

Southeast Partnership for Planning and Sustainability

Linking Lands Linking Missions



Sustainable Ranges Initiative DUSD (I&E)
SERPPAS web site: <http://www.serppas.org/>

Purpose

- Introduce SERRPAS as an example of a regional partnership, especially use of mapping technology





SERPPAS

- Convened July 2005
- Initial co-chairs: Bill Ross NC DENR, Alex Beehler DoD
- Regional approach to planning and sustainability
- **The Fierce Urgency of Now!**
 - More Complex Missions
 - Regional growth
 - Limited resources
 - Increases in cost (time and \$)
 - Business as usual not working

SERPPAS

■ Mission

- Seizing opportunities and solving problems in value-adding ways that provide mutual and multiple benefits to the partners, and that sustain the mission and secure the future for all the partners, the region and the nation.

■ Vision

- Together, a group of state, Military and other Federal partners taps the power of an effective working relationship, partnership, innovation, leadership, teamwork, and networks to achieve the mission of the partnership.

SERPPAS

■ Values

- Develop and sustain effective working relationships among the partners that enable the partnership to:
 - identify and seize opportunities for mutual gain
 - deal well with differences
 - solve problems



SERPPAS

■ Values

- Be unconditionally constructive; that is, each partner
 - does only those things that are both good for the relationship and good for that partner, whether or not the other partners reciprocate.
 - does everything it reasonably can to:
 - balance reason and emotion
 - understand each other's interests
 - communicate openly and effectively
 - consult before deciding
 - use persuasion rather than coercion
 - accept each other as someone worth dealing with

SERPPAS

■ Structure

- Principals

- 5 States (NC, SC, GA, FL, AL), OSD, 4 Military Services (Army, Navy, Air Force, Marine Corps), Other Federal (Army COE, EPA, NOAA, USFS, USFWS, USDA)

- Steering Committee

- Staff level execution of principals' priorities

- Working Groups

- Support SERPPAS initiatives

SERPPAS

■ Approach

- Regional Strategy
 - Efforts requiring significant multi-state, cross-organizational support and coordination
- Projects
 - Efforts that incorporate planning and sustainability on a specifically defined scale
- Complementary Efforts
 - Discreet yet important efforts that complement projects and SERPPAS regional strategy
- Supporting Actions
 - Support and coordination necessary for long-term sustainability

SERPPAS

The Partnership Equation

An Effective Working Relationship

+

A Good GIS Map

= Multiple and Mutual Benefits



SERPPAS

"The Good Map"

- Represent mission "footprints" and requirements at a regional scale
 - Military: installations, ranges, airspace, compatible use
 - Economic: Gray Infrastructure (road/rail/port, energy corridors, urban development)
 - Natural Resources: Green Infrastructure (ecological, working landscapes, marine-coastal)
 - Social: "Triple bottom line": Social justice, sustainable economic development, environmental stewardship
- Identify common interests and focus areas regionally
- Identify leverage opportunities and visualize multiple benefits

