

# Objectives & Key Actions Developed During Regional Stakeholder Workshops

During four regional workshops attended by a wide range of natural resources management professionals and other interested partners, issues, opportunities, and challenges for conserving and restoring shortleaf pine ecosystems were identified.

The workshop participants then proposed objectives and key actions to address the issues, opportunities, and challenges they had identified.



# **<u>Objective</u>**: Maintain the range-wide partnership that will facilitate the implementation of the plan going forward.

Key action: Maintain the biennial shortleaf pine conference and workshop.

**<u>Objective</u>:** Support the creation and development of ecoregional or state-wide shortleaf pine restoration teams.

Key Action: Develop regional shortleaf pine networks that share best practices, challenges, and provide a forum for training workshops.

Key Action: Promote the development of accessible shortleaf pine demonstration sites on public and private lands that serve as locations for public outreach, training, and demonstrating best practices. <u>Objective</u>: Demonstrate the restoration of diverse herbaceous understory vegetation, regeneration of overstory species, and sustainability of desired ecological conditions.

Key Action: Identify restoration/demonstration areas with the most "intact" herbaceous layer.

Key Action: Demonstrate restoration that includes the variation of shortleaf pine communities, seral stages, and overstory density and composition.



## Objective: Establish Shortleaf Pine Ecosystem Restoration Areas.

Key Action: Develop protocols for forests ecosystems where shortleaf pine is a component.

Key Action: Complete and implement restoration plans for areas identified for restoration.

Key Action: Designate accessible demonstration areas for use in outreach.



# Designate accessible demonstration areas for use in outreach.

Promote the development of accessible shortleaf pine demonstration sites on public and private lands that serve as locations for public outreach, training, and demonstrating best practices.

Identify restoration/demonstration areas with the most "intact" herbaceous layer.

Demonstrate restoration that includes the variation of shortleaf pine communities, seral stages, and overstory density and composition.

Develop regional shortleaf pine networks that share best practices, challenges, and provide a forum for training workshops.

### **Key Elements of Demonstration Sites**

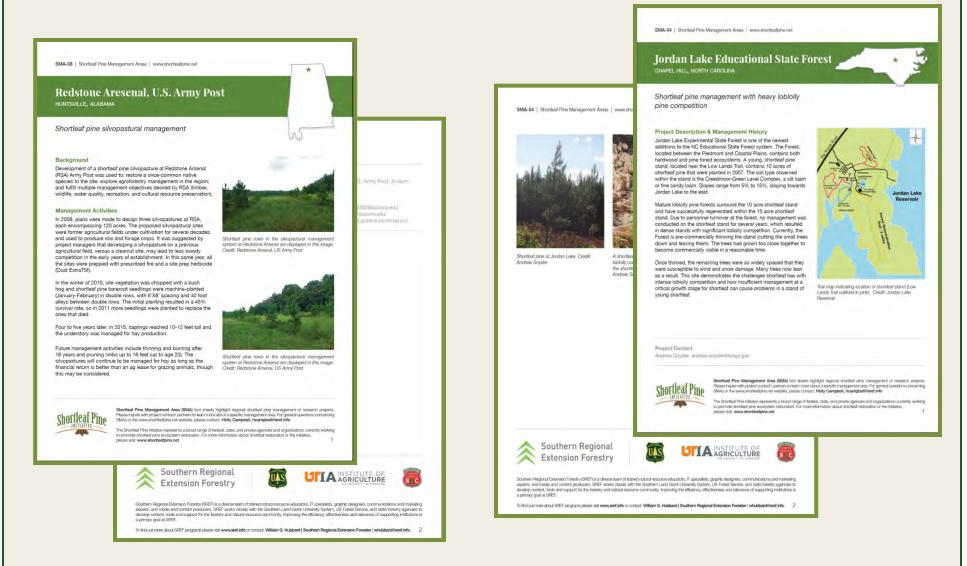
- Easily accessed
- On public and private lands
- Include areas with the most "intact" herbaceous layer where possible.
- Contain all variations of shortleaf pine communities including:
  - seral stages, overstory densities, and overstory species compositions.
- Become a regional network for demonstrating best practices.
- Provide a forum for training workshops

