/Key Deer	0	0	0	0	0	0	0.00	L	1	123
CCL	5,817	Florida Keys Ecosystem	0	0	0	0	0	0	0.00	L	1	124
CHR	144	Pineland Site Complex	0	0	0	0	0	0	0.00	L	1	125

Aquifer Recharge, continued

RECREATIONAL TRAILS[a] Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Trails Miles Priority 1	Trails Miles Priority 2	SUM Miles Priorities 1-2	% of Project Priority 1	% of Project Priority 2	% of Project Priorities 1-2	Final Evaluation Group	Group Code*	Sort
CNL	11,518	Strategic Managed Area Lands List	120	22	142	14%	5%	19%	VH	5	1
CCL	5,817	Florida Keys Ecosystem	48	0	48	28%	0%	28%	VH	5	2
PRI	18,145	Indian River Lagoon Blueway	21	10	31	14%	4%	18%	VH	5	3
CCL	174	Archie Carr Sea Turtle Refuge	11	0	11	67%	0%	67%	VH	5	4
CNL	54,862	Forest and Lakes Ecosystem	10	15	26	4%	6%	10%	VH	5	5
PRI	161,213	Green Swamp	44	20	64	5%	2%	6%	H	4	6
CNL	52,558	Etoniah/Cross Florida Greenway	37	0	37	8%	0%	8%	H	4	7
CNL	29,702	Lake Wales Ridge Ecosystem	27	5	32	9%	1%	9%	H	4	8
LTF	67,678	Raiford to Osceola Greenway	24	0	24	5%	0%	5%	H	4	9
CCL	56,242	St. Joe Timberland	18	7	26	4%	1%	5%	H	4	10
CNL	22,386	Wekiva-Ocala Greenway	12	6	18	6%	1%	7%	H	4	11
CCL	10,971	Northeast Florida Blueway	9	15	24	3%	8%	11%	H	4	12
SC	5,886	Charlotte Harbor Estuary	8	6	14	10%	10%	20%	H	4	13
PRI	13,666	Heather Island/Ocklawaha River	8	5	14	5%	4%	8%	H	4	14
CCL	3,252	Garcon Ecosystem	8	0	8	20%	0%	20%	H	4	15
PRI	8,876	Lake Santa Fe	8	4	12	6%	3%	9%	H	4	16
CNL	14,908	Wacissa/Aucilla River Sinks	8	0	8	6%	0%	6%	H	4	17
SC	2,657	South Walton County Ecosystem	8	5	12	15%	4%	19%	H	4	18
CNL	11,355	South Goethe	7	0	7	9%	0%	9%	H	4	19
CNL	22,186	Hixtown Swamp	7	0	7	7%	0%	7%	H	4	20
SC	3,077	Dickerson Bay/Bald Point	7	0	7	30%	0%	30%	H	4	21
PRI	1,059	Rainbow River Corridor	6	0	6	21%	0%	21%	H	4	22
CNL	2,389	Perdido Pitcher Plant Prairie	5	0	5	24%	0%	24%	H	4	23
CNL	4,689	Bear Hammock	5	0	5	19%	0%	19%	H	4	24
LTF	3,522	Conlin Lake X	5	0	5	11%	0%	11%	H	4	25
PRI	12,356	Middle Chipola River	5	12	17	3%	9%	12%	H	4	26
PRI	20,658	Brevard Coastal Scrub Ecosystem	4	36	41	2%	13%	15%	M	3	27
CNL	49,244	Devil's Garden	1	27	28	0%	8%	8%	M	3	28
CCL	17,194	St. Johns River Blueway	2	25	26	1%	12%	13%	M	3	29
CNL	48,860	Apalachicola River	5	17	21	1%	5%	7%	M	3	30
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	15	4	19	3%	1%	3%	M	3	31
LTF	96,707	Matanzas to Ocala Conservation Corridor	2	17	19	0%	4%	5%	M	3	32
CNL	39,382	Panther Glades	0	18	18	0%	8%	8%	M	3	33
PRI	3,969	Wakulla Springs Protection Zone	0	14	15	0%	36%	36%	M	3	34
CNL	8,036	Twelvemile Slough	0	14	14	0%	18%	18%	M	3	35
PRI	6,040	Florida's First Magnitude Springs	5	9	14	4%	10%	15%	M	3	36
LTF	30,057	Myakka Ranchlands	2	11	13	1%	6%	6%	M	3	37
PRI	9,333	Pal-Mar	0	12	12	0%	8%	8%	M	3	38
PRI	2,867	Clear Creek/Whiting Field	0	9	9	0%	42%	42%	M	3	39
PRI	14,534	Sand Mountain	9	0	9	3%	0%	3%	M	3	40
PRI	8,397	Baldwin Bay/St. Marys River	2	6	8	1%	10%	11%	M	3	41
PRI	3,891	Flagler County Blueway	3	5	7	2%	12%	14%	M	3	42
SC	4,446	Lochloosa Wildlife	1	6	7	2%	10%	12%	M	3	43
PRI	6,786	Charlotte Harbor Flatwoods	5	3	7	7%	4%	11%	M	3	44
CNL	9,594	Caloosahatchee Ecoscape	3	4	7	5%	9%	14%	M	3	45
SC	8,885	Florida Springs Coastal Greenway	0	7	7	0%	6%	6%	M	3	46
LTF	3,033	Peace River Refuge	0	7	7	0%	45%	45%	M	3	47
PRI	8,796	Annutteliga Hammock	7	0	7	4%	0%	4%	M	3	48
PRI	8,175	Atlantic Ridge Ecosystem	0	7	7	0%	8%	8%	M	3	49
PRI	17,819	Volusia Conservation Corridor	2	3	6	2%	3%	5%	M	3	50
LTF	5,788	Ayavalla Plantation	0	6	6	0%	19%	19%	M	3	51
CCL	3,742	Taylor Sweetwater Creek	4	0	4	23%	0%	23%	M	3	52
LTF	3,881	Ochlockonee River Conservation Area	0	4	4	0%	11%	11%	M	3	53
CCL	1,157	Coupon Bight/Key Deer	3	0	3	14%	0%	14%	M	3	54
PRI	2,348	Crayfish Habitat Restoration	3	0	3	13%	0%	13%	M	3	55
LTF	3,286	Withlacoochee River Corridor	3	0	3	8%	0%	8%	M	3	56
CCL	4,511	West Bay Preservation Area	0	3	3	0%	5%	5%	M	3	57
LTF	122,213	Fisheating Creek Ecosystem	0	9	9	0%	1%	1%	ML	2	58
CNL	43,051	Blue Head Ranch	0	8	8	0%	2%	2%	ML	2	59
LTF	32,990	Adams Ranch	4	2	7	1%	1%	2%	ML	2	60

TRAILS GROUP ASSIGNMENT CRITERIA

NOTE: This measure does not use the standard weighted scoring method used for most other Single Resource Scores. Instead, the criteria outlined below are used to assign projects to Groups, so there is no numerical score for Trails.

Very High: 10 miles of Priority 1 AND 10% of project contains Priority 1 - 2 Trail combined

High: 5 miles of Priority 1 AND 5% of project contains Priority 1 - 2 Trail combined

Medium: 3 miles of Priorities 1 - 2 combined AND 3% of project contains Priorities 1 - 2 combined

Medium-Low: 2 miles of Priorities 1 - 2 combined

Low: Projects do not meet any other criteria

* ***Group Code corresponds to value on Comparative Analysis table***

Sort Criteria

By Group then by miles of Priority class that determines group

[a:] Recreational Trails includes Hiking/Multi-Use Trail Priorities and Opportunities identified by DEP/Office of Greenways and Trails. Paddling Trails are not included in the Nov 2021 evaluation.

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Recreational Trails, continued

Category	Project Acres Remaining	Project	Trails Miles Priority 1	Trails Miles Priority 2	SUM Miles Priorities 1-2	% of Project Priority 1	% of Project Priority 2	% of Project Priorities 1-2	Final Evaluation Group	Final Evaluation Group Code*	Final Evaluation Sort
CNL	32,282	Camp Blanding to Raiford Greenway	6	0	6	2%	0%	2%	ML	2	61
CNL	23,239	Osceola Pine Savannas	6	0	6	2%	0%	2%	ML	2	62
CNL	97,434	Bear Creek Forest	2	3	4	0%	0%	0%	ML	2	63
CNL	21,895	Pine Island Slough Ecosystem	4	0	4	2%	0%	2%	ML	2	64
CNL	29,262	Bombing Range Ridge	4	0	4	1%	0%	1%	ML	2	65
LTF	10,996	Bluefield to Cow Creek	0	3	3	0%	5%	5%	ML	2	66
LTF	25,339	Lower Suwannee River and Gulf Watershed	0	3	3	0%	1%	1%	ML	2	67
CNL	9,915	Longleaf Pine Ecosystem	3	0	3	1%	0%	1%	ML	2	68
LTF	2,293	Little River Conservation Area	2	1	3	5%	5%	11%	ML	2	69
LTF	6,382	Limestone Ranch	0	3	3	0%	3%	3%	ML	2	70
PRI	6,951	Pumpkin Hill Creek	3	0	3	0%	0%	0%	ML	2	71
PRI	303	Dade County Archipelago	2	1	3	12%	7%	18%	ML	2	72
SC	358	Spruce Creek	3	0	3	6%	0%	6%	ML	2	73
PRI	7,503	Hall Ranch	0	2	2	0%	3%	3%	ML	2	74
CNL	1,665	Econfina Timberlands	2	0	2	8%	0%	8%	ML	2	75
PRI	31,188	Corkscrew Regional Ecosystem Watershed	0	2	2	0%	1%	1%	ML	2	76
PRI	451	Wilson Ranch	1	1	2	18%	3%	21%	ML	2	77
LTF	40,848	Big Bend Swamp/Holopaw Ranch	2	0	2	0%	0%	0%	ML	2	78
CNL	598	Southeastern Bat Maternity Caves	0	2	2	0%	9%	9%	ML	2	79
PRI	5,355	Watermelon Pond	0	1	2	1%	5%	6%	ML	2	80
PRI	8,446	Pringle Creek Forest	0	2	2	0%	2%	2%	ML	2	81
LTF	376	San Felasco Conservation Corridor	0	2	2	0%	11%	11%	ML	2	82
LTF	2,338	Lower Perdido River Buffer	0	1	1	0%	2%	2%	L	1	83
CCL	2,292	Terra Ceia	0	1	1	0%	3%	3%	L	1	84
LTF	97,346	Coastal Headwaters Longleaf Forest	1	0	1	0%	0%	0%	L	1	85
CNL	53,737	Pinhook Swamp	1	0	1	0%	0%	0%	L	1	86
PRI	428	Carr Farm/Price's Scrub	0	1	1	0%	10%	10%	L	1	87
LTF	1,254	Suwannee County Preservation	1	0	1	3%	0%	3%	L	1	88
LTF	1,064	Maytown Flatwoods	1	0	1	0%	0%	0%	L	1	89
CNL	1,717	Ichetucknee Trace	0	1	1	0%	1%	1%	L	1	90
CNL	2,188	Shoal River Buffer	1	0	1	1%	0%	1%	L	1	91
LTF	3,428	Arbuckle Creek Watershed	0	0	0	0%	0%	0%	L	1	92
CHR	853	Battle of Wahoo Swamp	0	0	0	0%	0%	0%	L	1	92
CNL	4,925	Belle Meade	0	0	0	0%	0%	0%	L	1	92
PRI	3,231	Catfish Creek	0	0	0	0%	0%	0%	L	1	92
CNL	6,211	Corrigan Ranch	0	0	0	0%	0%	0%	L	1	92
PRI	12,440	Crossbar/Al Bar Ranch	0	0	0	0%	0%	0%	L	1	92
LTF	2,214	Eastern Scarp Ranchlands	0	0	0	0%	0%	0%	L	1	92
LTF	25,611	Gulf Hammock	0	0	0	0%	0%	0%	L	1	92
CNL	11,182	Half Circle L Ranch	0	0	0	0%	0%	0%	L	1	92
LTF	1,836	Hardee Flatwoods	0	0	0	0%	0%	0%	L	1	92
LTF	16,316	Horse Creek Ranch	0	0	0	0%	0%	0%	L	1	92
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	0	0	0	0%	0%	0%	L	1	92
LTF	37,851	Kissimmee-St. Johns River Connector	0	0	0	0%	0%	0%	L	1	92
PRI	10,253	Lafayette Forest	0	0	0	0%	0%	0%	L	1	92
CNL	3,592	Lake Hatchineha Watershed	0	0	0	0%	0%	0%	L	1	92
PRI	4,693	Lochloosa Forest	0	0	0	0%	0%	0%	L	1	92
LTF	10,135	Mill Creek	0	0	0	0%	0%	0%	L	1	92
LTF	83	Millstone Plantation	0	0	0	0%	0%	0%	L	1	92
CNL	1,967	Natural Bridge Creek	0	0	0	0%	0%	0%	L	1	92
LTF	14,153	North Waccasassa Flats	0	0	0	0%	0%	0%	L	1	92
LTF	1,264	Old Town Creek Watershed	0	0	0	0%	0%	0%	L	1	92
CHR	562	Pierce Mound Complex	0	0	0	0%	0%	0%	L	1	92
CHR	144	Pineland Site Complex	0	0	0	0%	0%	0%	L	1	92
LTF	12,519	Ranch Reserve	0	0	0	0%	0%	0%	L	1	92
LTF	16,916	Red Hills Conservation	0	0	0	0%	0%	0%	L	1	92
CNL	44,999	San Pedro Bay	0	0	0	0%	0%	0%	L	1	92
SC	24	Save Our Everglades	0	0	0	0%	0%	0%	L	1	92
CNL	12,428	Telogia Creek	0	0	0	0%	0%	0%	L	1	92
CCL	655	Tiger Island/Little Tiger Island	0	0	0	0%	0%	0%	L	1	92
CNL	5,336	Triple Diamond	0	0	0	0%	0%	0%	L	1	92
CNL	12,035	Upper Shoal River	0	0	0	0%	0%	0%	L	1	92

Category	Project Acres Remaining	Project	Trails Miles Priority 1	Trails Miles Priority 2	SUM Miles Priorities 1-2	% of Project Priority 1	% of Project Priority 2	% of Project Priorities 1-2	Final Evaluation Group	Final Evaluation Group Code*	Final Evaluation Sort
PRI	8,378	Welannee Watershed Forest	0	0	0	0%	0%	0%	L	1	92
LTF	710	West Aucilla River Buffer	0	0	0	0%	0%	0%	L	1	92
CNL	3,856	Wolfe Creek Forest	0	0	0	0%	0%	0%	L	1	92

Recreational Trails, continued

POPULATION WITHIN 100 MILES Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Population within 100 Miles	Final Evaluation Group	Group Code*	Sort
CNL	11,518	Strategic Managed Area Lands List	21,537,645	VH	5	1
CNL	29,702	Lake Wales Ridge Ecosystem	15,835,147	VH	5	2
LTF	122,213	Fisheating Creek Ecosystem	14,501,537	VH	5	3
PRI	18,145	Indian River Lagoon Blueway	13,803,417	VH	5	4
LTF	32,990	Adams Ranch	13,516,286	VH	5	5
PRI	6,040	Florida's First Magnitude Springs	13,022,641	VH	5	6
CNL	598	Southeastern Bat Maternity Caves	12,147,034	VH	5	7
CNL	29,262	Bombing Range Ridge	11,957,810	VH	5	8
CNL	43,051	Blue Head Ranch	11,907,459	VH	5	9
LTF	3,428	Arbuckle Creek Watershed	11,726,171	VH	5	10
LTF	2,214	Eastern Scarp Ranchlands	11,257,215	VH	5	11
CNL	21,895	Pine Island Slough Ecosystem	11,108,485	VH	5	12
CNL	6,211	Corrigan Ranch	11,085,934	VH	5	13
PRI	161,213	Green Swamp	10,900,096	VH	5	14
PRI	3,231	Catfish Creek	10,889,053	VH	5	15
LTF	1,836	Hardee Flatwoods	10,861,520	VH	5	16
CNL	5,336	Triple Diamond	10,858,529	VH	5	17
CNL	9,915	Longleaf Pine Ecosystem	10,854,344	VH	5	18
LTF	37,851	Kissimmee-St. Johns River Connector	10,831,037	VH	5	19
LTF	1,264	Old Town Creek Watershed	10,800,473	VH	5	20
CNL	3,592	Lake Hatchineha Watershed	10,667,220	VH	5	21
CNL	22,386	Wekiva-Ocala Greenway	10,637,707	VH	5	22
PRI	451	Wilson Ranch	10,614,956	VH	5	23
LTF	40,848	Big Bend Swamp/Holopaw Ranch	10,597,851	VH	5	24
CNL	9,594	Caloosahatchee Ecoscape	10,561,101	VH	5	25
CNL	52,558	Etoniah/Cross Florida Greenway	10,419,728	VH	5	26
CNL	23,239	Osceola Pine Savannas	10,328,986	VH	5	27
PRI	13,666	Heather Island/Ocklawaha River	10,217,180	VH	5	28
LTF	6,382	Limestone Ranch	9,986,429	H	4	29
CNL	8,036	Twelvemile Slough	9,975,216	H	4	30
PRI	1,059	Rainbow River Corridor	9,829,609	H	4	31
LTF	3,286	Withlacoochee River Corridor	9,777,833	H	4	32
LTF	16,316	Horse Creek Ranch	9,775,384	H	4	33
LTF	10,996	Bluefield to Cow Creek	9,738,073	H	4	34
CNL	11,355	South Goethe	9,708,356	H	4	35
PRI	8,796	Annutteliga Hammock	9,657,491	H	4	36
CHR	853	Battle of Wahoo Swamp	9,640,578	H	4	37
CNL	4,689	Bear Hammock	9,538,122	H	4	38
SC	8,885	Florida Springs Coastal Greenway	9,453,410	H	4	39
CNL	49,244	Devil's Garden	9,448,666	H	4	40
PRI	12,440	Crossbar/Al Bar Ranch	9,373,758	H	4	41
PRI	31,188	Corkscrew Regional Ecosystem Watershed	9,272,700	H	4	42
LTF	25,611	Gulf Hammock	9,268,896	H	4	43
LTF	12,519	Ranch Reserve	9,249,362	H	4	44
LTF	3,522	Conlin Lake X	9,243,161	H	4	45
PRI	17,819	Volusia Conservation Corridor	9,077,036	H	4	46
CNL	11,182	Half Circle L Ranch	8,971,602	H	4	47
CNL	39,382	Panther Glades	8,834,908	H	4	48
LTF	3,033	Peace River Refuge	8,829,847	H	4	49
PRI	20,658	Brevard Coastal Scrub Ecosystem	8,772,176	H	4	50
PRI	9,333	Pal-Mar	8,668,865	H	4	51
LTF	10,135	Mill Creek	8,650,417	H	4	52
SC	24	Save Our Everglades	8,578,667	H	4	53
LTF	30,057	Myakka Ranchlands	8,253,869	H	4	54
CCL	2,292	Terra Ceia	8,130,018	H	4	55
CNL	4,925	Belle Meade	7,929,550	H	4	56
SC	4,446	Lochloosa Wildlife	7,753,141	H	4	57
PRI	8,175	Atlantic Ridge Ecosystem	7,624,368	H	4	58
PRI	428	Carr Farm/Price's Scrub	7,594,160	H	4	59
LTF	96,707	Matanzas to Ocala Conservation Corridor	7,485,461	M	3	60
SC	358	Spruce Creek	7,456,346	M	3	61

POPULATION W/IN 100 MILES
GROUP ASSIGNMENT CRITERIA

NOTE: This measure does not use the standard weighted scoring method used for most other Single Resource Scores. Instead, the criteria outlined below are used to assign projects to Groups, so there is no numerical score for Population within 100 Miles.

