ACCELERATING LONGLEAF RESTORATION

Collaborative Forest Landscape Restoration Program (CFLRP)

U.S.D.A. Forest Service
National Forests in Florida

Ivan Green
District Ranger
Osceola National Forest

Background: Purpose of CFLR

- From Title IV of the Omnibus Act: "The purpose of this title is to encourage the collaborative, science-based ecosystem restoration of priority forest landscapes through a process that
  - encourages ecological, economic, and social sustainability;
  - leverages local resources with national and private resources;

- Requirements include:
  - A 10 year restoration strategy that is complete or substantially complete that identifies and prioritizes ecological restoration treatments across a 50,000 acre or larger landscape on primarily National Forest System lands
  - Must be developed and implemented through a collaborative process
  - Incorporates best available science and application tools
  - demonstrates the degree to which--
    - Various ecological restoration techniques--
      - achieve ecological and watershed health objectives; and
      - affect wildfire activity and management costs; and
    - the use of forest restoration byproducts can offset treatment costs while benefitting local rural economies and improving forest health."

Why the Osceola NF?

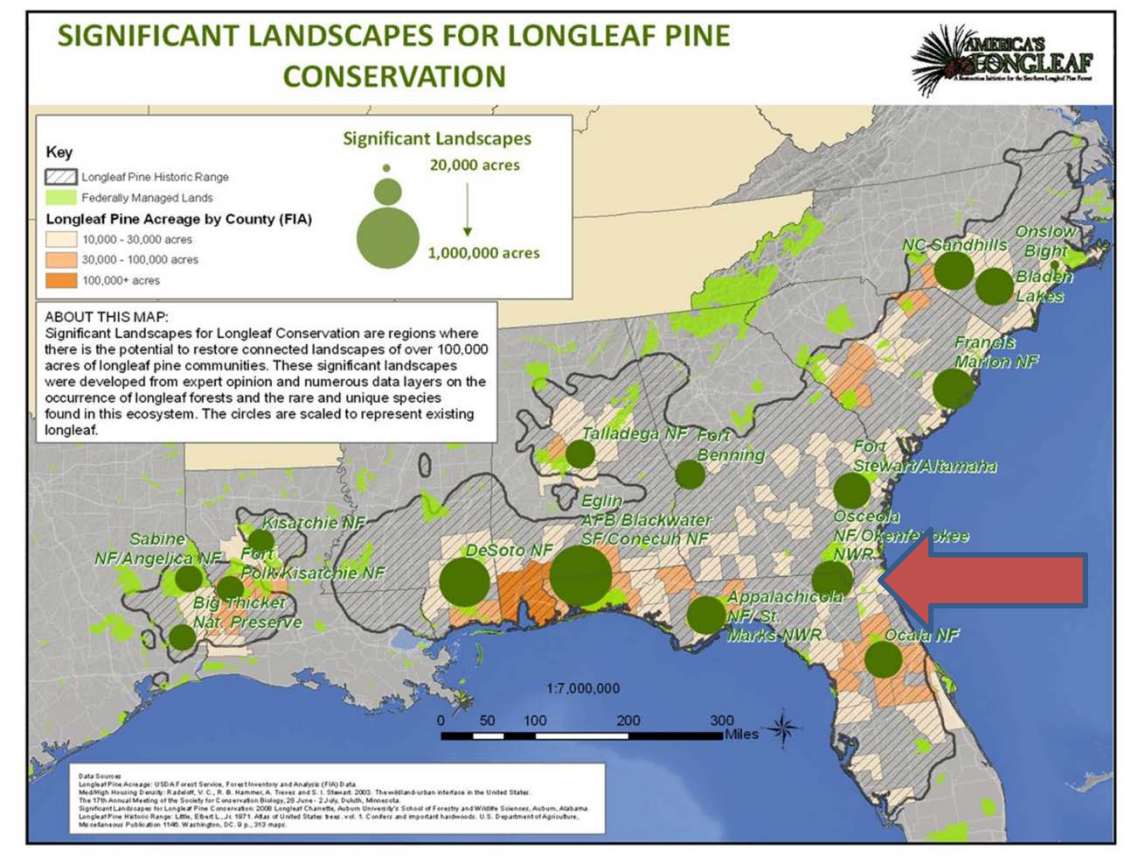
WILDFIRE RISK

Why the Osceola NF?