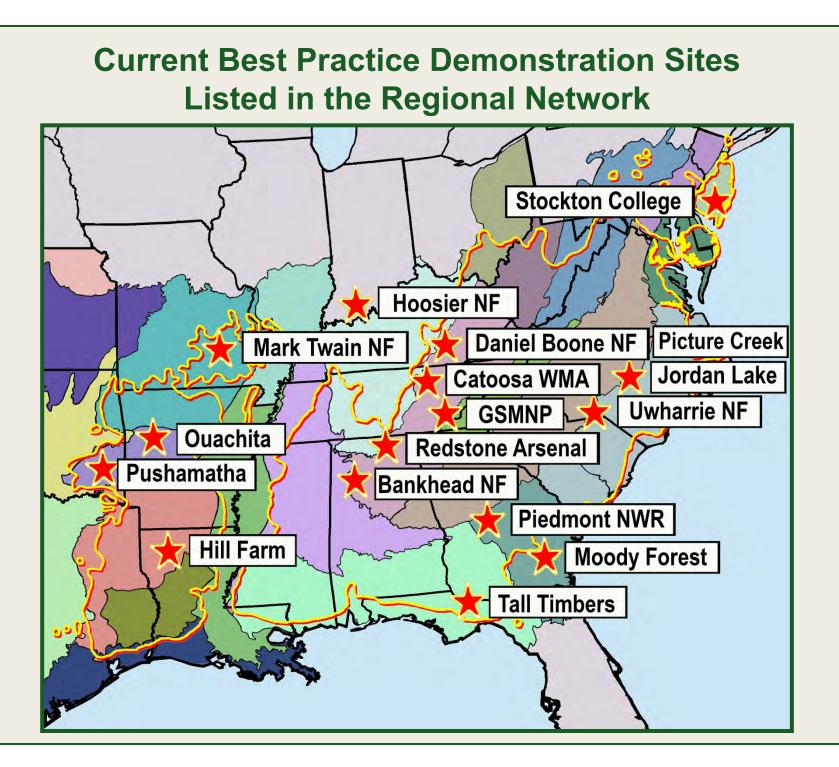
Develop a regional network for demonstrating best practices.

**Current Listed Sites on State and Private Lands** Catoosa WMA, TN Wildlife Resources. TN Hill Farm, LSU Ag Center, LA Jordan Lake Experimental Forest, NC Moody Forest, The Nature Conservancy, GA Picture Creek, NC Heritage Program, NC Pushmataha WMA, OK Dept of Wildlife, OK **Stockton College Experimental Forest, NJ** Tall Timbers, Research Station and Land Conservancy, FL

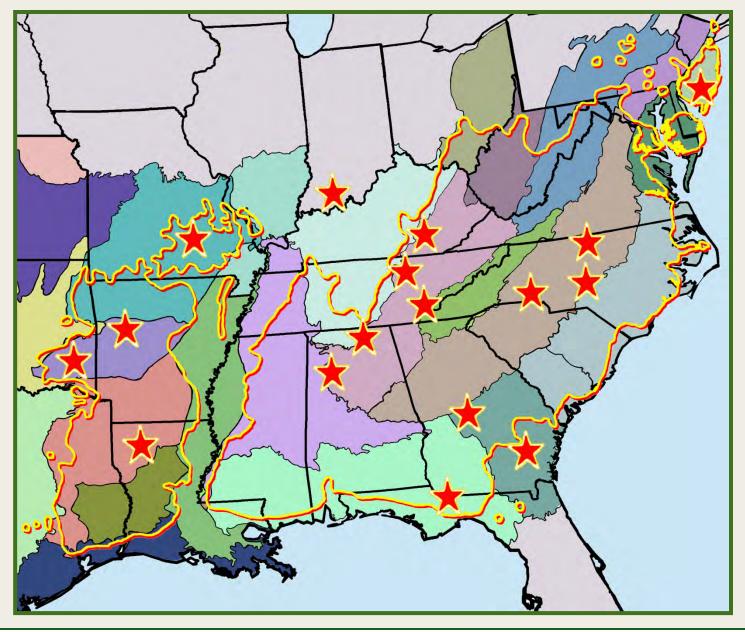
**Current Listed Sites on Federal Lands Bankhead National Forest, USDA Forest Service, AL Daniel Boone National Forest, USDA Forest Service, AR** Great Smokey Mountain National Park, US Park Service, TN Hoosier National Forest, USDA Forest Service, IN Mark Twain National Forest, USDA Forest Service, MO **Ouachita National Forest, USDA Forest Service, AR** Piedmont National Wildlife Refuge, US Fish&Wildlife Service, GA **Redstone Arsenal, Department of Defense, AL Uwharrie National Forest, USDA Forest Service, NC** 

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#### Location of Current Best Practice Demonstration Sites Listed in the Regional Network