Very High:	≥ 10 million
High:	7.5 - 9.9 million
Medium:	5 - 7.4 million
Medium-Low:	1 - 4.9 million
Low:	< 1 million

Sort Criteria

By population size

* ***Group Code corresponds to value on Comparative Analysis table***

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Category	Project Acres Remaining	Project	Population within 100 Miles	Final Evaluation		
				Group	Group Code*	Sort
PRI	7,503	Hall Ranch	7,386,509	M	3	62
PRI	303	Dade County Archipelago	7,327,215	M	3	63
PRI	5,355	Watermelon Pond	7,183,209	M	3	64
CCL	174	Archie Carr Sea Turtle Refuge	7,067,965	M	3	65
PRI	3,891	Flagler County Blueway	6,891,419	M	3	66
LTF	1,064	Maytown Flatwoods	6,779,193	M	3	67
PRI	8,446	Pringle Creek Forest	6,710,829	M	3	68
CCL	10,971	Northeast Florida Blueway	6,442,401	M	3	69
SC	5,886	Charlotte Harbor Estuary	6,420,288	M	3	70
CCL	17,194	St. Johns River Blueway	6,259,770	M	3	71
PRI	8,876	Lake Santa Fe	6,067,162	M	3	72
PRI	6,786	Charlotte Harbor Flatwoods	6,065,254	M	3	73
PRI	4,693	Lochloosa Forest	5,851,343	M	3	74
CCL	5,817	Florida Keys Ecosystem	5,551,875	M	3	75
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	5,256,053	M	3	76
CHR	144	Pineland Site Complex	4,916,246	ML	2	77
LTF	376	San Felasco Conservation Corridor	4,714,232	ML	2	78
CNL	32,282	Camp Blanding to Raiford Greenway	3,995,880	ML	2	79
LTF	14,153	North Waccasassa Flats	3,970,455	ML	2	80
LTF	25,339	Lower Suwannee River and Gulf Watershed	3,941,618	ML	2	81
LTF	67,678	Raiford to Osceola Greenway	3,709,053	ML	2	82
PRI	10,253	Lafayette Forest	3,565,270	ML	2	83
CNL	1,717	Ichetucknee Trace	3,505,645	ML	2	84
PRI	8,397	Baldwin Bay/St. Marys River	3,190,527	ML	2	85
CNL	53,737	Pinhook Swamp	3,103,233	ML	2	86
LTF	1,254	Suwannee County Preservation	3,036,483	ML	2	87
PRI	6,951	Pumpkin Hill Creek	2,937,555	ML	2	88
CCL	655	Tiger Island/Little Tiger Island	2,317,097	ML	2	89
CCL	56,242	St. Joe Timberland	1,908,825	ML	2	90
CNL	44,999	San Pedro Bay	1,723,571	ML	2	91
CCL	1,157	Coupon Bight/Key Deer	1,557,368	ML	2	92
CNL	54,862	Forest and Lakes Ecosystem	1,480,709	ML	2	93
CCL	4,511	West Bay Preservation Area	1,473,597	ML	2	94
PRI	14,534	Sand Mountain	1,388,936	ML	2	95
CCL	3,742	Taylor Sweetwater Creek	1,362,825	ML	2	96
PRI	2,348	Crayfish Habitat Restoration	1,309,100	ML	2	97
CNL	22,186	Hixtown Swamp	1,198,022	ML	2	98
CNL	97,434	Bear Creek Forest	1,193,602	ML	2	99
SC	2,657	South Walton County Ecosystem	1,166,415	ML	2	100
CNL	12,035	Upper Shoal River	1,129,690	ML	2	101
CNL	1,967	Natural Bridge Creek	1,114,820	ML	2	102
CNL	2,188	Shoal River Buffer	1,099,512	ML	2	103
PRI	8,378	Welannee Watershed Forest	1,087,516	ML	2	104
CNL	14,908	Wacissa/Aucilla River Sinks	1,085,957	ML	2	105
PRI	12,356	Middle Chipola River	1,066,585	ML	2	106
CNL	48,860	Apalachicola River	1,047,460	ML	2	107
CNL	3,856	Wolfe Creek Forest	1,039,128	ML	2	108
LTF	97,346	Coastal Headwaters Longleaf Forest	1,037,887	ML	2	109
PRI	2,867	Clear Creek/Whiting Field	1,027,607	ML	2	110
CCL	3,252	Garcon Ecosystem	1,023,974	ML	2	111
CNL	1,665	Econfina Timberlands	1,005,252	ML	2	112
CNL	12,428	Telogia Creek	961,826	L	1	113
PRI	3,969	Wakulla Springs Protection Zone	908,627	L	1	114
LTF	16,916	Red Hills Conservation	899,929	L	1	115
CNL	2,389	Perdido Pitcher Plant Prairie	886,709	L	1	116
SC	3,077	Dickerson Bay/Bald Point	884,138	L	1	117
LTF	2,338	Lower Perdido River Buffer	878,731	L	1	118
LTF	5,788	Ayavalla Plantation	859,691	L	1	119
LTF	83	Millstone Plantation	856,319	L	1	120
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	854,813	L	1	121
LTF	3,881	Ochlockonee River Conservation Area	844,065	L	1	122
LTF	2,293	Little River Conservation Area	833,309	L	1	123
LTF	710	West Aucilla River Buffer	831,341	L	1	124

Population w/in 100 miles, continued

Population w/in 100 miles, continued

Category	Project Acres Remaining	Project	Population within 100 Miles	Final Evaluation Group	Group Code*	Sort
CHR	562	Pierce Mound Complex	818,898	L	1	125

SEA LEVEL RISE MITIGATION Single Resource Score Worksheet

Category	Project Acres Remaining	Project	Coastal Connectivity Score	Vulnerable Mgd Area Connectivity Score	Final Evaluation Group	Group Code*	Sort
LTF	96,707	Matanzas to Ocala Conservation Corridor	5.00	1.00	VH	5	1
LTF	25,611	Gulf Hammock	5.00	1.00	VH	5	2
LTF	25,339	Lower Suwannee River and Gulf Watershed	5.00	1.00	VH	5	3
PRI	18,145	Indian River Lagoon Blueway	4.00	4.00	H	4	4
CCL	56,242	St. Joe Timberland	4.34	3.41	H	4	5
PRI	6,951	Pumpkin Hill Creek	3.70	3.00	H	4	6
PRI	74,518	Northeast Florida Timberlands and Watershed Reserve	4.00	1.00	H	4	7
CNL	48,860	Apalachicola River	4.00	1.00	H	4	8
CCL	3,742	Taylor Sweetwater Creek	3.98	1.00	H	4	9
CCL	17,194	St. Johns River Blueway	3.43	3.00	M	3	10
PRI	3,891	Flagler County Blueway	3.08	2.00	M	3	11
SC	5,886	Charlotte Harbor Estuary	3.00	2.00	M	3	12
CCL	3,252	Garcon Ecosystem	3.13	1.00	M	3	13
CNL	22,386	Wekiva-Ocala Greenway	3.00	1.00	M	3	14
PRI	17,819	Volusia Conservation Corridor	3.00	1.00	M	3	15
CNL	11,518	Strategic Managed Area Lands List	3.00	1.00	M	3	16
CCL	4,511	West Bay Preservation Area	3.00	1.00	M	3	17
SC	3,077	Dickerson Bay/Bald Point	2.84	1.00	M	3	18
CCL	2,292	Terra Ceia	2.00	2.00	ML	2	19
CNL	52,558	Etoniah/Cross Florida Greenway	2.00	1.00	ML	2	20
CNL	14,908	Wacissa/Aucilla River Sinks	2.00	1.00	ML	2	21
CCL	10,971	Northeast Florida Blueway	2.00	1.00	ML	2	22
PRI	6,040	Florida's First Magnitude Springs	2.00	1.00	ML	2	23
CNL	3,856	Wolfe Creek Forest	2.00	1.00	ML	2	24
SC	2,657	South Walton County Ecosystem	2.00	1.00	ML	2	25
PRI	20,658	Brevard Coastal Scrub Ecosystem	2.00	1.00	ML	2	26
CCL	5,817	Florida Keys Ecosystem	2.00	1.00	ML	2	27
CNL	2,389	Perdido Pitcher Plant Prairie	2.00	1.00	ML	2	28
PRI	1,059	Rainbow River Corridor	2.00	1.00	ML	2	29
CHR	562	Pierce Mound Complex	2.00	1.00	ML	2	30
SC	358	Spruce Creek	2.00	1.00	ML	2	31
CCL	174	Archie Carr Sea Turtle Refuge	2.00	1.00	ML	2	32
PRI	12,356	Middle Chipola River	3.35	1.00	L	1	33
PRI	161,213	Green Swamp	1.00	1.00	L	1	34
LTF	122,213	Fisheating Creek Ecosystem	1.00	1.00	L	1	35
CNL	97,434	Bear Creek Forest	1.00	1.00	L	1	36
LTF	97,346	Coastal Headwaters Longleaf Forest	1.00	1.00	L	1	37
LTF	67,678	Raiford to Osceola Greenway	1.00	1.00	L	1	38
CNL	54,862	Forest and Lakes Ecosystem	1.00	1.00	L	1	39
CNL	53,737	Pinhook Swamp	1.00	1.00	L	1	40
CNL	49,244	Devil's Garden	1.00	1.00	L	1	41
CNL	44,999	San Pedro Bay	1.00	1.00	L	1	42
CNL	43,051	Blue Head Ranch	1.00	1.00	L	1	43
LTF	40,848	Big Bend Swamp/Holopaw Ranch	1.00	1.00	L	1	44
CNL	39,382	Panther Glades	1.00	1.00	L	1	45
LTF	37,851	Kissimmee-St. Johns River Connector	1.00	1.00	L	1	46
LTF	32,990	Adams Ranch	1.00	1.00	L	1	47
CNL	32,282	Camp Blanding to Raiford Greenway	1.00	1.00	L	1	48
PRI	31,188	Corkscrew Regional Ecosystem Watershed	1.00	1.00	L	1	49
LTF	30,057	Myakka Ranchlands	1.00	1.00	L	1	50
CNL	29,702	Lake Wales Ridge Ecosystem	1.00	1.00	L	1	51
CNL	29,262	Bombing Range Ridge	1.00	1.00	L	1	52
CNL	23,239	Osceola Pine Savannas	1.00	1.00	L	1	53
CNL	22,186	Hixtown Swamp	1.00	1.00	L	1	54
CNL	21,895	Pine Island Slough Ecosystem	1.00	1.00	L	1	55
LTF	16,916	Red Hills Conservation	1.00	1.00	L	1	56
LTF	16,316	Horse Creek Ranch	1.00	1.00	L	1	57
PRI	14,534	Sand Mountain	1.00	1.00	L	1	58
LTF	14,153	North Waccasassa Flats	1.00	1.00	L	1	59
PRI	13,666	Heather Island/Ocklawaha River	1.00	1.00	L	1	60

SEA LEVEL RISE MITIGATION SCORING CRITERIA

Projects were scored using spatial models based on two distinct criteria:

1) project's connectivity to an existing coastal managed area that is threatened by a projected sea level rise of 1 meter (see "**Vulnerable Mgd Area Connectivity Score**" in this table). This is intended to assess a project's role as a potential ecological refuge or bridge from the vulnerable managed area to inland areas with higher elevations.

2) project's general connectivity from the coast inland (see "**Coastal Connectivity Score**" in this table). This is intended to assess a project's role as a corridor from coastal resources threatened by sea level rise to inland areas with higher elevations (regardless of whether a managed area is present).

Vulnerable Managed Area Connectivity Group Criteria

Scored based on the size of each project parcel relative to the size of the adjacent managed area that it supports.

Coastal Connectivity Group Criteria

Scored based on the percent of each project parcel lying above 2 meters elevation, and the size of the parcel.

Final Sea Level Rise Group Criteria: Higher of the two individual groups outlined above.

Sort Criteria

1. Group Code.
2. Sum of the two criteria codes.
3. Maximum individual project parcel score.

* ***Group Code corresponds to value on Comparative Analysis table***

For a more complete description of methods see Single Resource Evaluation Documentation at https://www.fnai.org/conslands/florida-forever

Sea Level Rise Mitigation, continued

Category	Project Acres Remaining	Project	Coastal Connectivity Score	Vulnerable Mgd Area Connectivity Score	Final Evaluation Group	Final Evaluation Group Code*	Final Evaluation Sort
LTF	12,519	Ranch Reserve	1.00	1.00	L	1	61
PRI	12,440	Crossbar/Al Bar Ranch	1.00	1.00	L	1	62
CNL	12,428	Telogia Creek	1.00	1.00	L	1	63
CNL	12,035	Upper Shoal River	1.00	1.00	L	1	64
CNL	11,355	South Goethe	1.00	1.00	L	1	65
CNL	11,182	Half Circle L Ranch	1.00	1.00	L	1	66
LTF	10,996	Bluefield to Cow Creek	1.00	1.00	L	1	67
PRI	10,253	Lafayette Forest	1.00	1.00	L	1	68
LTF	10,135	Mill Creek	1.00	1.00	L	1	69
CNL	9,915	Longleaf Pine Ecosystem	1.00	1.00	L	1	70
CNL	9,594	Caloosahatchee Ecoscape	1.00	1.00	L	1	71
PRI	9,333	Pal-Mar	1.00	1.00	L	1	72
SC	8,885	Florida Springs Coastal Greenway	1.00	1.00	L	1	73
PRI	8,876	Lake Santa Fe	1.00	1.00	L	1	74
PRI	8,796	Annutteliga Hammock	1.00	1.00	L	1	75
PRI	8,446	Pringle Creek Forest	1.00	1.00	L	1	76
PRI	8,397	Baldwin Bay/St. Marys River	1.00	1.00	L	1	77
PRI	8,378	Welannee Watershed Forest	1.00	1.00	L	1	78
PRI	8,175	Atlantic Ridge Ecosystem	1.00	1.00	L	1	79
CNL	8,036	Twelvemile Slough	1.00	1.00	L	1	80
PRI	7,503	Hall Ranch	1.00	1.00	L	1	81
LTF	6,923	Hosford Chapman's Rhododendron Protection Zone	1.00	1.00	L	1	82
PRI	6,786	Charlotte Harbor Flatwoods	1.00	1.00	L	1	83
LTF	6,382	Limestone Ranch	1.00	1.00	L	1	84
CNL	6,211	Corrigan Ranch	1.00	1.00	L	1	85
LTF	5,788	Ayavalla Plantation	1.00	1.00	L	1	86
PRI	5,355	Watermelon Pond	1.00	1.00	L	1	87
CNL	5,336	Triple Diamond	1.00	1.00	L	1	88
CNL	4,925	Belle Meade	1.00	1.00	L	1	89
PRI	4,693	Lochloosa Forest	1.00	1.00	L	1	90
CNL	4,689	Bear Hammock	1.00	1.00	L	1	91
SC	4,446	Lochloosa Wildlife	1.00	1.00	L	1	92
PRI	3,969	Wakulla Springs Protection Zone	1.00	1.00	L	1	93
LTF	3,881	Ochlockonee River Conservation Area	1.00	1.00	L	1	94
CNL	3,592	Lake Hatchineha Watershed	1.00	1.00	L	1	95
LTF	3,522	Conlin Lake X	1.00	1.00	L	1	96
LTF	3,428	Arbuckle Creek Watershed	1.00	1.00	L	1	97
LTF	3,286	Withlacoochee River Corridor	1.00	1.00	L	1	98
PRI	3,231	Catfish Creek	1.00	1.00	L	1	99
LTF	3,033	Peace River Refuge	1.00	1.00	L	1	100
PRI	2,867	Clear Creek/Whiting Field	1.00	1.00	L	1	101
PRI	2,348	Crayfish Habitat Restoration	1.00	1.00	L	1	102
LTF	2,338	Lower Perdido River Buffer	1.00	1.00	L	1	103
LTF	2,293	Little River Conservation Area	1.00	1.00	L	1	104
LTF	2,214	Eastern Scarp Ranchlands	1.00	1.00	L	1	105
CNL	2,188	Shoal River Buffer	1.00	1.00	L	1	106
CNL	1,967	Natural Bridge Creek	1.00	1.00	L	1	107
LTF	1,836	Hardee Flatwoods	1.00	1.00	L	1	108
CNL	1,717	Ichetucknee Trace	1.00	1.00	L	1	109
CNL	1,665	Econfina Timberlands	1.00	1.00	L	1	110
LTF	1,264	Old Town Creek Watershed	1.00	1.00	L	1	111
LTF	1,254	Suwannee County Preservation	1.00	1.00	L	1	112
CCL	1,157	Coupon Bight/Key Deer	1.00	1.00	L	1	113
LTF	1,064	Maytown Flatwoods	1.00	1.00	L	1	114
CHR	853	Battle of Wahoo Swamp	1.00	1.00	L	1	115
LTF	710	West Aucilla River Buffer	1.00	1.00	L	1	116
CCL	655	Tiger Island/Little Tiger Island	1.00	1.00	L	1	117
CNL	598	Southeastern Bat Maternity Caves	1.00	1.00	L	1	118
PRI	451	Wilson Ranch	1.00	1.00	L	1	119
PRI	428	Carr Farm/Price's Scrub	1.00	1.00	L	1	120
LTF	376	San Felasco Conservation Corridor	1.00	1.00	L	1	121
PRI	303	Dade County Archipelago	1.00	1.00	L	1	122

Category	Project Acres Remaining	Project	Coastal Connectivity Score	Vulnerable Mgd Area Connectivity Score	Final Evaluation Group	Final Evaluation Group Code*	Final Evaluation Sort
CHR	144	Pineland Site Complex	1.00	1.00	L	1	123
LTF	83	Millstone Plantation	1.00	1.00	L	1	124
SC	24	Save Our Everglades	1.00	1.00	L	1	125