Prior to CFLRP, over 31 million dollars were expended on wildfire suppression with a wildfire rehabilitation cost of 3.6 million dollars

Why The Osceola National Forest

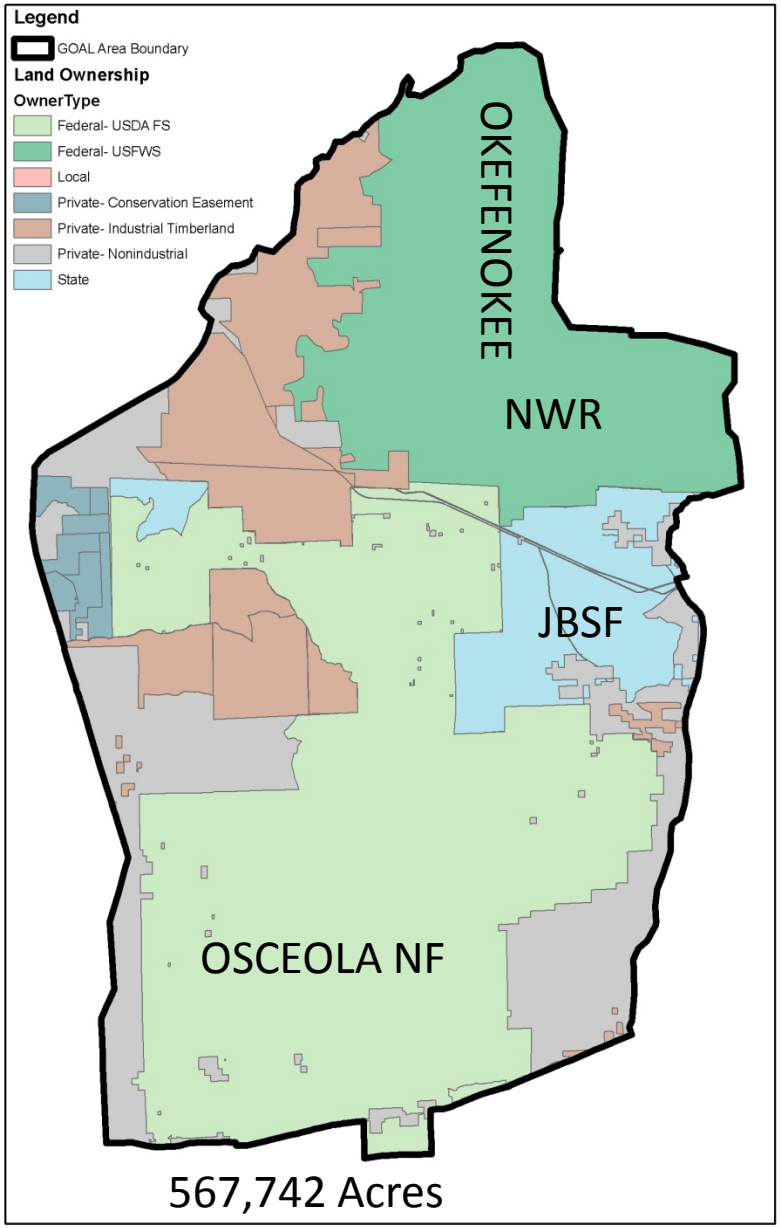
- The Forest is located within one of the significant longleaf pine conservation areas