Current Status of Demonstration Sites On All Variations of Shortleaf Pine Communities

#### **Stands Representing:**

Seral stages:

**Overstory Densities:** 

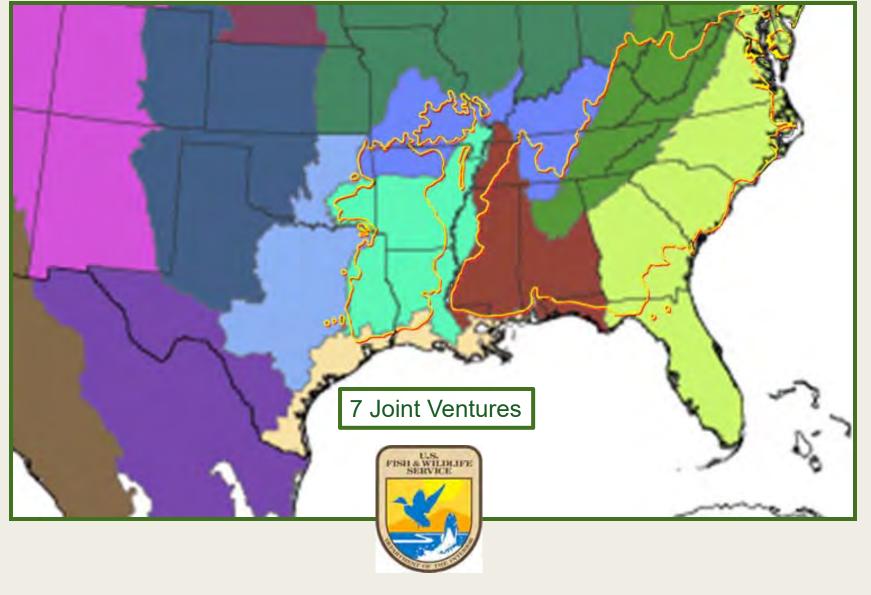
**Overstory Species Compositions and, Ecotypes:**  Not Complete Not Complete

**Not Complete** 

#### How Best to Determine How Many Ecotypes to Include?

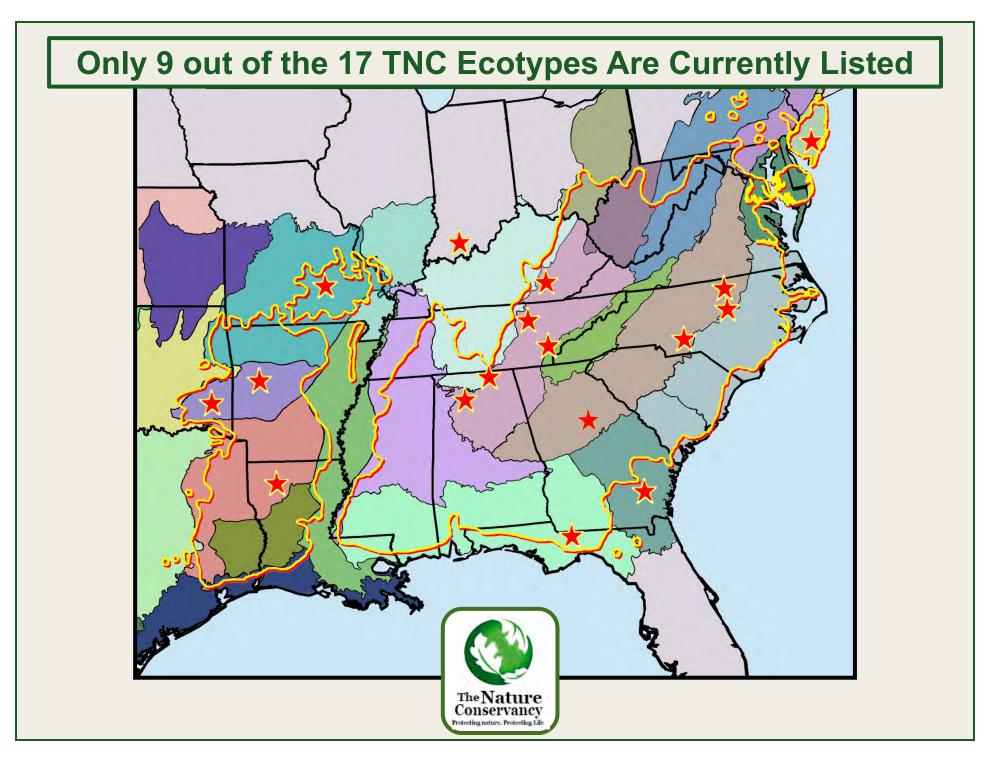
Seral stages:Consensus Found in the LiteratureOverstory Densities:Consensus Found in the LiteratureOverstory Composition:Consensus Found in the LiteratureEcotypes:No Consensus in the Literature











# Funding Opportunities for Establishing Demonstration Sites

#### USDA Forest Service Stewardship Contracting



Stewardship contracting helps achieve land management goals while meeting local and rural community needs

It focuses on the "end result" ecosystem benefits and outcomes, rather than on what's removed from the land.