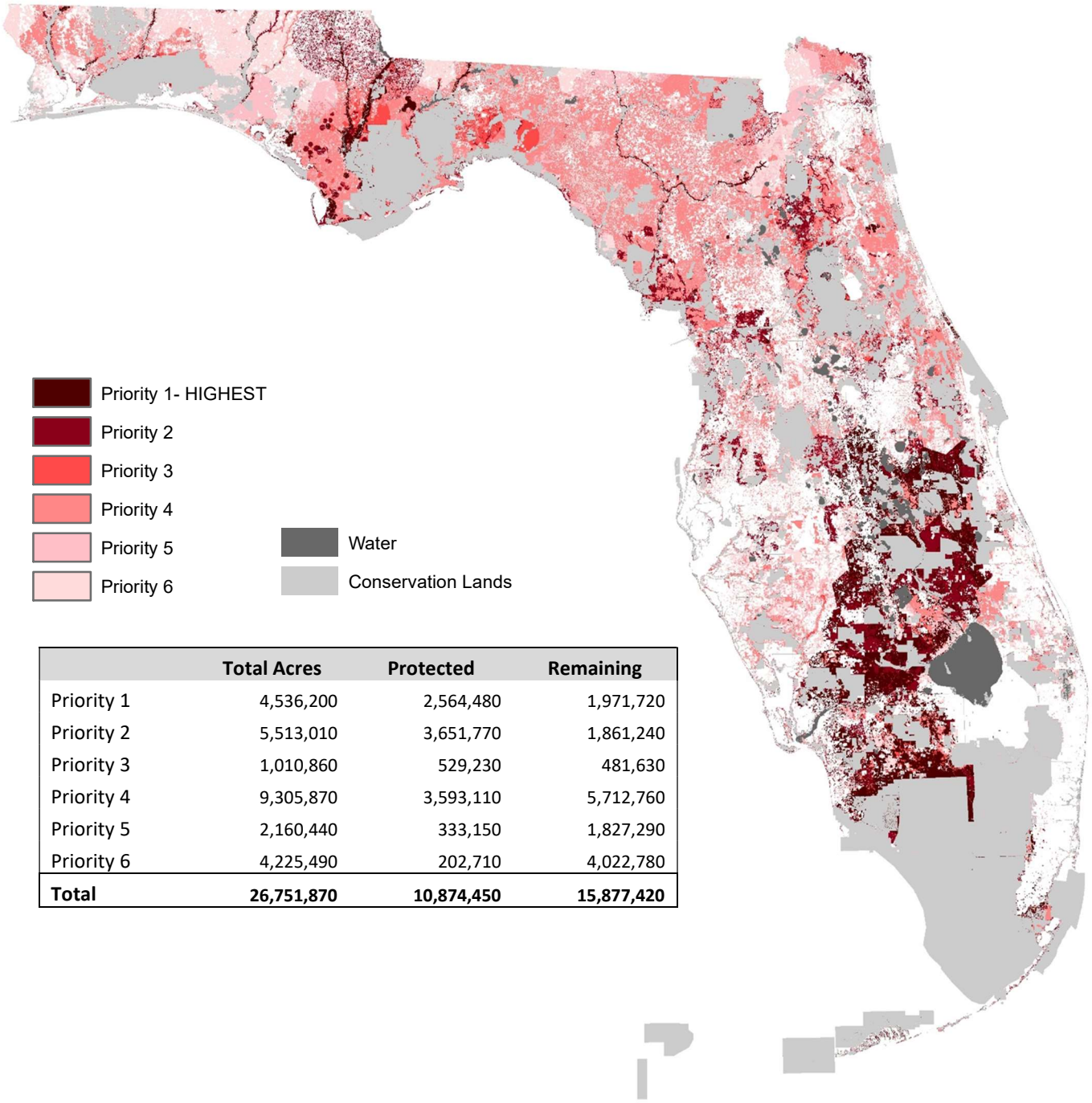
Sea Level Rise Mitigation, continued

Appendix B. Ranking Support Analyses Maps

Species	Map 1
Natural Communities	Map 2
Landscapes – Landscape Linkage	Map 3
Landscapes - Large Landscapes	Map 4
Surface Waters	Map 5
Wetlands/Floodplain	Map 6
Recreational Trails	Map 7
Sustainable Forestry	Map 8
Groundwater Recharge	Map 9

Species

Combined Strategic Habitat Conservation Areas and Rare Species Habitat Conservation Priorities



	Total Acres	Protected	Remaining
Priority 1	4,536,200	2,564,480	1,971,720
Priority 2	5,513,010	3,651,770	1,861,240
Priority 3	1,010,860	529,230	481,630
Priority 4	9,305,870	3,593,110	5,712,760
Priority 5	2,160,440	333,150	1,827,290
Priority 6	4,225,490	202,710	4,022,780
Total	**26,751,870**	**10,874,450**	**15,877,420**

November 2021

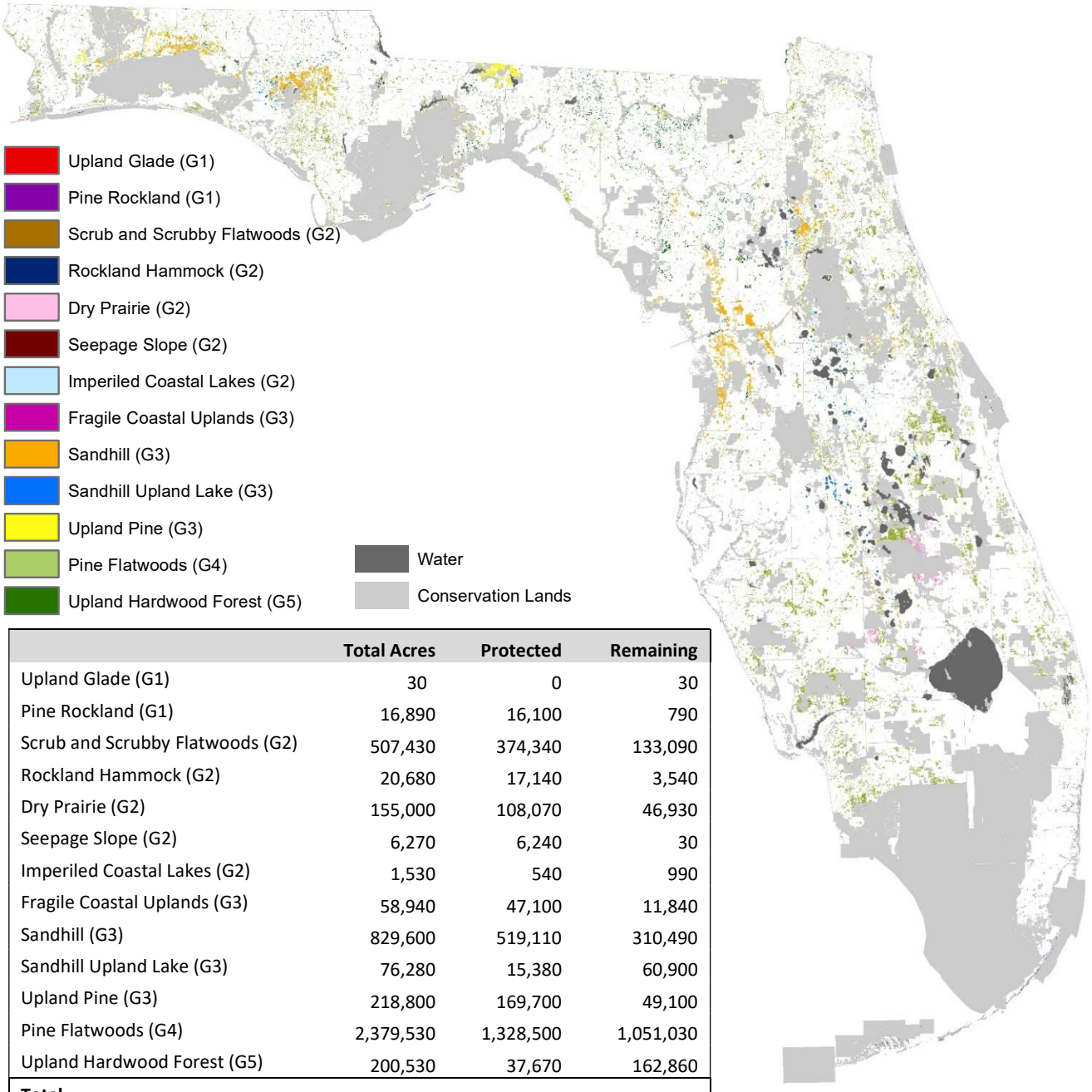
The information displayed on this map was developed or provided to address specific performance measures of the Florida Forever program. The data may not be appropriate for general use and are not intended for use in a regulatory decision-making process.

Primary Sources: Florida Fish and Wildlife Conservation Commission; Florida Natural Areas Inventory

Description: The Strategic Habitat Conservation Areas for Florida Forever and FNAI Habitat Conservation Priorities identify habitat for some of the same species. Twenty-eight species were included in both the final SHCA and FNAI habitat analyses. In order to minimize this redundancy, the Species data layer combines information from these two layers. Please refer to the Decision Support Data Documentation (https://www.fnai.org/consland/florida-forever) for an explanation of how priority classes were assigned in the combination of the two data layers.

Natural Communities

Combined Under-represented Ecosystems and Fragile Coastal Resources (Uplands)



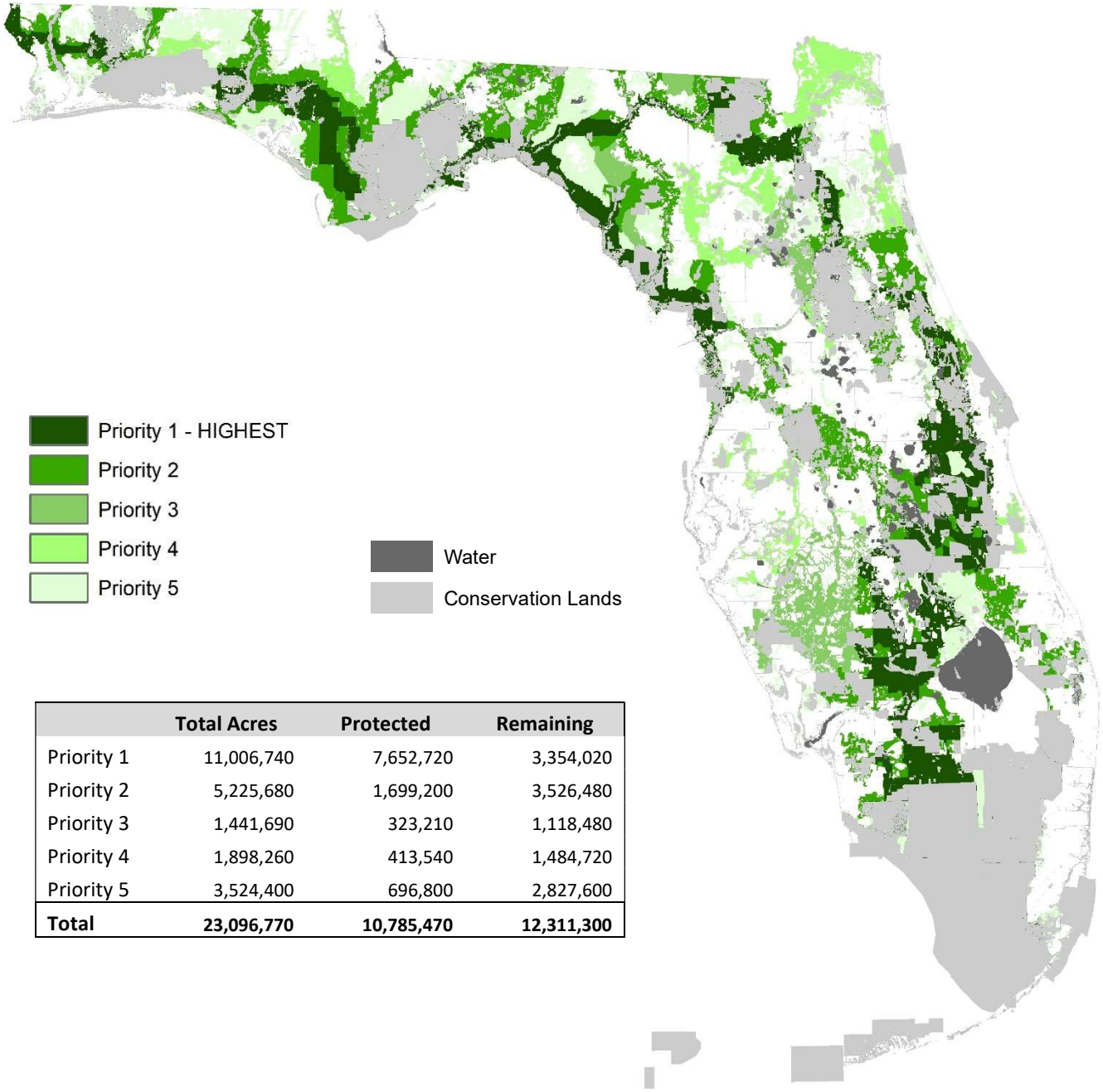
	Total Acres	Protected	Remaining
Upland Glade (G1)	30	0	30
Pine Rockland (G1)	16,890	16,100	790
Scrub and Scrubby Flatwoods (G2)	507,430	374,340	133,090
Rockland Hammock (G2)	20,680	17,140	3,540
Dry Prairie (G2)	155,000	108,070	46,930
Seepage Slope (G2)	6,270	6,240	30
Imperiled Coastal Lakes (G2)	1,530	540	990
Fragile Coastal Uplands (G3)	58,940	47,100	11,840
Sandhill (G3)	829,600	519,110	310,490
Sandhill Upland Lake (G3)	76,280	15,380	60,900
Upland Pine (G3)	218,800	169,700	49,100
Pine Flatwoods (G4)	2,379,530	1,328,500	1,051,030
Upland Hardwood Forest (G5)	200,530	37,670	162,860
Total	**4,471,510**	**2,639,890**	**1,831,620**

November 2021

Primary Source: FNAI

Description: The Natural Community data layer is made up of natural communities under-represented on conservation lands, and fragile coastal resources, which include fragile coastal uplands and imperiled coastal lakes. Mangrove and Salt Marsh (G5) are included in the Functional Wetlands data layer. This data layer is prioritized based on the Global Rank of the natural communities. Please refer to the Decision Support Data Documentation (https://www.fnai.org/consland/florida-forever) for an explanation of how this dataset is used in Florida Forever analyses.

Landscapes - Landscape Linkage



	Total Acres	Protected	Remaining
Priority 1	11,006,740	7,652,720	3,354,020
Priority 2	5,225,680	1,699,200	3,526,480
Priority 3	1,441,690	323,210	1,118,480
Priority 4	1,898,260	413,540	1,484,720
Priority 5	3,524,400	696,800	2,827,600
Total	**23,096,770**	**10,785,470**	**12,311,300**

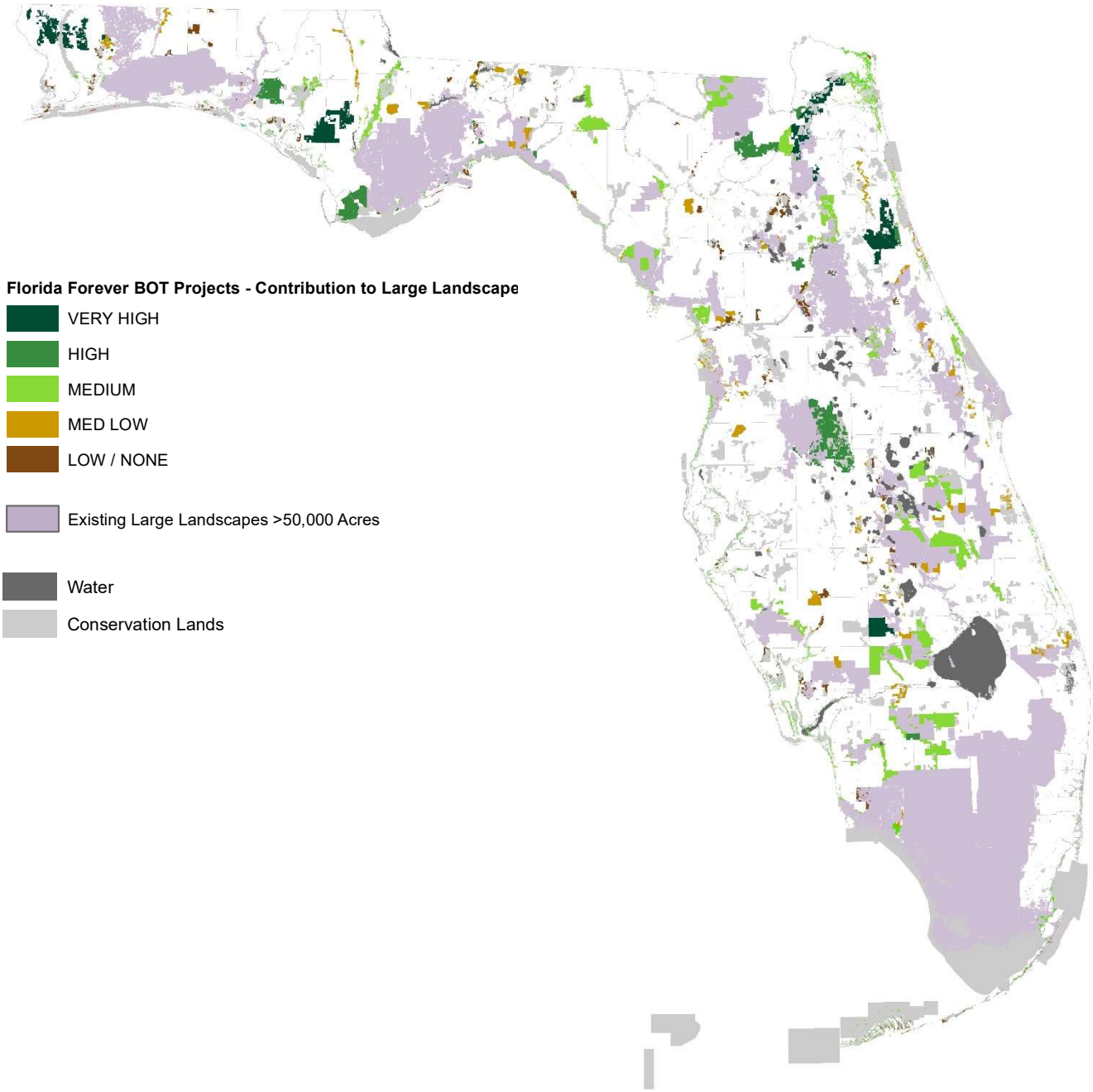
The information displayed on this map was developed or provided to address specific performance measures of the Florida Forever program. The data may not be appropriate for general use and are not intended for use in a regulatory decision-making process.

November 2021

Primary Source: University of Florida; FDEP/Office of Greenways and Trails

Description: Landscape Linkages is represented by the Florida Ecological Greenways Network as revised in 2021, a statewide system of landscape hubs, linkages, and conservation corridors. Prioritization is based on factors such as importance for wide-ranging species, importance for maintaining a connected reserve network, and riparian corridors. Priority 1 areas are considered most important for completing a statewide ecological network of public and private conservation lands.