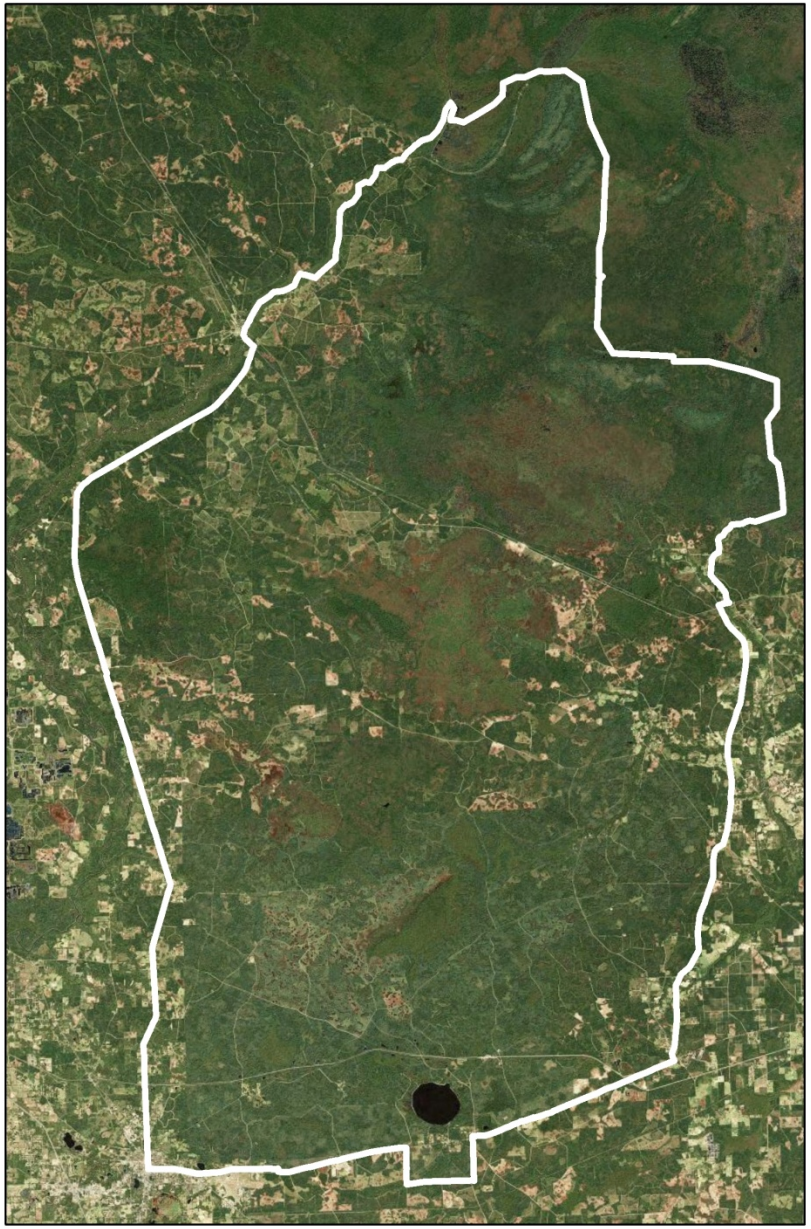


The Longleaf Ecosystem Connects Many Focus Areas

- **T&E and Sensitive Species Habitat**
- **Climate Change mitigation**
- **Woody biomass developments**
- **Watershed health**
- **Economic viability**

Project Area





Planning and Prioritization

How do we assess current conditions and prioritize treatments?

Planning and Prioritization

- The forest developed an Ecological Condition Model (ECM) to assess current conditions relative to desired conditions using prioritization models for fire, timber harvest, and mechanical fuel reduction

Benefits of the ECM

- Maximize integration of program areas and dollars
- Prioritize treatment areas and activities
- Balance restoration with maintenance
- Increase management efficiencies

CFLRP
Implementation Activities

Implementation Activities

- Removal of off-site pine and restore to longleaf
- Understory restoration via palmetto reduction
- Release and weeding of young longleaf
- Fuel Reduction
  - Thinning
  - Mastication
  - Rx Fire

CFLRP Implementation

1. Double the annual prescribed fire acreage to 50,000 acres
2. Mechanically reduce fuel loads on 10,000 acres
3. Increase timber harvest from thinning less than 2,000 acres a year to 5,000 acres a year for the next 10 years
4. Restore ground cover by light roller chopping 21,000 acres followed by application of prescribed fire
5. Restore hydrology by correcting known problems on 309 miles of roads and 90 miles of old fire lines
6. Assistance for state and private land cooperators to conduct restoration treatments