Stewardship contracting combines restoration activities on National Forest System lands into contract or agreement packages.

Forest Service staff collaborate to build community partnership with cooperating Federal, State and local government agencies; tribal governments; nongovernmental organizations; and any interested groups or individuals to develop projects.

Examples of interested groups or individuals include resource advisory committees, fire safe councils, resource conservation districts, conservation groups, and watershed councils. Ability to bundle several contracts into one and treat at a larger landscape scale.

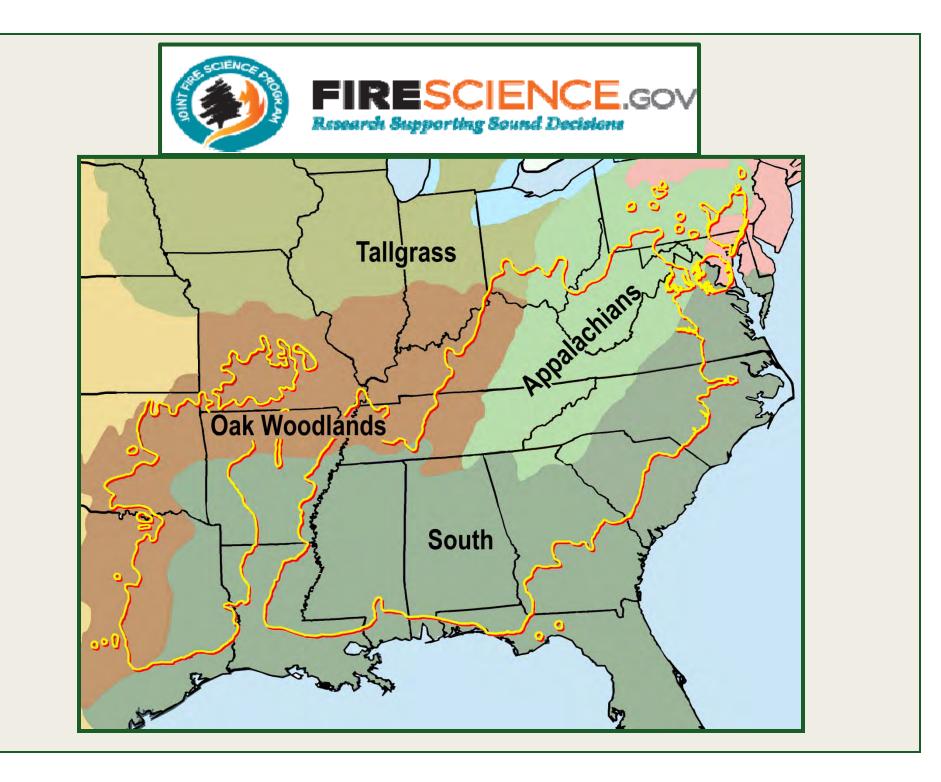
Ability to trade goods for services.

Contract terms of up to 10 years.

Project proposals can be initiated from external sources as well as from within the agency.

There are organizations interested in completing restoration treatments through an agreement.

The partner would have to provide at least a 20% match, with direct and indirect costs counting towards the match.



# Funding Opportunities for Establishing Demonstration Sites



#### Grants Issued Through Funding Opportunity Notices (FONs)



#### 16-3-01 New Science Initiative – Ecological and social dimensions of resilient landscapes

The Joint Fire Science Program (JFSP) is interested in sponsoring projects that explore and better define the concept of resilient landscapes, especially considering changing climates.

New approaches to stimulate new and creative thinking regarding the concept, definition, management, and measurement of resilient landscapes. Investigators are encouraged to work in collaborative cross-disciplinary teams, including both ecological and social scientists.

#### **Primary Goals:**

- Restore and maintain landscapes across all jurisdictions to be resilient to fire-related disturbances in accordance with management objectives.
- Actively manage the land to make it more resilient to disturbance, in accordance with management objectives. "