Landscapes - Large Landscapes



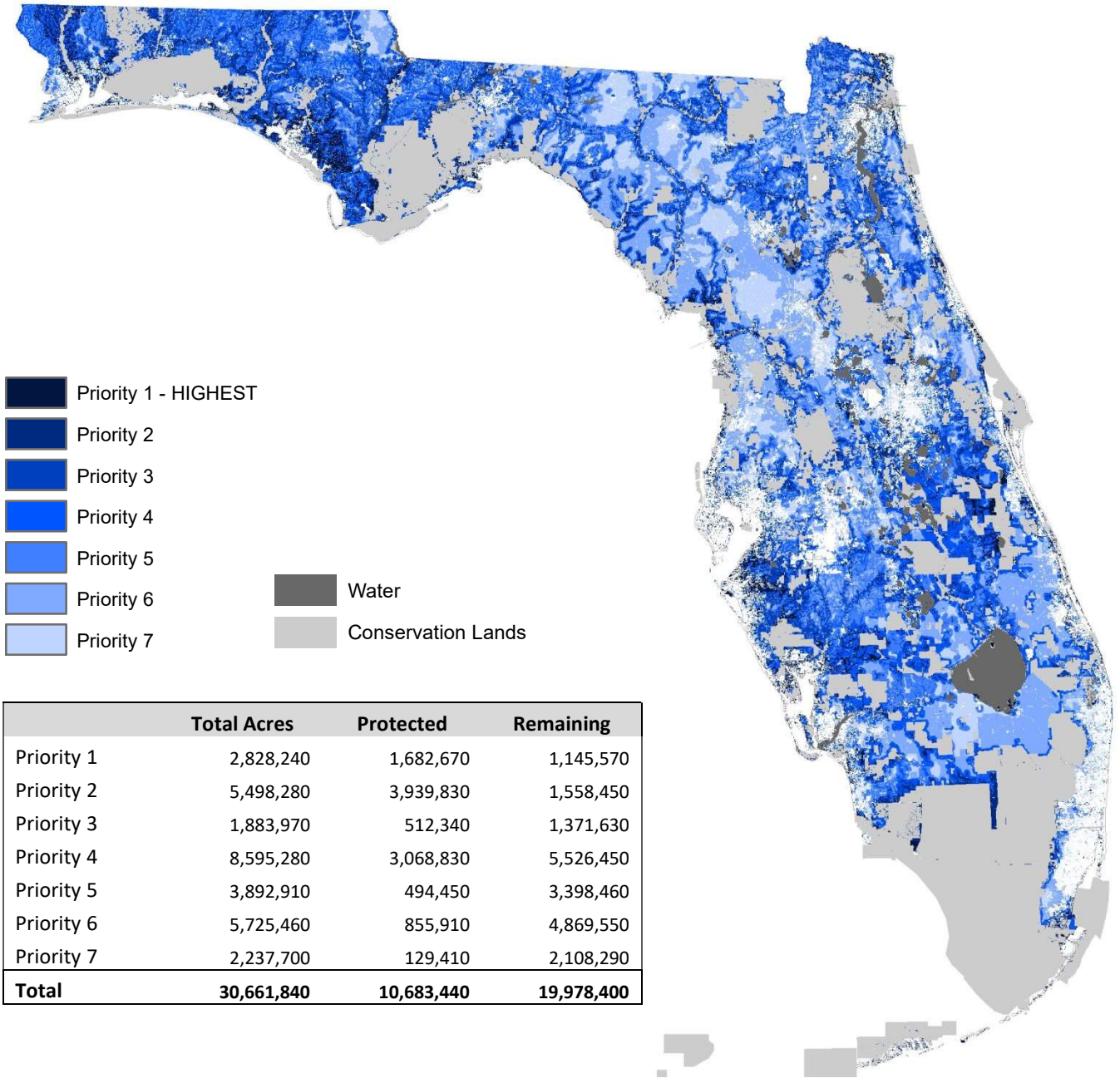
November 2021

The information displayed on this map was developed or provided to address specific performance measures of the Florida Forever program. The data may not be appropriate for general use and are not intended for use in a regulatory decision-making process.

Primary Source: Florida Natural Areas Inventory

Description: The Large Landscapes dataset depicts existing conservation land complexes that comprise contiguous areas of >50,000 acres. Current Florida Forever BOT Projects are prioritized based on their potential contribution to large landscapes >50,000 acres. Protection of these areas would contribute to maintenance of ecosystem processes on a landscape level. For more information see the Conservation Needs Assessment Technical Report: https://www.fnai.org/consland/florida-forever.

Surface Water Protection



	Total Acres	Protected	Remaining
Priority 1	2,828,240	1,682,670	1,145,570
Priority 2	5,498,280	3,939,830	1,558,450
Priority 3	1,883,970	512,340	1,371,630
Priority 4	8,595,280	3,068,830	5,526,450
Priority 5	3,892,910	494,450	3,398,460
Priority 6	5,725,460	855,910	4,869,550
Priority 7	2,237,700	129,410	2,108,290
Total	**30,661,840**	**10,683,440**	**19,978,400**

November 2021

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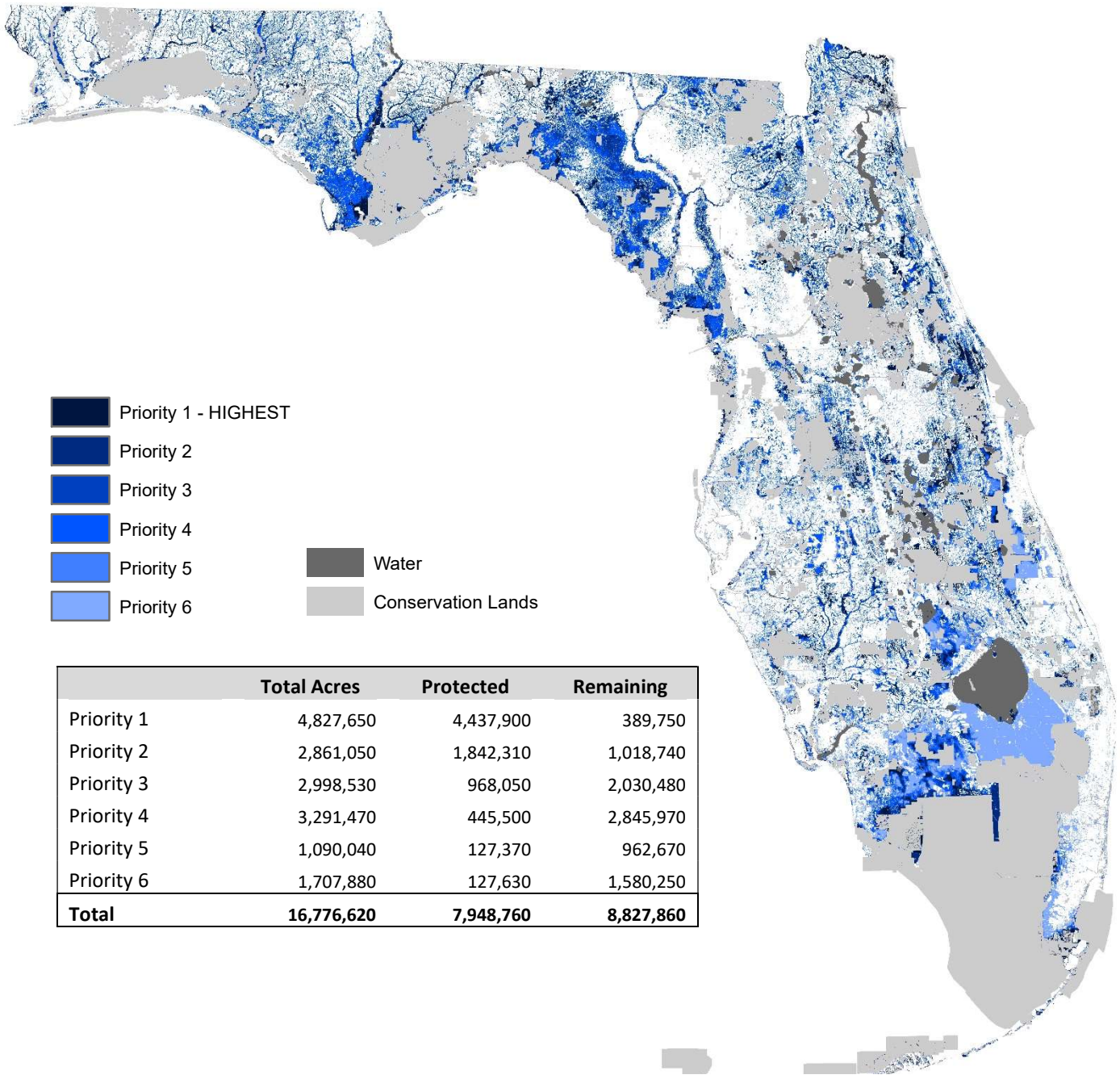
Primary Source: Florida Natural Areas Inventory in collaboration with water resource experts

Description: The surface water data identifies significant high quality surface waters of the state, which include the following: Outstanding Florida Waters, National Scenic Waters and National Estuaries, shellfish harvesting areas, seagrass beds, springs, water supply and waters important for imperiled fish. The data are prioritized based on proximity to a water body, stream order, downstream length, basin size and other factors. For more information see the Conservation Needs Assessment Technical Report: https://www.fnai.org/consland/florida-forever.

Wetlands/Floodplain

Combined Functional Wetlands and Natural Floodplain



	Total Acres	Protected	Remaining
Priority 1	4,827,650	4,437,900	389,750
Priority 2	2,861,050	1,842,310	1,018,740
Priority 3	2,998,530	968,050	2,030,480
Priority 4	3,291,470	445,500	2,845,970
Priority 5	1,090,040	127,370	962,670
Priority 6	1,707,880	127,630	1,580,250
Total	**16,776,620**	**7,948,760**	**8,827,860**

November 2021

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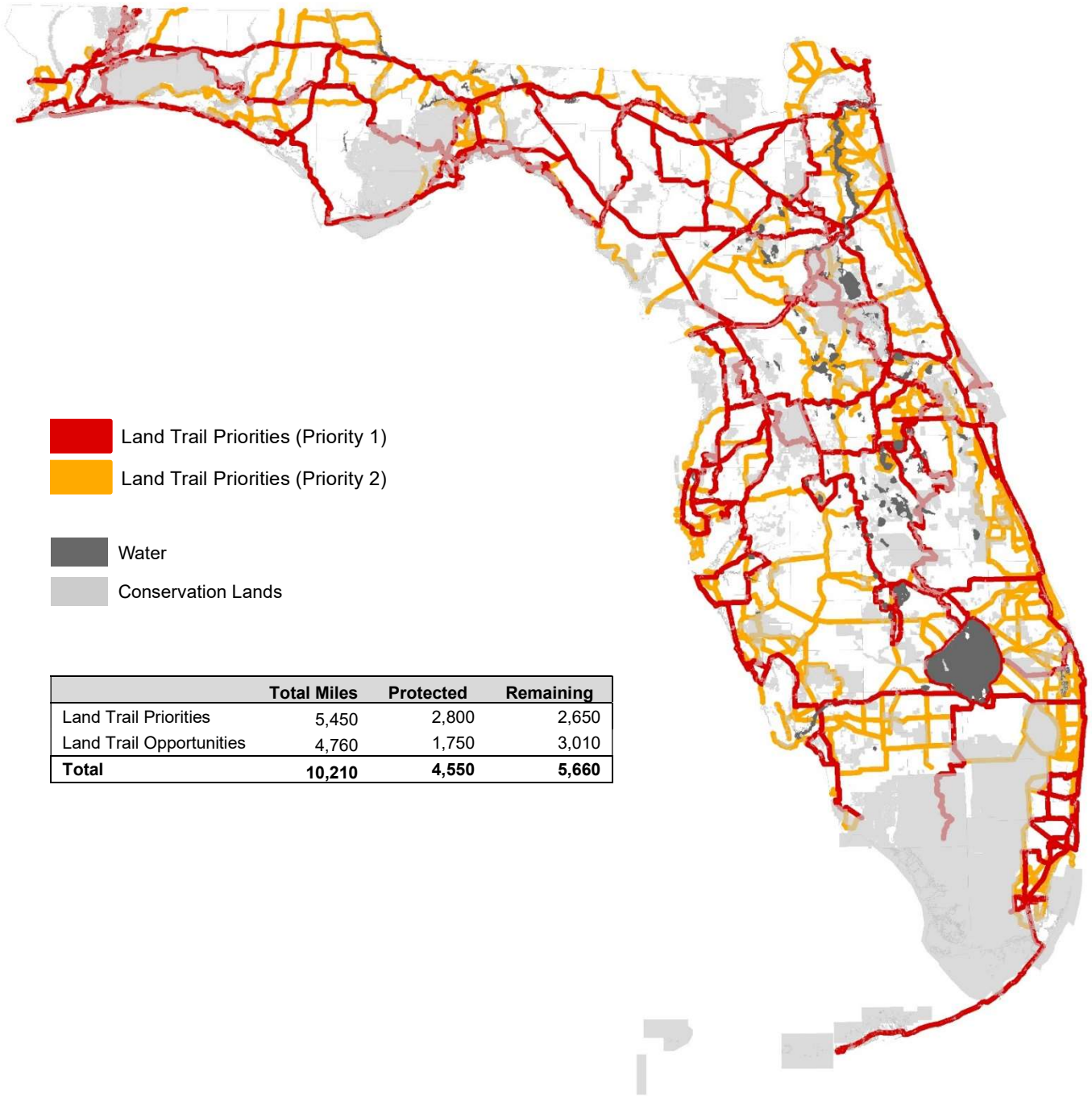
Primary Source: FNAI

Description: The Wetlands/Floodplain data layer identifies lands that protect both functional wetlands and natural floodplain. Prioritization is based on overlap with Land Use Intensity index and FNAI Potential Natural Areas. Please refer to the Decision Support Data Documentation (https://www.fnai.org/consland/florida-forever) for more detailed explanation of how priority classes were assigned in the combination of the wetlands and floodplain layers.

Recreational Trails



	Total Miles	Protected	Remaining
Land Trail Priorities	5,450	2,800	2,650
Land Trail Opportunities	4,760	1,750	3,010
Total	**10,210**	**4,550**	**5,660**

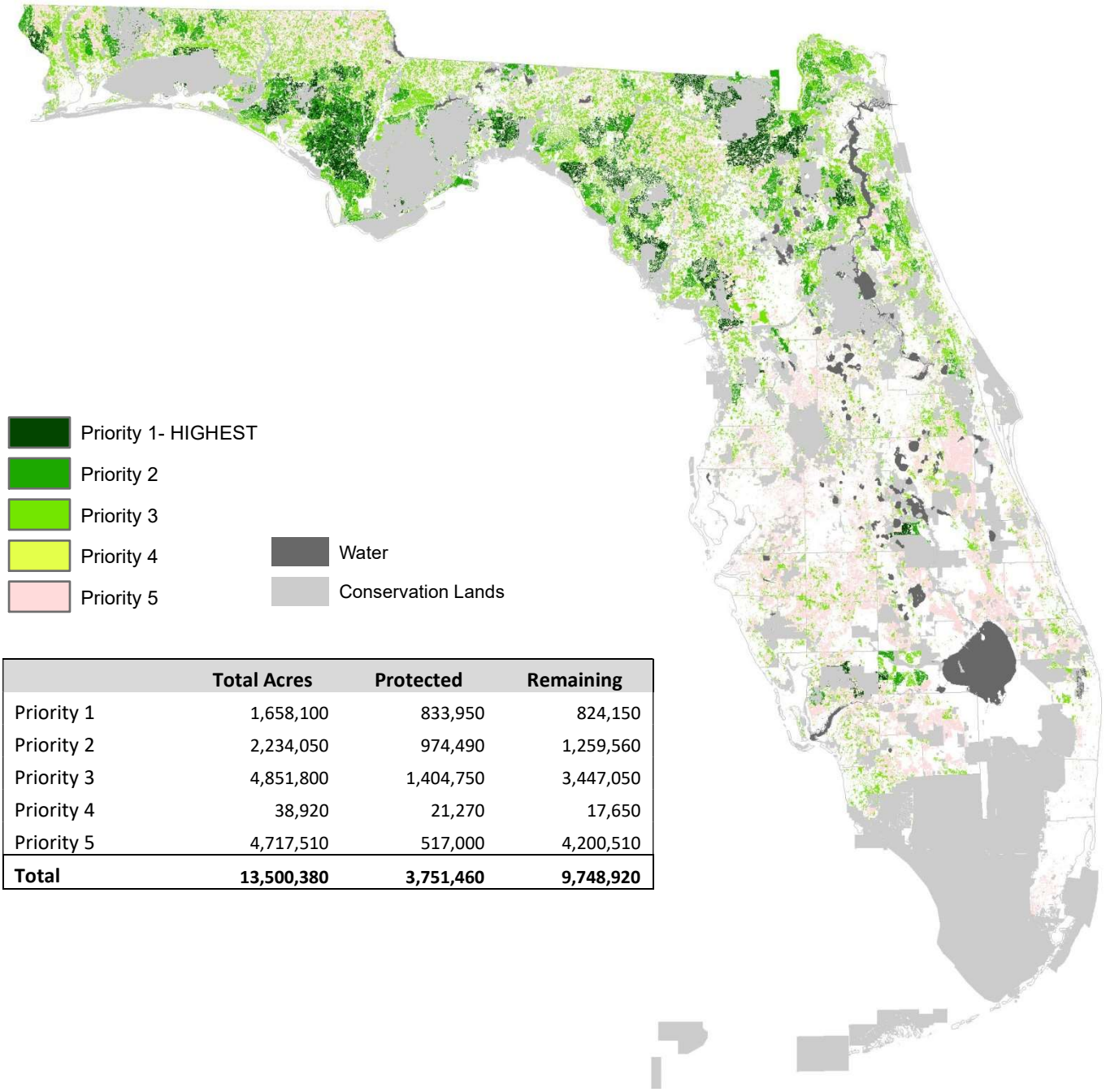
November 2021

The information displayed on this map was developed or provided to address specific performance measures of the Florida Forever program. The data may not be appropriate for general use and are not intended for use in a regulatory decision-making process.

Primary Source: DEP/Office of Greenways and Trails

Description: The Recreational Trails data layer is based on land trail priorities and opportunities, including those for the Florida National Scenic Trail, identified in the Florida Greenways and Trails System Plan (2018 update). These trails are made up of existing, planned and conceptual non-motorized trails that form a connected set of linear recreational opportunities statewide. For more information: http://www.dep.state.fl.us/gwt/FGTS_Plan/default.htm.

