





Longleaf Pine

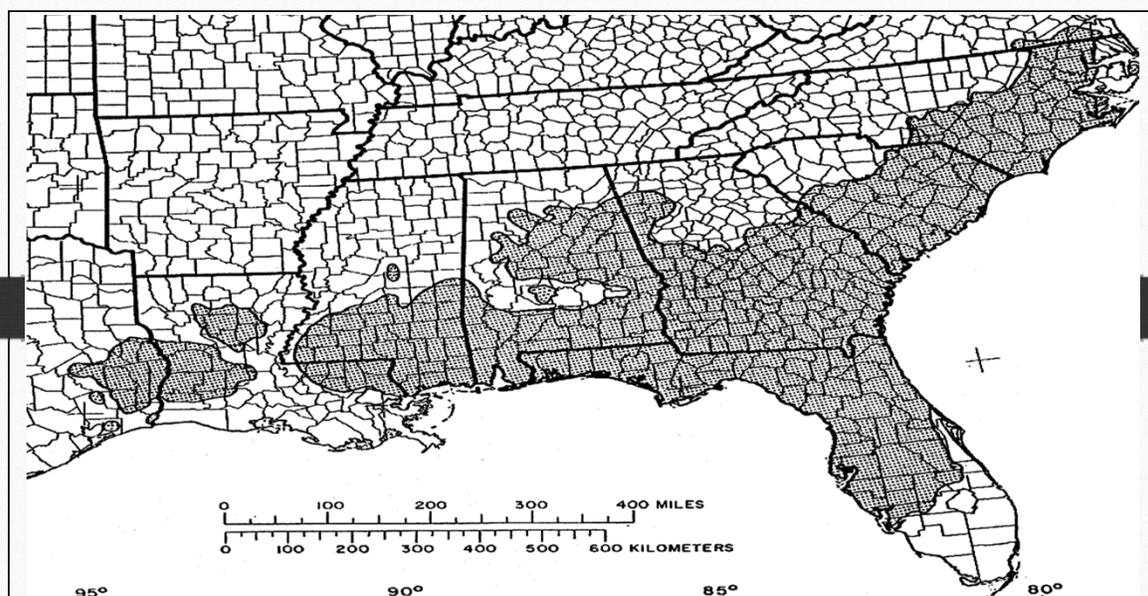
A Case Study in Pieces Coming Together

A Modern View of an Iconic System



A Quick History Lesson...

- Longleaf occurred on an estimated 90 million acres at its peak of which approximately 60 million acres dominated by the species.
- Likely the largest area on the continent dominated by a single tree species.
- By the mid-1900's, over half of that forest was gone.
- By 1995, an estimated 3 million acres remained, much of it in poor condition.



**Naval Stores: the
Nation's First
Export Industry.**



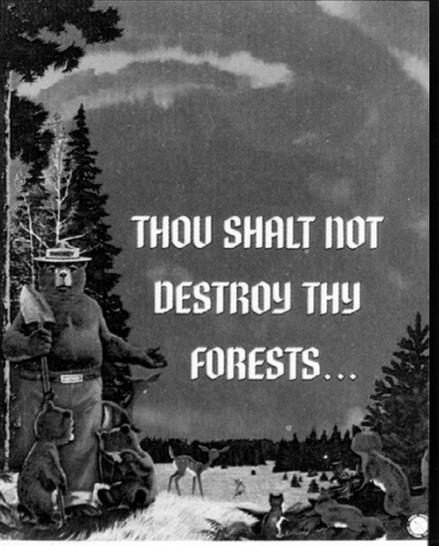
The rich longleaf pine resources
were VERY Attractive!



The early logging of longleaf forests typically exploited the forest resources, without much attention to stewardship



Steam powered logging increased the speed and efficiency of the operation as well as the “end” of the longleaf forest.

 <p><i>Please...</i> help people be more careful!</p> <p>Remember-Only you can PREVENT FOREST FIRES!</p>	<p>“We” did our part to contribute to the loss of longleaf as well!</p>	 <p>THOU SHALT NOT DESTROY THY FORESTS...</p> <p>Remember-Only you can PREVENT FOREST FIRES!</p>
--	---	--

<p>So here we are....</p> <hr/> <p>Lost</p> <p>Ignorant</p> <p>No Resources</p> <p>Maybe that's a little dramatic!</p>	
--	--

My Interest in Longleaf



The “Contrasting” Objectives

Ecosystem Restoration

Profit

- Habi **Objectives are not mutually exclusive!**
- Understory Species
- Nostalgic Motivations
- Etc.
- Timber Investments
- Financial Planning Strategies
- Etc.