Thin, Chop, and Burn

Thinning

Palmetto Chopping

Palmetto Chopping

Palmetto Chopping
Pre- and Post-Treatment

Prescribed Fire

Mulching

Mulching
Pre- and Post-Treatment

Row Mowing
Pre- and Post-Treatment

Clearcut and Reforestation

Reforestation

Reforestation

Timber Stand Improvement
Pre- and Post-Treatment

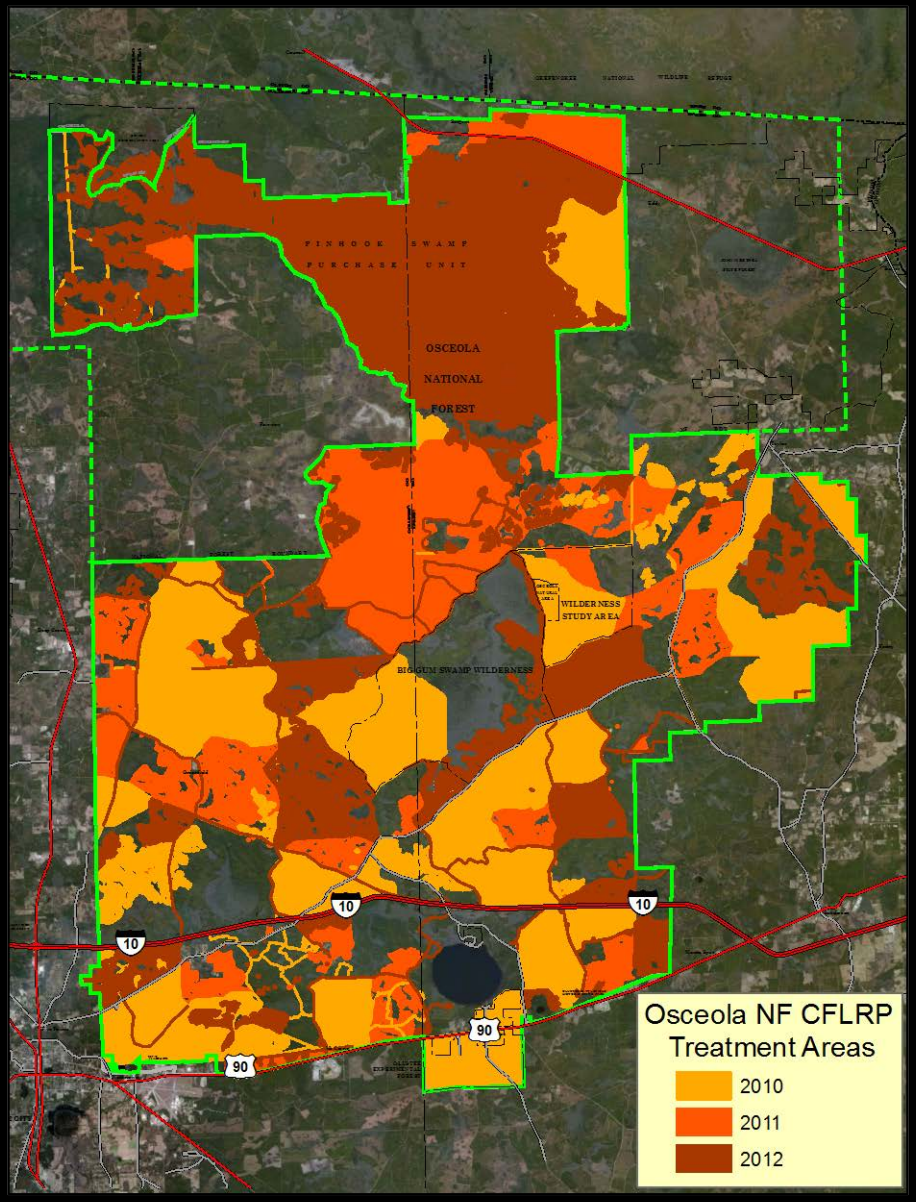
Wildlife Habitat Enhancement


Measuring
Success

CFLR Program Accomplishments on the Osceola National Forest (2010-2012)