Sustainable Forestry



	Total Acres	Protected	Remaining
Priority 1	1,658,100	833,950	824,150
Priority 2	2,234,050	974,490	1,259,560
Priority 3	4,851,800	1,404,750	3,447,050
Priority 4	38,920	21,270	17,650
Priority 5	4,717,510	517,000	4,200,510
Total	**13,500,380**	**3,751,460**	**9,748,920**

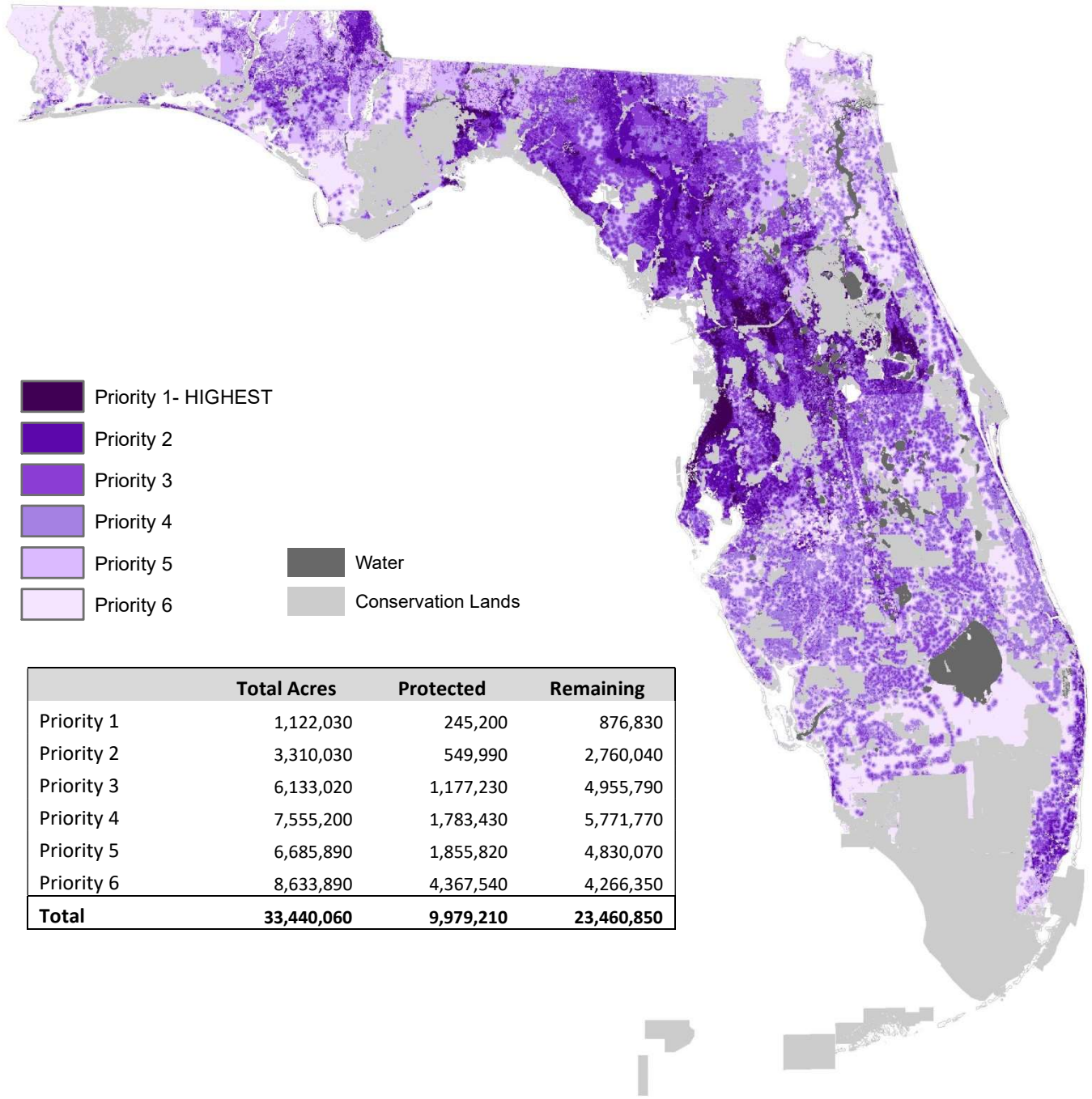
November 2021

The information displayed on this map was developed or provided to address specific performance measures of the Florida Forever program. The data may not be appropriate for general use and are not intended for use in a regulatory decision-making process.

Primary Source: Florida Forest Service; Florida Natural Areas Inventory

Description: The Sustainable Forestry data layer identifies existing pinelands (natural and planted) and former pinelands that are potentially available for forest management. Prioritization is based on 4 criteria set by the Florida Forest Service: whether trees are natural or planted, size of tract, distance to market, and hydrology. Large tracts of natural pine on mesic soils (versus very dry or wet) that are within 50 miles of a mill receive the highest priority. Former pinelands that currently do not have trees receive the lowest priority. For more information see the Conservation Needs Assessment Technical Report: https://www.fnai.org/consland/florida-forever.

Groundwater Recharge



	Total Acres	Protected	Remaining
Priority 1	1,122,030	245,200	876,830
Priority 2	3,310,030	549,990	2,760,040
Priority 3	6,133,020	1,177,230	4,955,790
Priority 4	7,555,200	1,783,430	5,771,770
Priority 5	6,685,890	1,855,820	4,830,070
Priority 6	8,633,890	4,367,540	4,266,350
Total	**33,440,060**	**9,979,210**	**23,460,850**

November 2021

The information displayed on this map was developed or provided to address specific performance measures of the Florida Forever program. The data may not be appropriate for general use and are not intended for use in a regulatory decision-making process.

Primary Source: Advanced Geospatial, Inc.; Florida Natural Areas Inventory

Description: The ground water recharge data layer identifies areas of potential recharge important for natural systems and human use. The data are prioritized based on features that contribute to aquifer vulnerability such as swallets, thickness of the intermediate aquifer confining unit and closed topographical depressions, as well as areas within springshed protection zones and in proximity to public water supply wells. For more information see the Conservation Needs Assessment Technical Report: https://www.fnai.org/consland/florida-forever.

Appendix C.

F – TRAC

Florida Forever
Tool for Efficient Resource Acquisition and Conservation

Model Documentation and
Project Evaluation

Acknowledgments

All of the major decision points in this modeling process received consensus support from a working group of natural resource and conservation experts, who also provided guidance and important insights throughout. The original working group in 2001 – 2003 consisted of Greg Brock, Doria Gordon, Richard Hilsenbeck, Tom Hoctor, Fran James, Randy Kautz, Duane Meeter, Reed Noss, David Stoms, Hilary Swain, and Jora Young. In October 2010 and November 2011 the group convened and provided recommendations for some revisions to the F-TRAC methodology. Participants in the 2010 meeting included Greg Brock, Doria Gordon, Hilary Swain, Randy Kautz, Tom Hoctor, Robert Christianson, Gary Cochran, Mike Hallock-Solomon, Dennis Hardin, Jim Muller, Beth Stys, and Joe North. Greg Brock, Jim Muller, Randy Kautz, and Tom Hoctor participated in the 2011 meeting.

This project was funded by a contract with the Florida Department of Environmental Protection, Division of State Lands.

INTRODUCTION

F-TRAC is an analysis conducted by the Florida Natural Areas Inventory (FNAI) for the Florida Forever environmental land acquisition program. It is based on a computer modeling approach to conservation reserve design known as Iterative Site Selection (ISS). The primary purpose for developing F-TRAC was to provide a concise analysis to evaluate current and potential land acquisition projects for the Florida Forever program. The model approach could be useful for other conservation planning efforts, but the results described here were developed specifically for the needs of Florida Forever, and are not likely to apply to other programs without substantial modifications.

F-TRAC considers seven types of natural resource categories—species, communities, surface waters, wetlands, sustainable forestry, aquifer recharge, and landscape linkages—and identifies a portfolio of sites that efficiently protects those resources. Efficiency is the key to the model; it approaches an optimal solution of the greatest resource protection in a given amount of land. Our analysis resulted in two scenarios: the 2021 Statewide Scenario, which identifies a portfolio of sites throughout the state; and the 2021 on Projects Scenario, which identifies a portfolio of sites only within existing and proposed Florida Forever Projects. Both Scenarios approximate the amount of land likely to be acquired through the twenty-year duration of the Florida Forever program. These scenarios are discussed in more detail below.

F-TRAC is the culmination of efforts by the Florida Natural Areas Inventory to provide scientific support for the Florida Forever program. This effort began with the Florida Forever Conservation Needs Assessment (G. Knight et al. 2000) first produced in December 2000, and since updated on a regular basis (FNAI 2021a). Reports detailing these efforts and other documents relating to the Florida Forever program are available on the FNAI website (www.fnai.org).

The Conservation Needs Assessment includes data layers for 14 natural resource categories corresponding to specific goals and measures established for Florida Forever by the Florida Forever Advisory Council. These goals and measures are closely based on suggested goals for the program set out by the Florida Legislature in the Florida Forever Act (§259.105, F.S.). The Needs Assessment data layers allow FNAI to report progress of the program in terms of ha of resources acquired, and provide a means of evaluating Florida Forever projects based on any single resource. We continue to evaluate projects in this manner using the Single Resource Evaluation (SRE) method (FNAI 2021b).

Despite the utility of the Single Resource Evaluation method, our analysis prior to F-TRAC lacked a method for evaluating a project's overall value for protecting all resources concerned. This can be viewed in terms of both a project's value relative to other projects on the Florida Forever list (needed for prioritizing projects for acquisition), and a project's value relative to the distribution of resources statewide (needed for establishing whether a potential project warrants addition to the list, or whether areas not yet proposed should be considered as projects). F-TRAC addresses both facets in a single evaluation that allows concise reporting and relatively transparent interpretation of results.

To guide our work through the modeling process, we formed a working group of natural resource and reserve design experts. The original group from 2001 – 2003 included 11 members with a broad range of experience from the following organizations: Florida Department of Environmental Protection, Florida State University, The Nature Conservancy, University of Florida, Florida Fish & Wildlife Conservation Commission, University of Central Florida, Archbold Biological Station, and University of California – Santa Barbara. The group reconvened in 2009 – 2011 and was expanded to include Florida

Forestry Service, St. Johns River Water Management District (WMD), Northwest Florida WMD, and experts in the private sector. The working group proved invaluable to the process, and offered critical input and feedback throughout. We were able to achieve expert consensus on virtually all facets of F-TRAC.

As with all models, F-TRAC should be interpreted with appropriate discretion. The results should not be considered a final evaluation of projects for acquisition, but a tool to inform decision-making. No model can fully capture all nuances of a problem. Nevertheless, models such as F-TRAC are powerful because they synthesize a large amount of information in an objective manner, allowing decision-makers to focus on the most critical points of evaluation.

ITERATIVE SITE SELECTION

Iterative Site Selection (ISS) refers to a family of computational algorithms that evaluate large numbers of potential combinations of sites to find a set, or portfolio, that protects the largest amount of resources for the least cost. The algorithms most commonly used are heuristic, meaning that they do not evaluate every possible combination of sites (which is generally not feasible given contemporary computing technology), but proceed through a subset of combinations most likely to include the optimal solution. Each iteration involves the evaluation of one possible portfolio of sites. Generally, if the current portfolio being considered scores "better" than the previous "best" portfolio considered, the current portfolio becomes the "best," and is compared against others in each future iteration, until a better portfolio is found. Eventually a portfolio is found that cannot be improved upon, and is put forward in the model results as the best solution. Because the algorithms are heuristic, there is no guarantee that the solution found is the optimal solution (best among all possible combinations of sites), but by refining the model parameters through successive runs, users can be confident that the solution offered approaches the optimal solution closely enough for practical purposes.

The software we used to run ISS is known as Marxan, and was developed by Ian Ball and Hugh Possingham at the University of Queensland in Australia (Ball et al. 2009, Ball 2000, Ball and Possingham 2000). Marxan and its predecessor Spexan (also known as Sites, an ArcView user interface for Spexan, Andelman et al. 1999) have been used in many conservation planning studies (e.g. Ardron et al. 2002, Kelley et al. 2002, Leslie et al. 2002, Noss et al. 2002). Marxan offers a number of heuristic algorithms, the most commonly used being Simulated Annealing (Kirkpatrick et al. 1983). Simulated annealing is generally recognized to be the most effective algorithm available for ISS, and is the algorithm we used for all modeling in F-TRAC.

The central equation used to evaluate site portfolios in Marxan is known as the Objective Function. Simply put, the Objective Function is as follows:

Score = Portfolio Cost + Resource Shortfall Penalty

Score is a unit-less value that the algorithm attempts to minimize. Portfolio Cost is the cost of the selected portfolio in terms of either area (e.g. ha, acres) or dollars. Resource Shortfall Penalty is a penalty received for not meeting conservation targets for resources. Targets are an important element of the model that will be discussed further below. Additional operands can be added to the basic function, such as a cost threshold penalty (penalty for exceeding a set portfolio budget), a boundary modifier (for clustering sites within the portfolio), etc. Basically, as more sites are added to the

portfolio, cost increases while shortfall penalty decreases. The optimal portfolio will contain the most resource features for the least cost.

F-TRAC MODEL INPUTS

Although a variety of parameters can be adjusted in the model, there are six main inputs essential to the process: planning units, conservation features, targets, weights, minimum area threshold, and cost threshold.

Planning Units

An essential feature of ISS modeling is the use of discrete sites, or planning units. These can take a variety of forms, and previous studies have used everything from grids to hexagons to watersheds. The only requirements are that the planning units are mutually exclusive, they have definable area or monetary cost, and that the distribution of resources across planning units is known.

We used hexagons as planning units because we found that the model works better if planning units are of uniform size and shape. From May 2003 – May 2010 we used the smallest hexagons possible given that Marxan version 1.8.7 software does not function correctly with more than approximately 65,000 planning units. For the 2021 Statewide Scenario, which operates on planning units covering the state of Florida, we used hexagons of 220 ha resulting in more than 68,000 planning units. For the 2021 on Projects Scenario, which operates only within the boundaries of unacquired Florida Forever projects, hexagons were 20 ha resulting in ca. 40,000 planning units. The latest version of Marxan (version 2.4.3) does not have the same limitation on number of planning units and in November 2010 we began using 100 ha hexagons for both Statewide (ca. 125,000 planning units) and on Projects (ca. 11,000 planning units) Scenarios so that these two analyses would be more consistent with each other.

An important exception to the regular hexagons was our use of actual boundaries for existing managed areas and Florida Forever projects in the 2021 Statewide Scenario. Contiguous managed areas were dissolved into a single planning unit that was locked into the model portfolio (since they are already protected lands). Managed area boundaries were from the FNAI Florida Managed Areas database as of September 2021.

Using precise managed areas boundaries, together with an irregular coastline, left many of our statewide hexagons in incomplete segments, some of which were tiny slivers. To correct for this, we selected all polygons outside of the managed area units that were smaller than 50 ha, or half the size of the standard planning unit. These small polygons were then dissolved into the smallest adjacent planning unit. The result was that for all planning units outside of managed areas and projects, planning unit size ranges from 50 – 150 ha (with the exception of small isolated planning units, such as outparcels within managed area boundaries, which could not be dissolved into adjacent polygons). As a final detail, any isolated managed areas smaller than 0.5 ha were dissolved into the surrounding hexagon unit and considered unprotected. Likewise, any isolated outparcels smaller than 0.5 ha surrounded by managed areas were dissolved into the surrounding managed area and considered protected. Figure 1 shows a subset of statewide planning units in Northeast Florida, illustrating the standard hexagon units as well as the irregular managed area units.

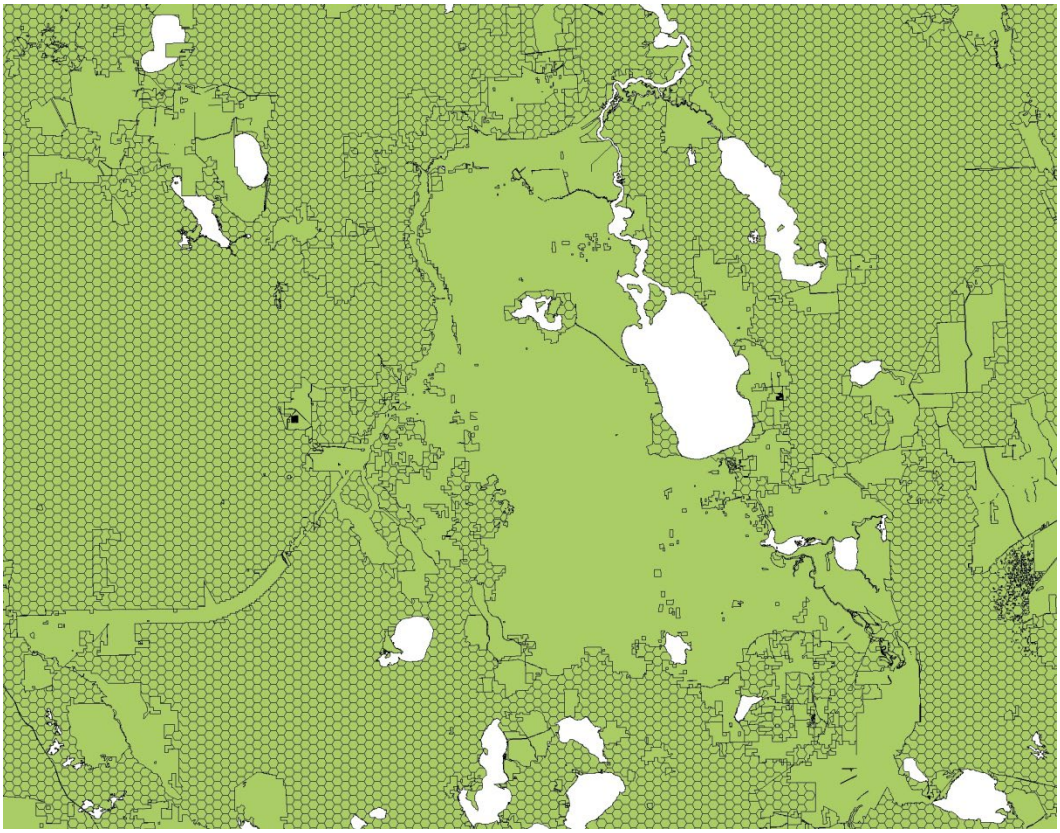


Figure 1. Example of planning units used in the 2021 Statewide Scenario.

All of these manipulations were done to keep planning unit size as uniform as possible, simplify planning unit boundaries, and reduce the total number of planning units. Number of planning units is a significant factor because it is directly related to model running time. Finally, because there is not sufficient statewide land value data for Florida, we used area as our planning unit cost.

Planning Unit Status

Each planning unit is assigned a status that determines how it is evaluated in the final portfolio. Most units are assigned a status of "0" meaning they receive full evaluation in the iterative process and may or may not be selected for a portfolio. Units may also be 'locked in' or 'locked out' of the final portfolio. Prior to November 2010, managed areas were 'locked out' of the on Projects Scenario so that the amount of each conservation feature (i.e., resource) that was already protected was not factored into the final portfolio selection. In October 2010, FNAI and the expert working group recognized that the on Projects portfolio should represent areas that most efficiently protect target resources *in addition* to what is already protected. Therefore, beginning in November 2010, the status of managed areas was 'locked in' for both Statewide and on Projects scenarios, so that remaining planning units were evaluated in light of the amount of resources already protected. Tribal lands were 'locked out' of both Statewide and on Projects scenarios.