Building Blocks: Pieces Coming Together



NRCS & The Nature Conservancy

Green Swamp Preserve

- 17,424 acres in Brunswick County
- Famous for its carnivorous plants and rare orchids.
- Federally listed species including the red-cockaded woodpecker



The Momentum Driver

The early meetings between TNC and NRCS led to a meeting of PARTNERS that eventually resulted in the creation of the Cape Fear Arch Conservation PARTNERSHIP

Remember This Tid Bit!

Early State & Local Level Collaboration: Starting to Get Focused



Individual Project – Mr. Chesson



Thinning To Wildlife Density



Understory Restoration

Individual Project – Mr. Chesson

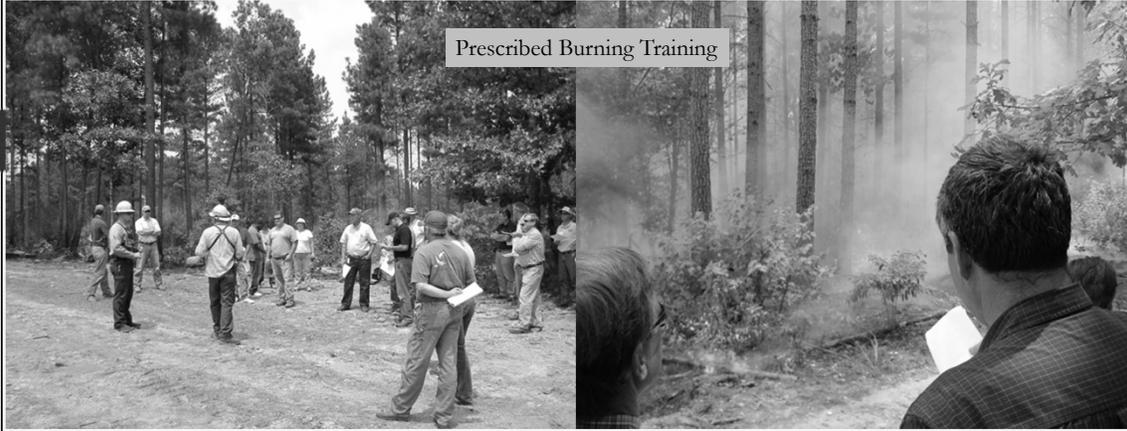


Prescribed Burning

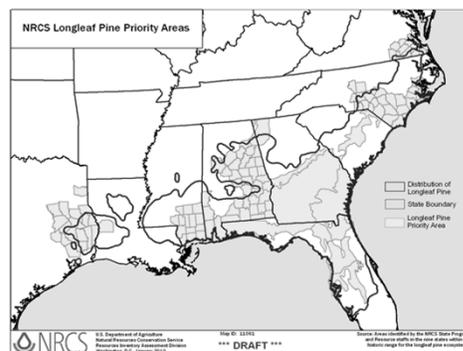
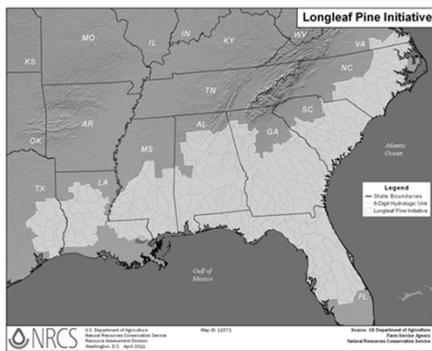


Keeping Things On Track!

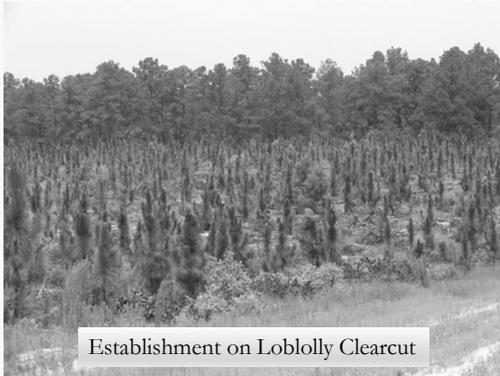
Building Meaningful Partnerships at the National, State, & Local Level