- 100,964 acres of fuels reduction (29,183 WUI)
- 56,006 acres of wildlife habitat improvement
- 3,382 acres of groundcover restoration
- 79,704 cubic feet of timber sold
- 8,852 acres of forest lands treated through timber sales
- 6,741 acres converted from slash pine to longleaf

2010-2012 CFLRP TREATMENTS



Collaborative Monitoring: The Ecological Effect

TALL TIMBERS
Stewards of Wildlife & Wildlands

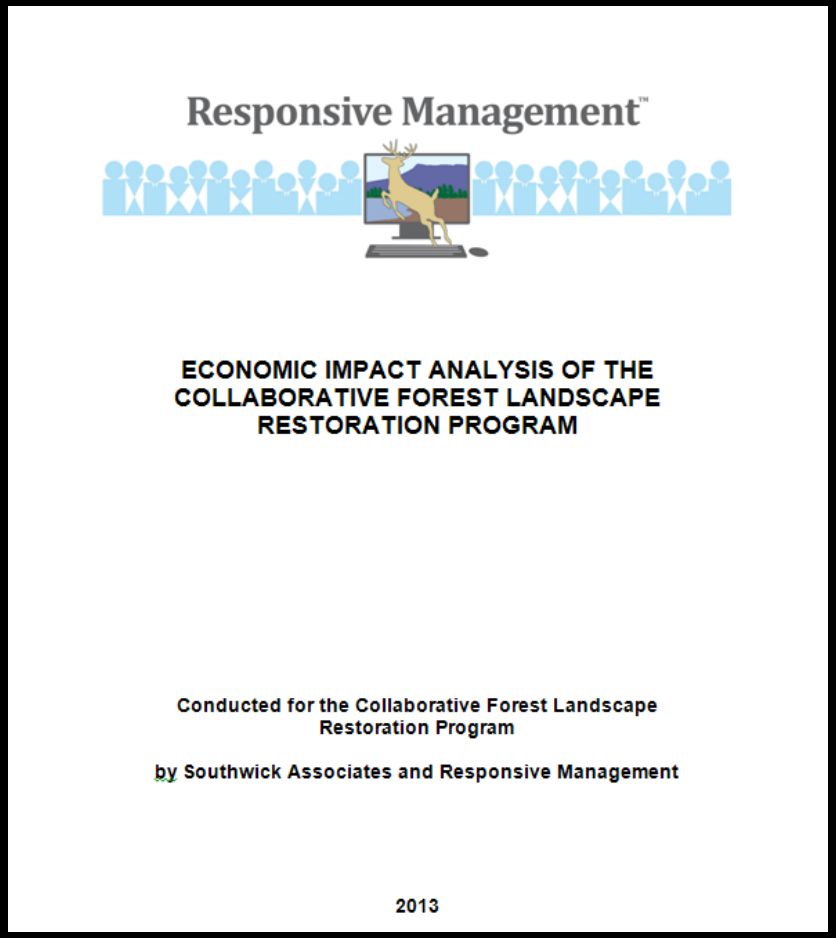
Economic Impact Study
National Forest Foundation Grant

SOUTHWICK ASSOCIATES
FISH AND WILDLIFE ECONOMICS AND STATISTICS
BETTER INFORMATION. BETTER DECISIONS.

TALL TIMBERS
Stewards of Wildlife & Wildlands

NATIONAL FOREST FOUNDATION
Protecting America's Backyard

Economic Impact Study
National Forest Foundation Grant



Economic Impact Study
National Forest Foundation Grant

Impacts/Contributions	
Cost (CFLR dollars spent, 2010-2012)	$6,722,204
Economic Output Generated (Sales)	$16,655,673
Employment	137
Salaries and Wages	$7,257,131
Contribution to GDP	$10,316,009
State & Local Tax Revenues	$1,078,392
Federal Tax Revenues	$1,222,430

Economic Impact Study
National Forest Foundation Grant

Summary:

For every $1 invested in this program, $0.20 is returned to the federal government in tax revenues, $1.50 in GDP is created, and $2.40 in total economic activity is generated.