Conservation Features

Conservation features are the actual natural resources to be considered in the model. Often they are individual species and natural community occurrences or habitats. If occurrences are used, all planning units having an occurrence of a given species or community will score a 1 for that resource, while other

planning units will score 0. If habitat area is used, planning units are scored in terms of acres or ha of habitat on the planning unit.

For F-TRAC, we were faced with a very different set of conservation features. Rather than individual species or community models, we needed to use the existing Florida Forever Ranking Support Analyses Data Layers derived from the Conservation Needs Assessment data (FNAI 2021a). These data layers were required for two reasons. First, we needed to be able to report model results in terms of the standard data layers being used for all other Florida Forever analysis and reporting. Second, breaking the resource data layers down into individual species habitat models (of which there are about 300) and other individual resource types would have created an impractical number of conservation features (like planning units, the number of conservation features directly influences model running time). As a result, our conservation features represent priority classes of seven different resource types: species, communities, surface waters, wetlands, sustainable forestry, aquifer recharge, and ecological greenways. We did divide the natural community priorities into individual communities, so that we could set targets for each community separately. Several Decision Support Data Layers were further prioritized for input into F-TRAC, including Species, Natural Communities, and Ecological Greenways (described in the Florida Forever Project Ranking Support Analyses Documentation, FNAI 2021b). Table 1 shows these resources broken down into their respective conservation features.

Not all of the Florida Forever Ranking Support Data Layers were included in F-TRAC. Archaeological and Historical Sites, and Recreational Trails did not fit well with the ISS/Marxan modeling environment for various reasons. Cultural sites were not included because cultural resource experts have not identified a method for prioritizing these sites in a quantifiable manner. Recreational Trails were omitted because they are linear rather than area features, and also depend on feature connectivity. All of these resources are still used to evaluate Florida Forever projects using the Single Resource Evaluation method (FNAI 2021b).

Targets

Marxan requires that a target be set for each conservation feature in the model. The target is necessary so that the Resource Shortfall Penalty can be calculated. For each conservation feature, the shortfall penalty is based on the difference between the target for that feature and the actual amount of the feature held in the current portfolio. The penalty is at its maximum if none of the resource is held in the portfolio. If the portfolio includes at least as much of the resource as specified in the target, the shortfall penalty is zero.

Targets for the resources used in F-TRAC were set with consensus of our expert work group, and are shown in Table 1. These are working targets set by informed expert opinion. They are not acquisition targets, and were not set with the acquisition scope of Florida Forever in mind. Rather, the experts considered an ideal conservation scenario for Florida. The targets are set higher for higher priority resources, as these represent the rarest and most sensitive and/or highest quality resources that will likely require managed area protection in order to persist. Also, the targets were not set with current protection status in mind. Some lower priority resources already have more area protected than prescribed by the target (e.g. pine flatwoods, surface waters 4 - 6, wetland/floodplain 5-6, forestry 4-5, recharge 3 – 6). To keep those conservation features as factors in the model, we added an additional 5 percent of the original target ha for those resources to the final target used in the model (as shown in the Target Ha column).

Table 1. Conservation Features, Targets, and Weights Used in F-TRAC in November 2021

Conservation Feature	Total ha	Protected ha	% Protected	Target (% Total ha)	Target (unprotected ha only)	Target (incl. protected)	2021 Weight
species 1 Wide-ranging	326,585	15,419	5%	40%	115,215	130,634	36
species 2 Wide-ranging	12,282	7,671	62%	40%	246	7,917	25
species 3 Wide-ranging	130,270	12,055	9%	40%	40,053	52,108	16
species 4 Wide-ranging	2,045,719	79,368	4%	20%	329,776	409,144	1
species 5 Wide-ranging	758,473	51,831	7%	15%	61,940	113,771	0.5
species 6 Wide-ranging	1,654,801	46,246	3%	10%	119,234	165,480	0.25
species 1 Standard	1,507,735	1,022,040	68%	90%	334,921	1,356,961	81
species 2 Standard	2,214,173	1,469,960	66%	85%	412,087	1,882,047	49
species 3 Standard	278,613	202,103	73%	80%	20,787	222,890	36
species 4 Standard	1,715,342	1,374,492	80%	40%	34,307	1,408,798	16
species 5 Standard	113,693	82,994	73%	25%	1,421	84,415	9
species 6 Standard	49,038	35,832	73%	15%	368	36,200	4
upland glade- Very High	14	1	8%	98%	13	14	100
pine rockland- Very High	6,836	6,509	95%	98%	190	6,699	100
pine rockland- High	3	2	60%	75%	0	2	56
scrub- Very High	191,324	149,066	78%	95%	32,692	181,758	81
scrub- High	11,541	1,868	16%	75%	6,788	8,656	42
scrub- Moderate	2,481	393	16%	50%	848	1,241	25
rockland hammock- Very High	7,353	6,471	88%	95%	515	6,986	81
rockland hammock- High	471	216	46%	75%	137	353	42
rockland hammock- Moderate	542	209	39%	50%	62	271	25
dry prairie- Very High	59,271	43,013	73%	95%	13,294	56,308	81
dry prairie- High	3,284	727	22%	75%	1,736	2,463	42
dry prairie- Moderate	31	8	27%	50%	7	15	25
seepage slope- Very High	2,533	2,522	100%	95%	120	2,643	81
coastal lakes- Very High	502	211	42%	80%	191	402	36
coastal lakes- High	54	0	0%	67%	36	36	20
coastal uplands- Very High	22,701	18,617	82%	80%	908	19,525	36
coastal uplands- High	1,126	416	37%	67%	339	754	20
coastal uplands- Moderate	22	7	33%	40%	1	9	9
sandhill- Very High	283,740	199,190	70%	95%	70,363	269,553	36
sandhill- High	45,827	10,047	22%	75%	24,324	34,370	20
sandhill- Moderate	6,161	692	11%	50%	2,388	3,081	9

sandhill lake- Very High	16,679	5,201	31%	95%	10,645	15,845	36
sandhill lake- High	5,495	106	2%	75%	4,015	4,122	20
sandhill lake- Moderate	1,117	12	1%	50%	546	559	9
upland pine- Very High	83,773	66,254	79%	95%	13,330	79,585	36
upland pine- High	4,388	2,411	55%	75%	880	3,291	20
upland pine- Moderate	366	10	3%	50%	173	183	9
pine flatwoods- Very High	811,034	515,842	64%	50%	20,276	536,118	16
pine flatwoods- High	123,792	19,574	16%	33%	21,278	40,852	12
pine flatwoods- Moderate	28,083	2,115	8%	25%	4,906	7,021	4
upland hardwood- Very High	44,285	14,206	32%	25%	554	14,759	16
upland hardwood- High	32,684	887	3%	15%	4,015	4,903	12
upland hardwood- Moderate	4,173	154	4%	10%	264	417	4
surface waters 1	1,143,716	680,769	60%	90%	348,575	1,029,345	81
surface waters 2	2,221,517	1,594,425	72%	70%	77,753	1,672,178	64
surface waters 3	762,099	207,333	27%	50%	173,716	381,049	49
surface waters 4	3,476,279	1,241,676	36%	30%	52,144	1,293,820	25
surface waters 5	1,574,981	200,091	13%	10%	7,875	207,966	9
surface waters 6	2,315,922	346,168	15%	5%	5,790	351,958	1
surface waters 7	904,801	52,363	6%	5%	2,262	54,625	0.25
wetlands/floodplain 1	1,952,683	1,795,941	92%	90%	87,871	1,883,812	81
wetlands/floodplain 2	1,152,045	745,493	65%	70%	60,938	806,431	49
wetlands/floodplain 3	1,210,162	391,698	32%	50%	213,384	605,081	25
wetlands/floodplain 4	1,328,872	180,207	14%	30%	218,455	398,662	9
wetlands/floodplain 5	440,219	51,531	12%	10%	2,201	53,732	1
wetlands/floodplain 6	690,699	51,643	7%	5%	1,727	53,370	0.25
forestry 1	671,009	337,493	50%	60%	65,112	402,605	81
forestry 2	897,614	394,231	44%	55%	99,457	493,688	49
forestry 3	1,951,296	568,292	29%	35%	114,662	682,954	25
forestry 4	15,748	8,603	55%	15%	118	8,721	9
forestry 5	1,908,820	209,190	11%	10%	9,544	218,734	0.25
recharge 1	453,008	99,097	22%	50%	127,406	226,504	49
recharge 2	1,336,071	222,524	17%	25%	111,494	334,018	25
recharge 3	2,475,022	476,333	19%	10%	12,375	488,708	9
recharge 4	3,049,139	721,611	24%	5%	7,623	729,234	4
recharge 5	2,694,184	750,924	28%	3%	4,041	754,966	1
recharge 6	3,480,772	1,767,523	51%	1%	1,740	1,769,264	0.25
greenways strategic priority 1	92,749	1,774	2%	80%	72,425	74,199	64
greenways strategic priority 2	78,369	3,215	4%	80%	59,480	62,695	49

greenways strategic priority 3	19,164	2,023	11%	80%	13,308	15,331	42.25
greenways strategic priority 4	520,372	28,081	5%	40%	180,067	208,149	25
greenways strategic priority 5	509,126	4,016	1%	20%	97,809	101,825	16
greenways strategic priority 6	158,370	619	0%	5%	7,300	7,919	12.25
greenways strategic priority 7	42,760	853	2%	80%	33,356	34,208	9
greenways strategic priority 8	92,429	1,955	2%	60%	53,503	55,458	6.25
greenways strategic priority 9	42,748	1,003	2%	40%	16,096	17,099	4
greenways strategic priority 10	1,245,616	11,774	1%	5%	50,507	62,281	2.25
greenways strategic priority 11	9,295	32	0%	70%	6,475	6,507	1
greenways strategic priority 12	20,937	22	0%	50%	10,447	10,469	0.75
greenways strategic priority 13	17,500	23	0%	30%	5,227	5,250	0.5
greenways strategic priority 14	408,407	5,022	1%	5%	15,398	20,420	0.25

Weights

Whereas targets tell the model how much of a resource to search for in assembling a portfolio, weights tell the model how hard to search for that resource compared to other conservation features. In model terms, the weight acts as a multiplier on the shortfall between a conservation feature's target and amount held in a portfolio. The higher the weight, the greater the penalty for not meeting the target. Weights are most important when model parameters are set so that not all targets can be met. In such a case weights prioritize which conservation features will come closest to meeting their targets.

As with targets, the weights used in F-TRAC, shown in Table 1, were set with the consensus of our expert workgroup. The weights used were originally based on weights developed for the Single Resource Evaluation, with adjustments made to fit the modeling environment. The weights began as a 10-point scale, but these were squared in order to calibrate them to the model. In general, weights were set based on resource priority (higher priority, higher weight) and the characteristics of each resource class.

Minimum Area

With some resource types it is desirable to establish a minimum area threshold; that is, to get credit for protecting the resource the project must contain a minimum number of acres of that resource. Minimum area is not a required model input. Although Marxan is set up to handle minimum area thresholds, we were unable to get this function to work properly in an early version of the software. Instead we manually adjusted the amount of resource per hexagon in the conservation feature input file of the On Projects scenario. If the minimum area threshold was not met for the entire Florida Forever project (including areas already acquired plus remaining areas in the project), all hexagons that occurred within the remaining area of that project were assigned a zero value for that resource. These adjustments were made prior to running the 2021 On Projects scenario. The minimum area thresholds are shown in Table 2.

Table 2. Minimum area thresholds applied in F-TRAC On Projects scenario.

Conservation Feature	Minimum Area (acres)
pine flatwoods	50

watershed 1	500
watershed 2	500
watershed 3	1000
watershed 4	1000
watershed 5	1000
watershed 6	1000
watershed 7	1000
forestry 1	500
forestry 2	1000
forestry 3	1000
forestry 4	1000
forestry 5	1000

Cost Threshold

Cost Threshold is not a required model input, but is needed if the model scenario is to be based on a limited budget or land area. The cost threshold takes the form of a penalty added to the objective function (increasing the portfolio score) if the portfolio exceeds the threshold. For the 2021 scenarios, the aim was to set a cost threshold so that the final portfolio would equal the amount of land likely to be acquired through the Florida Forever program. Prior to 2016 we used estimates based on projections from the Florida Department of Environmental Protection that approximately 824,600 acres could be acquired on Florida Forever Board of Trustees (FFBOT) projects from July 2008-2021 assuming full Florida Forever funding throughout that time. Of that total, about 515,477 acres have been acquired (July 2001 – Sept 2021). Due to uncertainties of this estimate, beginning in 2016 we used a threshold of 500,000 acres as the amount of land to be identified by the current F-TRAC 2021 scenarios.

MODEL RESULTS

In the course of model development we ran dozens of scenarios to determine the effect of different parameter settings. Some scenarios were designed to test model sensitivity and optimize the model result, while others focused on alternative conservation scenarios. One of the more important sensitivity tests was conducted to determine the effect of increasing the number of iterations in each model run. Typical uses of Marxan set the number of iterations to 1 million for cases of around 10,000-15,000 planning units (D. Stoms, personal communication), while the largest study we found used 10 million iterations for a case involving 32,000 planning units (Ardron et al., 2002, J. Ardron, personal communication). We ran several tests to determine the appropriate number of iterations for a case of 44,000 planning units. Figure 2 shows the results of our tests.

These results indicate that the model score could be substantially reduced by increasing the number of iterations beyond 10 million. The results show diminishing returns with increasing iterations, and due to the amount of time required to run the model we chose 1 billion iterations as our final setting. These tests also showed that increasing the number of model runs (with the same number of iterations) has much less effect on the final score than increasing iterations (with the same number of runs). We plan to conduct additional sensitivity tests with the current set of 120,000 planning units.

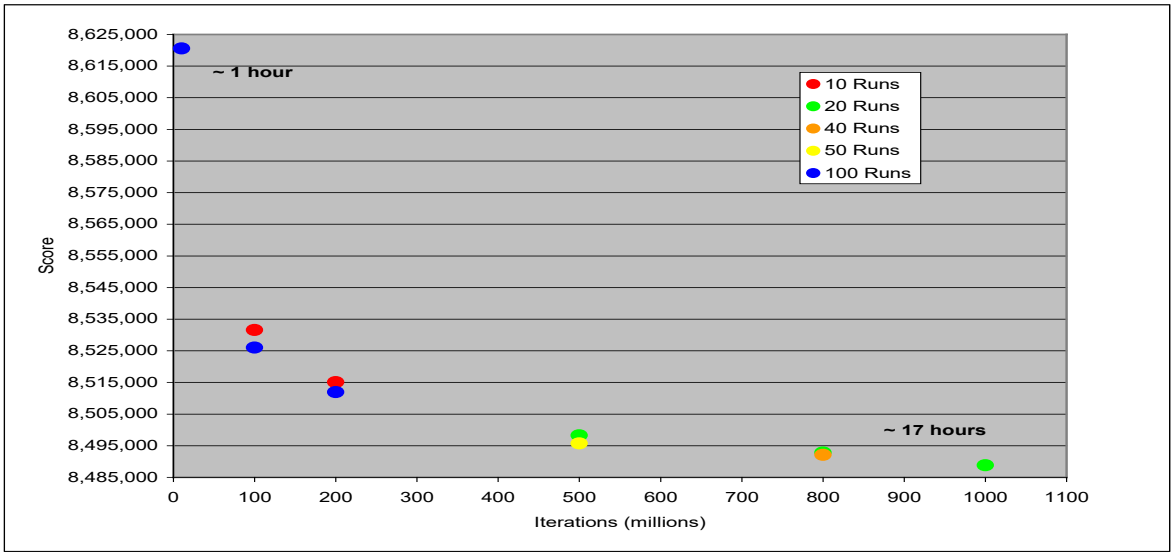


Figure 2. Effect of iterations vs. runs on model results

2021 Statewide Scenario

As noted above, the purpose of the 2021 Statewide scenario was to identify a portfolio of lands statewide with a total area limited to the amount of land expected to be acquired on Florida Forever BOT projects through the 20-year duration of the program. Table 3 lists the amount of each conservation feature included in the portfolio. With conservation lands excluded, the portfolio consists of 202,343 ha which approximates the cost threshold described above.

Not all targets could be achieved in the 2021 Scenario, but many targets were exceeded. These "surplus" ha were due to overlap between these resources and other resources whose targets the model was still trying to achieve. Also note that lower priority resources tended to come closer to meeting their targets. This is due to the fact that lower priorities generally had lower targets to begin with.

2021 On Projects Scenario

The purpose of the 2021 On Projects scenario was to identify a portfolio of lands within the unacquired portions of Florida Forever BOT projects with a total area limited to the amount of land expected to be acquired on Florida Forever BOT projects through the 20-year duration of the program. Table 3 lists the amount of each conservation feature included in the portfolio.