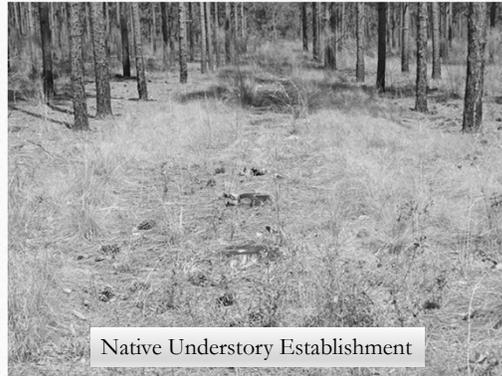
NRCS Longleaf Pine Initiative: Dedicated Funds For Longleaf Management



Utilizing Farm Bill Funds to Complete Projects with Individual Landowners

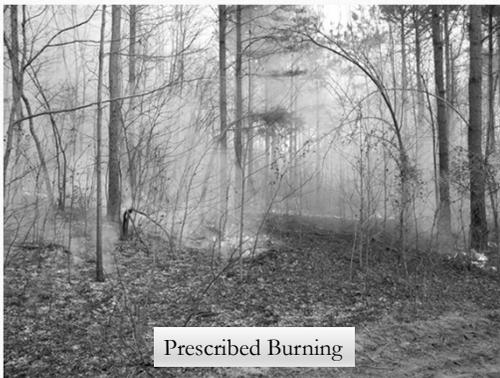


Establishment on Loblolly Clearcut



Native Understory Establishment

Utilizing Farm Bill Funds to Complete Projects with Individual Landowners



Prescribed Burning



Loblolly Encroachment Control

LLP Activities Planned by the Numbers

ACRES

- Acres Planned in 2012 – 391,000
- Acres Planned in 2013 – 325,000
- Acres Planned in 2014 – 194,000
- TOTAL = 910,000

*** A lower number may be more accurate ***

*** i.e. - Multiple burns in one contract ***

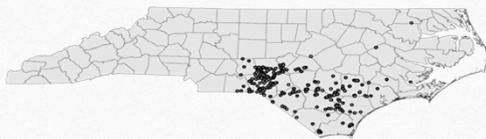
DOLLARS

- Dollars Obligated in 2012: \$963,000
- Dollars Obligated in 2013: \$963,000
- Dollars Obligated in 2014: \$808,000

TOTAL = \$2.7 million

A Visual: Map of NC-NRCS Projects

Installed Practices FY 2014



NRCS Programs - Longleaf Practices		
Practice		
• 106. Forest Management Plan - Written	• 338. Prescribed Burning	• 647. Early Successional Habitat Development/Management
• 214. Block Management	• 394. Prescribed	• 668. Forest Stand Improvement
• 216. Herbaceous Weeds Control	• 450. Tree Shrub Site Preparation	• 911. TA Design
• 327. Conservation Cover	• 612. Tree Shrub Management	• 912. TN Check-Out
	• 646. Land Wildlife Habitat Management	

- State Level Ranking Helps Prioritize Projects
- Many Individual Projects Add Up to Landscape Level Impacts
- Each “Dot” Represents:
 - Vote
 - Supporter
 - Partner
 - Building Block

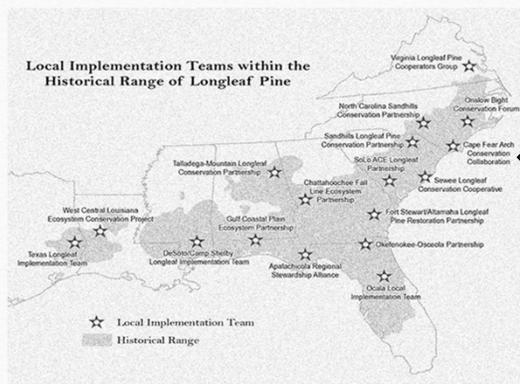
Lots of Individual Efforts Leading to....



U.S. Fish & Wildlife Service
Longleaf Pine Range-wide
Conservation Initiative



The Conservation Plan: represents a first-ever effort to frame conservation activities across the entire range of longleaf pine forests



The America's Longleaf Restoration Initiative (ALRI) is a collaborative effort of multiple public and private sector partners that actively supports range-wide efforts to restore and conserve longleaf pine ecosystems.

<http://www.americaslongleaf.org/>