Collaboration

Collaborative Efforts

Collaboration

Okefenokee/Osceola LLP Implementation Team

Collaboration

Okefenokee/Osceola LLP Implementation Team

Easygrants ID: 36659

National Fish and Wildlife Foundation – Longleaf Stewardship Fund 2013, Full Proposal (No Framework)

Title: Okefenokee/Osceola Implementation Team Creation and Outreach

Organization: The Conservation Fund

Grant Request Information

Title of Project
Okefenokee/Osceola Implementation Team Creation and Outreach

Total Amount Requested	$ 349,648.00
Matching Contributions Proposed	$ 1,552,778.00
Proposed Grant Period	07/01/2013 - 06/30/2015

Project Description
Create an Implementation Team to organize and drive the public/private multi-state longleaf establishment and understory management on public and private lands in the Okefenokee/Osceola SGA

Project Abstract
The Conservation Fund, on behalf of a collaborative of more than 15 groups comprised of federal and state agencies along with the private conservation community and private landowners, respectfully submits this Longleaf Stewardship Fund Place-based Demonstration Project Grant request. The partners have determined their overarching goal is to increase the capacity for longleaf pine restoration and prescribed fire implementation on public and private lands in the SGA. To achieve this, it is critical that the partners work together to formalize and staff the Osceola/Okefenokee Longleaf Implementation Team (O2LIT). This grant will support the creation of an Implementation Team Coordinator position, which will help organize the O2LIT and spearhead the efforts to work collaboratively, with both the public and private sectors, in a results-oriented approach to get longleaf in the ground and increase the acres and frequency of prescribed burning to create a fire resilient buffer around the publicly owned lands. The grant will also fund a Hazard Fuel Team to greatly increase capacity for prescribed burning within the SGA. As a result, this grant will support longleaf pine planting on 2,993 acres and 34,120 additional acres of longleaf will be enhanced or maintained. In a demonstration capacity, the O2LIT will also work with private industrial landowners to determine the barriers and possible solutions to increased longleaf planting and prescribed fire on their lands.

Fire Risk/Cost Reduction

Collaboration
Fire Risk/Cost Reduction

USDA, Forest Service
Collaborative Forest Landscape Restoration Program

Wildland Fire Management Risk and Cost Analysis Tools Package (R-CAT):

User's Guide[1]

January 19, 2010

[1] For assistance with R-CAT and this User's Guide, please contact Keith Stockmann, Economist, USDA Forest Service, kmstockmann@fs.fed.us, or Krista Gebert, Regional Economist, USDA Forest Service, kgebert@fs.fed.us

Mike Housh

STARFire

Okefenokee/GOAL *Preliminary* Results & Briefing

May 2012

Colorado State University

Greater Okefenokee Association of Landowners

Results

Average Wildfire Size 2010-2011

Treated Areas	Untreated Areas
2 acres	526 acres

Results

Results


TALL TIMBERS
Stewards of Wildlife & Wildlands


FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION


LANGDALE
INTERNATIONAL


SERPPAS


NATIONAL
WILD TURKEY FEDERATION


AMERICA'S
LONGLEAF


UNIVERSITY of
FLORIDA


FLORIDA
FOREST SERVICE
Agriculture & Consumer Services


WildLaw
A Nonprofit Environmental Law Firm


FLORIDA
Natural Areas
INVENTORY


U.S.
FISH & WILDLIFE
SERVICE
DEPARTMENT OF THE INTERIOR


GOAL
Greater Okefenokee
Association of Landowners


FLORIDA
FORESTRY
ASSOCIATION


Colorado
State
University


Est. 1995
The Longleaf Alliance


NATIONAL
PARK
SERVICE


NRCS


NATIONAL
FOREST
FOUNDATION
Protecting America's Backyard


THE CONSERVATION FUND
America's Partner in Conservation


Arbor Day Foundation


The Nature
Conservancy
Protecting nature. Preserving life.™


AMERICAN FORESTS
Protecting & Restoring Forests for Life


Questions