Table 3. Resources included in the 2021 Statewide and On Projects Scenarios in November 2021

	2021 Statewide Portfolio					2021 On Projects Portfolio			
Conservation Feature	**Total Resource Ha Statewide**	**Ha in Portfolio (includes protected)**	**Percent of Total Resource**	**Percent of Target**		**Total Resource Ha On Projects**	**Ha in Portfolio (excludes protected)**	**Percent of Resource On Projects that is in Portfolio**	**Percent of Target**
species 1 Wide-ranging	326,585	42,080	13%	32%		64,933	61,158	70%	47%
species 2 Wide-ranging	12,282	7,917	64%	100%		1,220	7,933	21%	100%
species 3 Wide-ranging	130,270	21,505	17%	41%		21,735	28,638	76%	55%
species 4 Wide-ranging	2,045,719	112,184	5%	27%		268,693	105,696	10%	26%
species 5 Wide-ranging	758,473	60,890	8%	54%		97,201	61,879	10%	54%
species 6 Wide-ranging	1,654,801	57,902	3%	35%		82,115	55,936	12%	34%
species 1 Standard	1,507,735	1,060,663	70%	78%		123,090	1,070,872	40%	79%
species 2 Standard	2,214,173	1,496,788	68%	80%		104,970	1,495,304	24%	79%
species 3 Standard	278,613	206,634	74%	93%		11,704	204,392	20%	92%
species 4 Standard	1,715,342	1,381,629	81%	98%		46,414	1,384,622	22%	98%
species 5 Standard	113,693	83,189	73%	99%		1,653	83,251	16%	99%
species 6 Standard	49,038	36,198	74%	100%		1,423	36,522	49%	101%
upland glade Very High	14	14	100%	102%		7	8	100%	59%
pine rockland Very High	6,836	6,695	98%	100%		80	6,588	100%	98%
pine rockland High	3	2	77%	103%		0	2	100%	81%
scrub- Very High	191,324	154,021	81%	85%		8,674	155,754	77%	86%
scrub- High	11,541	6,093	53%	70%		460	2,320	98%	27%
scrub- Moderate	2,481	1,241	50%	100%		7	400	98%	32%
rockland hammock Very High	7,353	6,986	95%	100%		436	6,906	100%	99%
rockland hammock High	471	353	75%	100%		36	252	100%	71%
rockland hammock Moderate	542	271	50%	100%		2	211	100%	78%
dry prairie Very High	59,271	50,993	86%	91%		11,095	53,540	95%	95%
dry prairie High	3,284	2,463	75%	100%		714	1,432	99%	58%
dry prairie Moderate	31	28	90%	181%		4	13	100%	83%
seepage slope Very High	2,533	2,525	100%	96%		0	2,522	0%	95%
coastal lakes Very High	502	404	80%	101%		1	212	100%	53%
coastal lakes High	54	38	69%	104%		0	0	0%	0%
coastal uplands Very High	22,701	19,220	85%	98%		385	18,931	82%	97%
coastal uplands High	1,126	754	67%	100%		7	421	80%	56%
coastal uplands Moderate	22	11	50%	126%		0	7	0%	84%
sandhill Very High	283,740	201,747	71%	75%		10,810	204,368	48%	76%
sandhill High	45,827	10,859	24%	32%		365	10,301	70%	30%
sandhill Moderate	6,161	1,917	31%	62%		5	696	83%	23%
sandhill lake Very High	16,679	7,736	46%	49%		1,682	6,808	96%	43%
sandhill lake High	5,495	2,346	43%	57%		13	119	100%	3%
sandhill lake Moderate	1,117	558	50%	100%		0	12	100%	2%
upland pine Very High	83,773	66,623	80%	84%		4,833	69,457	66%	87%
upland pine High	4,388	3,290	75%	100%		67	2,473	93%	75%
upland pine Moderate	366	187	51%	102%		0	10	0%	5%
pine flatwoods Very High	811,034	528,210	65%	99%		70,702	537,136	30%	100%
pine flatwoods High	123,792	21,559	17%	53%		5,625	21,257	30%	52%
pine flatwoods Moderate	28,083	2,397	9%	34%		12	2,119	36%	30%
upland hardwood Very High	44,285	15,287	35%	104%		2,448	14,766	23%	100%
upland hardwood High	32,684	3,516	11%	72%		217	1,038	69%	21%
upland hardwood Moderate	4,173	417	10%	100%		10	164	100%	39%
surface waters 1	1,143,716	699,197	61%	68%		68,815	697,643	25%	68%

surface waters 2	2,221,517	1,608,072	72%	96%		92,189	1,616,595	24%	97%
surface waters 3	762,099	213,136	28%	56%		49,803	217,841	21%	57%
surface waters 4	3,476,279	1,305,600	38%	101%		286,400	1,327,714	30%	103%
surface waters 5	1,574,981	223,909	14%	108%		118,859	228,861	24%	110%
surface waters 6	2,315,922	383,160	17%	109%		156,993	368,179	14%	105%
surface waters 7	904,801	66,926	7%	123%		58,730	60,761	14%	111%
wetlands 1	1,952,683	1,808,079	93%	96%		53,987	1,815,991	37%	96%
wetlands 2	1,152,045	764,506	66%	95%		98,233	774,910	30%	96%
wetlands 3	1,210,162	413,405	34%	68%		148,708	418,706	18%	69%
wetlands 4	1,328,872	210,320	16%	53%		139,052	209,147	21%	52%
wetlands 5	440,219	60,535	14%	113%		30,171	56,834	18%	106%
wetlands 6	690,699	56,921	8%	107%		12,330	53,473	15%	100%
forestry 1	671,009	348,908	52%	87%		69,562	345,918	12%	86%
forestry 2	897,614	408,362	45%	83%		104,182	415,191	20%	84%
forestry 3	1,951,296	591,296	30%	87%		161,359	606,210	23%	89%
forestry 4	15,748	9,166	58%	105%		2,478	9,864	51%	113%
forestry 5	1,908,820	233,087	12%	107%		103,131	231,500	22%	106%
recharge 1	453,008	114,785	25%	51%		15,859	106,270	45%	47%
recharge 2	1,336,071	250,257	19%	75%		46,655	233,705	24%	70%
recharge 3	2,475,022	516,474	21%	106%		151,713	514,424	25%	105%
recharge 4	3,049,139	765,019	25%	105%		225,703	778,156	25%	107%
recharge 5	2,694,184	780,448	29%	103%		199,514	795,993	23%	105%
recharge 6	3,480,772	1,796,347	52%	102%		192,549	1,799,063	16%	102%
greenways strategic priority 1	92,749	58,862	63%	79%		27,960	28,892	97%	39%
greenways strategic priority 2	78,369	40,991	52%	65%		16,534	18,904	95%	30%
greenways strategic priority 3	19,164	15,331	80%	100%		5,545	6,736	85%	44%
greenways strategic priority 4	520,372	39,449	8%	19%		188,505	80,590	28%	39%
greenways strategic priority 5	509,126	8,092	2%	8%		147,533	30,377	18%	30%
greenways strategic priority 6	158,370	7,919	5%	100%		25,104	7,919	29%	100%
greenways strategic priority 7	42,760	1,228	3%	4%		10,982	10,707	90%	31%
greenways strategic priority 8	92,429	2,546	3%	5%		18,760	11,499	51%	21%
greenways strategic priority 9	42,748	1,688	4%	10%		5,479	4,889	71%	29%
greenways strategic priority 10	1,245,616	20,435	2%	33%		231,331	34,670	10%	56%
greenways strategic priority 11	9,295	125	1%	2%		1,153	266	20%	4%
greenways strategic priority 12	20,937	45	0%	0%		1,833	825	44%	8%
greenways strategic priority 13	17,500	47	0%	1%		1,911	631	32%	12%
greenways strategic priority 14	408,407	6,130	2%	30%		35,156	6,055	3%	30%

EVALUATING FLORIDA FOREVER PROJECTS

The main purpose of the F-TRAC analysis is to provide a comprehensive means of evaluating current and potential Florida Forever projects across several resource types. The 2021 Statewide scenario provides a picture of what the program could achieve under optimal conditions. We recognize that the achievements of the statewide scenario may not translate into realistic goals for the Florida Forever program. Not all landowners falling within the statewide portfolio will be willing sellers, for example, and of course not all natural resources were included in the model. But the scenario is a reasonable (and challenging) benchmark by which to compare actual program accomplishments.

The 2021 On Projects scenario evaluates planning units only within existing and proposed Florida Forever projects (remaining ha only) for the best places to acquire resources. An evaluation of projects

based on this scenario provides a means of comparing projects relative to one another but does not provide a statewide context.

Because Iterative Site Selection works through random sets of planning units to assemble a portfolio that approaches an optimal collection of resources, each model run will achieve slightly different results. The standard procedure therefore is to include multiple runs for each scenario (as discussed in the documentation below). Marxan also provides a "summed solutions" result, tabulating how many times each planning unit was included in the best portfolio for each run. This statistic has been used by other modelers as a measure of "irreplaceability" of planning units (Ardron et al. 2002; Noss et al. 2002), and is considered to be more robust than using the single best portfolio from one run.

Our final 2021 Scenarios included 50 runs of 1 billion iterations each. We grouped the planning units into six classes based on the number of runs in which they were included in each portfolio. Table 4 provides details of how planning units were grouped. To evaluate Florida Forever projects, we treated the six planning unit classes the same as priority classes of one of our original Ranking Support Analyses Data Layers and scored the projects using the "weighted score" method (described in FNAI 2021b). Weights are shown in Table 4.

Table 4. How planning units in 2021 Scenarios were classed and weighted for project evaluation.

Summed Solutions Class	**Number of Runs**	**Project Scoring Weight**
Class 1	50	10
Class 2	40-49	8
Class 3	30-39	6
Class 4	20-29	4
Class 5	10-19	2
Class 6	1-9	1

Finally, the projects were broken into five groups for concise scoring on the Florida Forever Project Comparative Analysis. The breaks differed for the Statewide versus On Projects evaluation. Because the statewide portfolio planning units were not limited to Florida Forever project boundaries the scores overall were much lower than with the On Projects portfolio. Because the On Projects F-TRAC is intended to evaluate projects relative to each other we set the breaks based a comparison of the cost threshold to the total acres on the list. The 2021 cost threshold of 500,000 acres was approximately 23.3% of the total remaining acres of projects in 2021; thus, we expect an 'average' or medium ranked project to score at least 2.33. The breaks for the On Projects evaluation were set based on this rationale. The project groups as determined by scoring breaks for each scenario are shown in Table 5. Table 6 shows the final scoring and group of Florida Forever projects for the November 2021 evaluation.

Table 5. Project group based on scoring breaks for Statewide and On Projects Scenarios

Project Group	**Scoring Breaks for Statewide Scenario**	**Scoring Breaks for On Projects Scenario**
Very High	≥2.50	≥6.99
High	1.00-2.49	4.66-6.98
Medium	0.20-0.99	2.33-4.65
Medium-Low	0.01-0.19	0.01-2.32
Low to None	0	0

Table 6. Project scores and final grouping for Florida Forever Evaluation Summary Table, November 2021

	2021 Statewide Scenario		2021 on Projects Scenario	
Project	**Score**	**Final Grouping**	**Score**	**Final Grouping**
Adams Ranch	0.591	M	2.674	M
Annutteliga Hammock	1.202	H	5.657	H
Apalachicola River	0.412	M	1.457	ML
Arbuckle Creek Watershed	0.000	L	0.000	L
Archie Carr Sea Turtle Refuge	2.014	H	7.700	VH
Atlantic Ridge Ecosystem	0.021	ML	0.037	ML
Ayavalla Plantation	0.000	L	0.000	L
Baldwin Bay/St. Marys River	0.000	L	0.000	L
Battle of Wahoo Swamp	0.000	L	0.000	L
Bear Creek Forest	0.000	L	0.617	ML
Bear Hammock	0.000	ML	1.801	ML
Belle Meade	0.000	L	0.033	ML
Big Bend Swamp/Holopaw Ranch	1.223	H	5.874	H
Blue Head Ranch	4.718	VH	7.501	VH
Bluefield to Cow Creek	0.000	L	4.582	M
Bombing Range Ridge	3.817	VH	7.746	VH
Brevard Coastal Scrub Ecosystem	0.414	M	1.234	ML
Caloosahatchee Ecoscape	7.684	VH	9.346	VH
Camp Blanding to Raiford Greenway	0.115	ML	0.472	ML
Carr Farm/Price's Scrub	0.000	L	0.000	L
Catfish Creek	0.007	ML	8.876	VH
Charlotte Harbor Estuary	0.064	ML	3.691	M
Charlotte Harbor Flatwoods	0.000	L	2.051	ML
Clear Creek/Whiting Field	0.019	ML	2.495	M
Coastal Headwaters Longleaf Forest	0.046	ML	0.364	ML
Conlin Lake X	0.702	M	7.726	VH
Corkscrew Regional Ecosystem Watershed	0.055	ML	0.573	ML
Corrigan Ranch	4.935	VH	7.944	VH
Coupon Bight/Key Deer	4.037	VH	5.661	H
Crayfish Habitat Restoration	0.000	L	0.000	L
Crossbar/Al Bar Ranch	0.000	L	0.345	ML
Dade County Archipelago	6.436	VH	7.138	VH
Devil's Garden	0.632	M	1.234	ML
Dickerson Bay/Bald Point	6.219	VH	8.666	VH
Eastern Scarp Ranchlands	0.000	L	3.466	M
Econfina Timberlands	0.000	L	0.000	L
Etoniah/Cross Florida Greenway	0.000	L	1.088	ML
Fisheating Creek Ecosystem	1.376	H	5.346	H
Flagler County Blueway	0.408	M	0.408	ML
Florida's First Magnitude Springs	0.018	ML	3.196	M
Florida Keys Ecosystem	3.646	VH	6.566	H
Florida Springs Coastal Greenway	2.335	H	3.053	M
Forest and Lakes Ecosystem	0.406	M	2.536	M
Garcon Ecosystem	0.000	L	0.000	L
Green Swamp	0.000	L	0.379	ML
Gulf Hammock	0.000	L	0.000	L

Half Circle L Ranch	2.447	H	4.179	M
Hall Ranch	0.000	L	1.482	ML
Hardee Flatwoods	0.198	ML	9.120	VH
Heather Island/Ocklawaha River	0.000	L	1.416	ML
Hixtown Swamp	0.000	L	0.000	L
Horse Creek Ranch	0.000	L	0.664	ML
Hosford Chapman's Rhododendron Protection Zone	0.000	L	0.000	L
Ichetucknee Trace	0.017	ML	1.709	ML
Indian River Lagoon Blueway	0.144	ML	6.073	H
Kissimmee-St. Johns River Connector	0.220	M	3.669	M
Lafayette Forest	0.000	L	0.492	ML
Lake Hatchineha Watershed	0.000	L	10.003	VH
Lake Santa Fe	0.000	L	0.000	L
Lake Wales Ridge Ecosystem	2.474	H	7.038	VH
Limestone Ranch	0.000	L	1.224	ML
Little River Conservation Area	0.000	L	0.000	L
Lochloosa Forest	0.000	L	0.000	L
Lochloosa Wildlife	0.000	L	0.362	ML
Longleaf Pine Ecosystem	0.794	M	5.279	H
Lower Perdido River Buffer	0.000	L	0.000	L
Lower Suwannee River and Gulf Watershed	2.551	VH	5.208	H
Matanzas to Ocala Conservation Corridor	0.000	L	0.000	L
Maytown Flatwoods	0.030	ML	2.364	M
Middle Chipola River	0.000	L	0.800	ML
Mill Creek	0.000	L	0.517	ML
Millstone Plantation	0.000	L	0.000	L
Myakka Ranchlands	0.271	M	0.332	ML
Natural Bridge Creek	0.000	L	0.000	L
North Waccasassa Flats	0.000	L	0.000	L
Northeast Florida Blueway	0.025	ML	0.049	ML
Northeast Florida Timberlands and Watershed Reserve	0.000	L	0.016	ML
Ochlockonee River Conservation Area	0.000	L	0.088	ML
Old Town Creek Watershed	0.382	M	9.437	VH
Osceola Pine Savannas	0.000	L	4.800	H
Pal-Mar	0.000	L	5.763	H
Panther Glades	1.684	H	4.255	M
Peace River Refuge	0.000	L	0.000	L
Perdido Pitcher Plant Prairie	0.000	L	0.000	L
Pierce Mound Complex	0.000	L	0.000	L
Pine Island Slough Ecosystem	0.342	M	2.635	M
Pineland Site Complex	0.000	L	0.000	L
Pinhook Swamp	0.000	L	0.004	ML
Pringle Creek Forest	0.000	L	0.000	L
Pumpkin Hill Creek	0.232	M	0.428	ML
Raiford to Osceola Greenway	0.072	ML	0.271	ML
Rainbow River Corridor	0.308	M	4.633	M
Ranch Reserve	0.000	L	2.741	M
Red Hills Conservation	0.000	L	5.747	H
San Felasco Conservation Corridor	0.000	L	0.000	L
San Pedro Bay	0.163	ML	0.732	ML

Sand Mountain	1.289	H	3.220	M
Save Our Everglades	0.000	L	2.543	M
Shoal River Buffer	0.000	L	0.579	ML
South Goethe	0.218	M	3.090	M
South Walton County Ecosystem	0.004	ML	8.334	VH
Southeastern Bat Maternity Caves	0.000	L	1.291	ML
Spruce Creek	0.000	L	1.567	ML
St. Joe Timberland	1.674	H	6.854	H
St. Johns River Blueway	0.000	L	0.000	L
Strategic Managed Area Lands List	0.728	M	2.359	M
Suwannee County Preservation	0.000	L	1.154	ML
Taylor Sweetwater Creek	9.194	VH	9.992	VH
Telogia Creek	0.000	L	8.822	VH
Terra Ceia	0.000	L	0.145	ML
Tiger Island/Little Tiger Island	0.000	L	0.000	L
Triple Diamond	2.606	VH	6.255	H
Twelvemile Slough	1.265	H	5.625	H
Upper Shoal River	0.000	L	0.000	L
Volusia Conservation Corridor	0.000	L	0.040	ML
Wacissa/Aucilla River Sinks	1.466	H	5.820	H
Wakulla Springs Protection Zone	0.124	ML	9.201	VH
Watermelon Pond	0.000	L	2.551	M
Wekiva-Ocala Greenway	0.000	L	5.103	H
Welannee Watershed Forest	0.000	L	0.000	L
West Aucilla River Buffer	0.000	L	0.000	L
West Bay Preservation Area	0.000	L	0.000	L
Wilson Ranch	0.000	L	0.000	L
Withlacoochee River Corridor	0.000	L	0.000	L
Wolfe Creek Forest	0.000	L	0.031	ML

In summary, F-TRAC is a valuable tool to help decision makers evaluate a large amount of natural resource data in a concise format. We reiterate here that F-TRAC does not represent a final acquisition plan for the state of Florida, but is a tool to inform those who must make the final decisions regarding land acquisition projects. Also, F-TRAC is designed to be the primary tool to evaluate Florida Forever projects, but should be used in conjunction with the Florida Forever Single Resource Evaluation, and any other relevant information not captured by quantitative natural resource data.

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SUB-APPENDIX A

Marxan Input Parameters for November 2021 F-TRAC Scenarios

2021 Statewide Scenario

Number of Planning Units:	122,383
Runs:	50
Boundary Modifier:	0
Run Options:	Simulated Annealing only
Iterations:	1,000,000,000
Temperature Decreases:	10,000
Annealing Schedule:	Adaptive
Cost Threshold:	5,380,853 ha
Penalty Factor A:	5000
Penalty Factor B:	0.01
Starting Proportion:	0.01
Random Seed:	No

2021 On Projects Scenario

Number of Planning Units:	11,387 (excludes 'locked out' units outside of FFBOT remaining areas from original set of 122,383)
Runs:	50
Boundary Modifier:	0
Run Options:	Simulated Annealing only
Iterations:	1,000,000,000
Temperature Decreases:	10,000
Annealing Schedule:	Adaptive
Cost Threshold:	5,380,853 ha
Penalty Factor A:	2470
Penalty Factor B:	0.01
Starting Proportion:	0.01
Random Seed:	no

Appendix D. Results of Project Ranking Support Analyses for Addtional Criteria and Measures: Urban Service Areas, Flood Protection, Sea Level Rise, Restoration, Soil Carbon, and Storm Surge

Category	Project Acres Remaining	Project	ID	Percent within Urban Areas	Percent within 100-year Floodplain	Percent Inundated at 1-meter Sea Level Rise	Restoration			Soil Carbon		Storm Surge		Military Buffers	
							Restoration Emphasis of Project	Percent in BMAP	Final Restoration Group	Average soil total carbon (0-20 cm) value (kg/m2)	Final Soil Carbon Group	Acres in Storm Surge Zones 1-5	Final Storm Surge Group	Distance to Nearest Base	Final Military Buffer Group
LTF	32,990	Adams Ranch	1	0%	33%	0%		98%	High	4.09	Medium	0	Low	-	Low
PRI	8,796	Annutteliga Hammock	2	11%	23%	0%		100%	High	3.66	Medium	1,689	Med-Low	-	Low
CNL	48,860	Apalachicola River	3	0%	83%	1%		0%	Low	4.67	Medium	143	Low	-	Low
LTF	3,428	Arbuckle Creek Watershed	4	0%	39%	0%		100%	High	7.40	High	0	Low	adjacent	Very High
CCL	174	Archie Carr Sea Turtle Refuge	5	29%	72%	41%		61%	High	1.29	Low	164	High	-	Low
PRI	8,175	Atlantic Ridge Ecosystem	6	5%	37%	1%		23%	Medium	5.07	Medium	166	Low	-	Low
LTF	5,788	Ayavalla Plantation	7	0%	32%	0%		100%	High	3.86	Medium	0	Low	-	Low
PRI	8,397	Baldwin Bay/St. Marys River	8	0%	43%	0%		0%	Low	5.58	Medium	0	Low	<5km	Medium
CHL	853	Battle of Wahoo Swamp	9	0%	91%	0%		0%	Low	7.86	High	0	Low	-	Low
CNL	97,434	Bear Creek Forest	10	0%	48%	0%		0%	Low	4.93	Medium	0	Low	-	Low
CNL	4,689	Bear Hammock	11	1%	29%	0%		90%	High	4.05	Medium	10	Low	-	Low
CNL	4,925	Belle Meade	12	0%	98%	10%		0%	Low	8.53	Very High	4,929	Very High	-	Low
LTF	40,848	Big Bend Swamp/Holopaw Ranch	13	0%	65%	0%		76%	High	6.20	Medium	0	Low	-	Low
CNL	43,051	Blue Head Ranch	14	0%	49%	0%		92%	High	4.56	Medium	0	Low	-	Low
LTF	10,996	Bluefield to Cow Creek	15	0%	35%	0%		100%	High	5.15	Medium	0	Low	-	Low
CNL	29,262	Bombing Range Ridge	16	0%	37%	0%		100%	High	4.99	Medium	0	Low	adjacent	Very High
PRI	20,658	Brevard Coastal Scrub Ecosystem	17	17%	48%	0%		65%	High	4.14	Medium	636	Med-Low	-	Low
CNL	9,594	Caloosahatchee Ecoscape	18	0%	58%	0%		100%	High	3.63	Medium	1,185	Low	-	Low
CNL	32,282	Camp Blanding to Raiford Greenway	19	0%	51%	0%		45%	Medium	5.51	Medium	0	Low	-	Low
PRI	428	Carr Farm/Price's Scrub	20	0%	15%	0%		83%	High	3.59	Medium	0	Low	-	Low
PRI	3,231	Catfish Creek	21	0%	68%	0%		100%	High	7.62	High	0	Low	-	Low
SC	5,886	Charlotte Harbor Estuary	22	7%	87%	62%		0%	Low	6.25	Medium	5,619	Very High	-	Low
PRI	6,786	Charlotte Harbor Flatwoods	23	0%	39%	0%		30%	Medium	2.83	Medium-Low	6,768	Medium	-	Low
PRI	2,867	Clear Creek/Whiting Field	24	0%	6%	0%		0%	Low	3.27	Medium-Low	0	Low	adjacent	Very High
LTF	97,346	Coastal Headwaters Longleaf Forest	25	0%	18%	0%	strong	0%	High	4.08	Medium	56	Low	<5km	Med-Low
LTF	3,522	Conlin Lake X	26	0%	67%	0%		100%	High	4.67	Medium	0	Low	-	Low
PRI	31,188	Corkscrew Regional Ecosystem Watershed	27	0%	90%	0%		7%	Low	5.24	Medium	31,060	Medium	-	Low
CNL	6,211	Corrigan Ranch	28	0%	30%	0%		100%	High	4.56	Medium	0	Low	<5km	Medium
CCL	1,157	Coupon Bight/Key Deer	29	28%	97%	95%		0%	Low	3.45	Medium-Low	39	Low	-	Low
PRI	2,348	Crayfish Habitat Restoration	30	6%	73%	0%		0%	Low	3.98	Medium	0	Low	-	Low
PRI	12,440	Crossbar/Al Bar Ranch	31	0%	29%	0%	strong	100%	High	3.76	Medium	0	Low	-	Low
PRI	303	Dade County Archipelago	32	53%	55%	5%		0%	Low	10.29	Medium	233	Med-Low	<5km	Low
CNL	49,244	Devil's Garden	33	0%	84%	0%		3%	Low	4.56	Medium	0	Low	-	Low
SC	3,077	Dickerson Bay/Bald Point	34	0%	92%	70%		0%	Low	4.94	Medium	2,987	Very High	-	Low

Category	Project Acres Remaining	Project	ID	Percent within Urban Areas	Percent within 100-year Floodplain	Percent Inundated at 1-meter Sea Level Rise	Restoration			Soil Carbon		Storm Surge		Military Buffers	
							Restoration Emphasis of Project	Percent in BMAP	Final Restoration Group	Average soil total carbon (0-20 cm) value (kg/m2)	Final Soil Carbon Group	Acres in Storm Surge Zones 1-5	Final Storm Surge Group	Distance to Nearest Base	Final Military Buffer Group
LTF	2,214	Eastern Scarp Ranchlands	35	0%	18%	0%		100%	High	4.59	Medium	0	Low	adjacent	Very High
CNL	1,665	Econfina Timberlands	36	0%	70%	0%		100%	High	5.01	Medium	0	Low	-	Low
CNL	52,558	Etoniah/Cross Florida Greenway	37	0%	34%	0%		84%	High	4.81	Medium	67	Low	<5km	Medium
LTF	122,213	Fisheating Creek Ecosystem	38	0%	52%	0%		98%	High	4.34	Medium	43,015	Med-Low	-	Low
PRI	3,891	Flagler County Blueway	39	15%	57%	27%		0%	Low	5.10	Medium	3,343	Medium	-	Low
PRI	6,040	Florida's First Magnitude Springs	40	2%	29%	2%		62%	High	3.50	Medium	685	Med-Low	-	Low
CCL	5,817	Florida Keys Ecosystem	41	40%	90%	94%		0%	Low	4.91	Medium	514	Med-Low	adjacent	Medium
SC	8,885	Florida Springs Coastal Greenway	42	0%	74%	91%		40%	Medium	4.59	Medium	5,394	High	-	Low
CNL	54,862	Forest and Lakes Ecosystem	43	0%	24%	0%		0%	Low	2.96	Medium-Low	141	Low	-	Low
CCL	3,252	Garcon Ecosystem	44	0%	15%	4%		0%	Low	5.84	Medium	1,624	Med-Low	-	Low
PRI	161,213	Green Swamp	45	1%	55%	0%		27%	Medium	5.93	Medium	0	Low	-	Low
LTF	25,611	Gulf Hammock	46	0%	99%	16%		0%	Low	5.45	Medium	25,591	Very High	-	Low
CNL	11,182	Half Circle L Ranch	47	0%	100%	0%	strong	0%	High	3.43	Medium-Low	0	Low	-	Low
PRI	7,503	Hall Ranch	48	0%	29%	0%		23%	Medium	3.05	Medium-Low	1	Low	-	Low
LTF	1,836	Hardee Flatwoods	49	0%	63%	0%		0%	Low	5.03	Medium	0	Low	-	Low
PRI	13,666	Heather Island/Ocklawaha River	50	1%	25%	0%	strong	100%	High	5.69	Medium	0	Low	-	Low
CNL	22,186	Hixtown Swamp	51	0%	60%	0%		37%	Medium	6.42	High	0	Low	-	Low
LTF	16,316	Horse Creek Ranch	52	0%	24%	0%		0%	Low	3.99	Medium	0	Low	-	Low
LTF	6,923	Hosford Chapman's Rhododendron Protection A	53	0%	46%	0%		60%	High	3.88	Medium	0	Low	-	Low
CNL	1,717	Ichetucknee Trace	54	0%	12%	0%	strong	100%	High	3.23	Medium-Low	0	Low	-	Low
PRI	18,145	Indian River Lagoon Blueway	55	6%	47%	40%		86%	High	5.79	Medium	15,261	Medium	-	Low
LTF	37,851	Kissimmee-St. Johns River Connector	56	0%	56%	0%	strong	50%	High	4.60	Medium	0	Low	-	Low
PRI	10,253	Lafayette Forest	57	0%	64%	0%	strong	100%	High	5.86	Medium	0	Low	-	Low
CNL	3,592	Lake Hatchineha Watershed	58	4%	27%	0%		100%	High	5.49	Medium	0	Low	-	Low
PRI	8,876	Lake Santa Fe	59	0%	39%	0%		89%	High	5.31	Medium	0	Low	-	Low
CNL	29,702	Lake Wales Ridge Ecosystem	60	1%	32%	0%		86%	High	5.07	Medium	0	Low	adjacent	High
LTF	6,382	Limestone Ranch	61	0%	28%	0%		0%	Low	4.15	Medium	7	Low	-	Low
LTF	2,293	Little River Conservation Area	62	0%	32%	0%		100%	High	4.64	Medium	0	Low	-	Low
PRI	4,693	Lochloosa Forest	63	0%	30%	0%		100%	High	4.38	Medium	0	Low	-	Low
SC	4,446	Lochloosa Wildlife	64	0%	61%	0%		100%	High	4.78	Medium	0	Low	-	Low
CNL	9,915	Longleaf Pine Ecosystem	65	0%	9%	0%	strong	93%	High	2.47	Medium-Low	0	Low	-	Low
LTF	2,338	Lower Perdido River Buffer	66	9%	22%	2%		0%	Low	5.98	Medium	866	Med-Low	adjacent	Very High
LTF	25,339	Lower Suwannee River and Gulf Watershed	67	0%	65%	21%		6%	Low	5.70	Medium	25,333	Very High	-	Low
LTF	96,707	Matanzas to Ocala Conservation Corridor	68	0%	40%	4%		85%	High	6.10	Medium	4,588	Med-Low	-	Low
SC	1,064	Maytown Flatwoods	69	0%	30%	0%		0%	Low	5.07	Medium	0	Low	-	Low
PRI	12,356	Middle Chipola River	70	0%	58%	2%		0%	Low	3.66	Medium	0	Low	-	Low
LTF	10,135	Mill Creek	71	0%	56%	0%		100%	High	5.60	Medium	0	Low	-	Low
LTF	83	Millstone Plantation	72	101%	5%	0%		100%	High	2.33	Medium-Low	0	Low	-	Low

Category	Project Acres Remaining	Project	ID	Percent within Urban Areas	Percent within 100-year Floodplain	Percent Inundated at 1-meter Sea Level Rise	Restoration			Soil Carbon		Storm Surge		Military Buffers	
							Restoration Emphasis of Project	Percent in BMAP	Final Restoration Group	Average soil total carbon (0-20 cm) value (kg/m2)	Final Soil Carbon Group	Acres in Storm Surge Zones 1-5	Final Storm Surge Group	Distance to Nearest Base	Final Military Buffer Group
LTF	30,057	Myakka Ranchlands	73	0%	41%	0%		0%	Low	4.50	Medium	753	Med-Low	-	Low
CNL	1,967	Natural Bridge Creek	74	0%	23%	0%		0%	Low	4.38	Medium	0	Low	-	Low
LTF	14,153	North Waccasassa Flats	75	0%	69%	0%		100%	High	6.11	Medium	0	Low	-	Low
CCL	10,971	Northeast Florida Blueway	76	48%	69%	66%		37%	Medium	7.08	High	8,352	High	adjacent	Very High
PRI	74,518	Northeast Florida Timberlands and Watershed	77	0%	21%	2%	strong	50%	High	4.66	Medium	9,627	Med-Low	adjacent	Very High
LTF	3,881	Ochlockonee River Conservation Area	78	0%	51%	0%		100%	High	4.15	Medium	0	Low	-	Low
LTF	1,264	Old Town Creek Watershed	79	0%	25%	0%		0%	Low	4.86	Medium	0	Low	-	Low
CNL	23,239	Osceola Pine Savannas	80	0%	45%	0%		11%	Medium	6.08	Medium	0	Low	-	Low
PRI	9,333	Pal-Mar	81	0%	63%	0%		45%	Medium	4.05	Medium	4	Low	-	Low
CNL	39,382	Panther Glades	82	0%	92%	0%		0%	Low	4.29	Medium	1,916	Low	-	Low
LTF	3,033	Peace River Refuge	83	1%	95%	1%		0%	Low	3.69	Medium	2,981	High	-	Low
CNL	2,389	Perdido Pitcher Plant Prairie	84	71%	47%	2%		0%	Low	7.53	High	737	Med-Low	adjacent	Very High
CHL	562	Pierce Mound Complex	85	1%	83%	76%		0%	Low	5.77	Medium	562	High	-	Low
CNL	21,895	Pine Island Slough Ecosystem	86	0%	18%	0%		98%	High	4.64	Medium	0	Low	<5km	Medium
CHL	144	Pineland Site Complex	87	0%	97%	83%		0%	Low	4.15	Medium	144	High	-	Low
CNL	53,737	Pinhook Swamp	88	0%	60%	0%		0%	Low	6.64	High	0	Low	-	Low
PRI	8,446	Pringle Creek Forest	89	0%	50%	0%		11%	Medium	5.60	Medium	0	Low	-	Low
PRI	6,951	Pumpkin Hill Creek	90	9%	23%	13%		27%	Medium	5.69	Medium	3,520	Med-Low	<1km	Med-Low
LTF	67,678	Raiford to Osceola Greenway	91	0%	52%	0%		51%	High	5.98	Medium	0	Low	-	Low
PRI	1,059	Rainbow River Corridor	92	13%	14%	1%		100%	High	3.29	Medium-Low	65	Low	-	Low
LTF	12,519	Ranch Reserve	93	0%	33%	0%		0%	Low	4.97	Medium	0	Low	-	Low
LTF	16,916	Red Hills Conservation	94	0%	19%	0%		100%	High	3.77	Medium	0	Low	-	Low
LTF	376	San Felasco Conservation Corridor	95	1%	38%	0%		100%	High	5.28	Medium	0	Low	-	Low
CNL	44,999	San Pedro Bay	96	0%	93%	0%		21%	Medium	7.76	High	0	Low	-	Low
PRI	14,534	Sand Mountain	97	0%	23%	0%		0%	Low	2.89	Medium-Low	0	Low	-	Low
SC	24	Save Our Everglades	98	0%	95%	0%		0%	Low	7.87	Medium-Low	24	High	-	Low
CNL	2,188	Shoal River Buffer	99	12%	51%	0%		0%	Low	4.96	Medium	0	Low	adjacent	Very High
CNL	11,355	South Goethe	100	0%	33%	0%	strong	0%	High	4.00	Medium	24	Low	-	Low
SC	2,657	South Walton County Ecosystem	101	29%	47%	3%		0%	Low	4.29	Medium	1,059	Med-Low	-	Low
CNL	598	Southeastern Bat Maternity Caves	102	0%	56%	0%		0%	Low	3.88	Medium	0	Low	-	Low
SC	358	Spruce Creek	103	23%	54%	14%		0%	Low	4.66	Medium	112	Med-Low	-	Low
CCL	56,242	St. Joe Timberland	104	0%	85%	20%		0%	Low	5.99	Medium	52,310	High	-	Low
CCL	17,194	St. Johns River Blueway	105	15%	41%	35%		100%	High	6.95	High	6,595	Med-Low	-	Low
CNL	11,518	Strategic Managed Area Lands List	106	2%	59%	24%		29%	Medium	5.79	Medium	5,690	Medium	<1km	Medium
LTF	1,254	Suwannee County Preservation	107	0%	36%	0%		100%	High	3.75	Medium	0	Low	-	Low
CCL	3,742	Taylor Sweetwater Creek	108	0%	76%	42%		0%	Low	5.78	Medium	3,694	Very High	-	Low
CNL	12,428	Telogia Creek	109	0%	36%	0%		0%	Low	4.10	Medium	0	Low	-	Low
CCL	2,292	Terra Ceia	110	16%	94%	80%	strong	0%	High	6.18	Medium	2,266	Very High	-	Low

Category	Project Acres Remaining	Project	ID	Percent within Urban Areas	Percent within 100-year Floodplain	Percent Inundated at 1-meter Sea Level Rise	Restoration			Soil Carbon		Storm Surge		Military Buffers	
							Restoration Emphasis of Project	Percent in BMAP	Final Restoration Group	Average soil total carbon (0-20 cm) value (kg/m2)	Final Soil Carbon Group	Acres in Storm Surge Zones 1-5	Final Storm Surge Group	Distance to Nearest Base	Final Military Buffer Group
CCL	655	Tiger Island/Little Tiger Island	111	0%	97%	100%		0%	Low	9.68	High	610	High	-	Low
CNL	5,336	Triple Diamond	112	0%	53%	0%		0%	Low	4.36	Medium	0	Low	-	Low
CNL	8,036	Twelvemile Slough	113	0%	98%	0%		96%	High	3.73	Medium	0	Low	-	Low
CNL	12,035	Upper Shoal River	114	0%	16%	0%		0%	Low	4.05	Medium	0	Low	<5km	Medium
PRI	17,819	Volusia Conservation Corridor	115	0%	58%	1%		0%	Low	5.78	Medium	0	Low	-	Low
CNL	14,908	Wacissa/Aucilla River Sinks	116	0%	87%	10%		1%	Low	5.74	Medium	14,872	Very High	-	Low
PRI	3,969	Wakulla Springs Protection Zone	117	16%	10%	0%		100%	High	2.97	Medium-Low	3,455	Med-Low	-	Low
PRI	5,355	Watermelon Pond	118	0%	11%	0%		56%	High	2.38	Medium-Low	0	Low	-	Low
CNL	22,386	Wekiva-Ocala Greenway	119	0%	37%	7%		86%	High	5.57	Medium	0	Low	-	Low
PRI	8,378	Welannee Watershed Forest	120	0%	52%	0%		0%	Low	4.40	Medium	0	Low	-	Low
LTF	710	West Aucilla River Buffer	121	0%	33%	0%		0%	Low	3.78	Medium	0	Low	-	Low
CCL	4,511	West Bay Preservation Area	122	0%	81%	39%		0%	Low	4.09	Medium	3,296	Medium	-	Low
PRI	451	Wilson Ranch	123	0.68778701	0.92572947	0		0	Low	6.589151906	Medium	0	Low	-	Low
LTF	3,286	Withlacoochee River Corridor	124	0%	73%	0%		100%	High	5.91	Medium	0	Low	-	Low
CNL	3,856	Wolfe Creek Forest	125	0%	6%	0%		0%	Low	3.53	Medium	0	Low	<5km	Medium