SERPPAS Maps

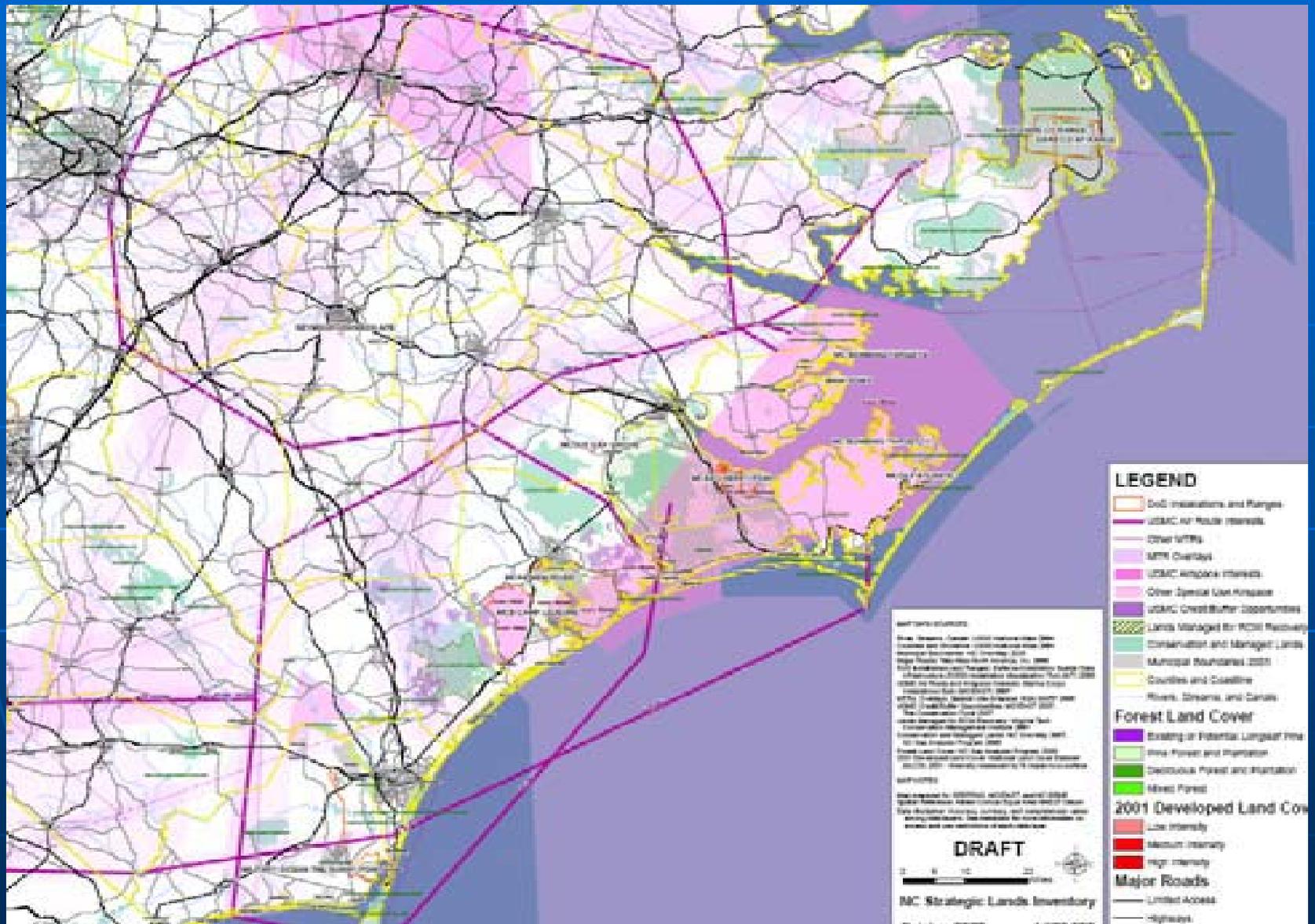
Representative regional data layers

(layers overlap >1 category):

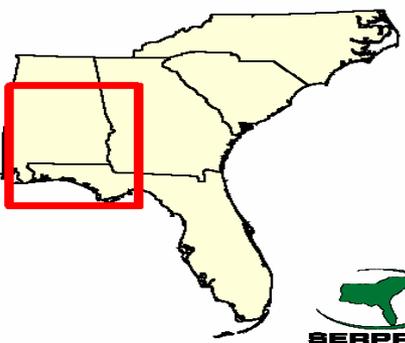
- Military
 - Installations, ranges, airspace, offshore (DISDI; Conservation Fund (CF))
 - County attractiveness for military operations (CERL/States)
 - Military Training Scenarios (CERL)
- Economic (CF)
 - Major roads
 - "Lights at Night"
 - Urban growth probability
- Natural Resources
 - Ecological framework (EPA)
 - Rivers/watersheds (NOAA)
 - Forest land cover (FS)
 - Agricultural land cover (NRCS)
- Social (UNC/NC State)
 - Protected lands
 - Working lands

“The Good Map” at a local scale

- **Strategic Lands Inventory – Marine Corps and State of North Carolina**
 - Identify mission footprints and requirements
 - Evaluate suitable lands
 - Residential, Commercial, Industrial, Sustainable Farmland, Sustainable Forestland, Natural Resources
 - Synthesize and validate models
 - Identify strategic priorities
 - Deploy models for decision support
 - Guidance for land use and economic development decision making
 - Common information, multiple benefits
- **KEY to SUCCESS: Involve ALL Stakeholders**



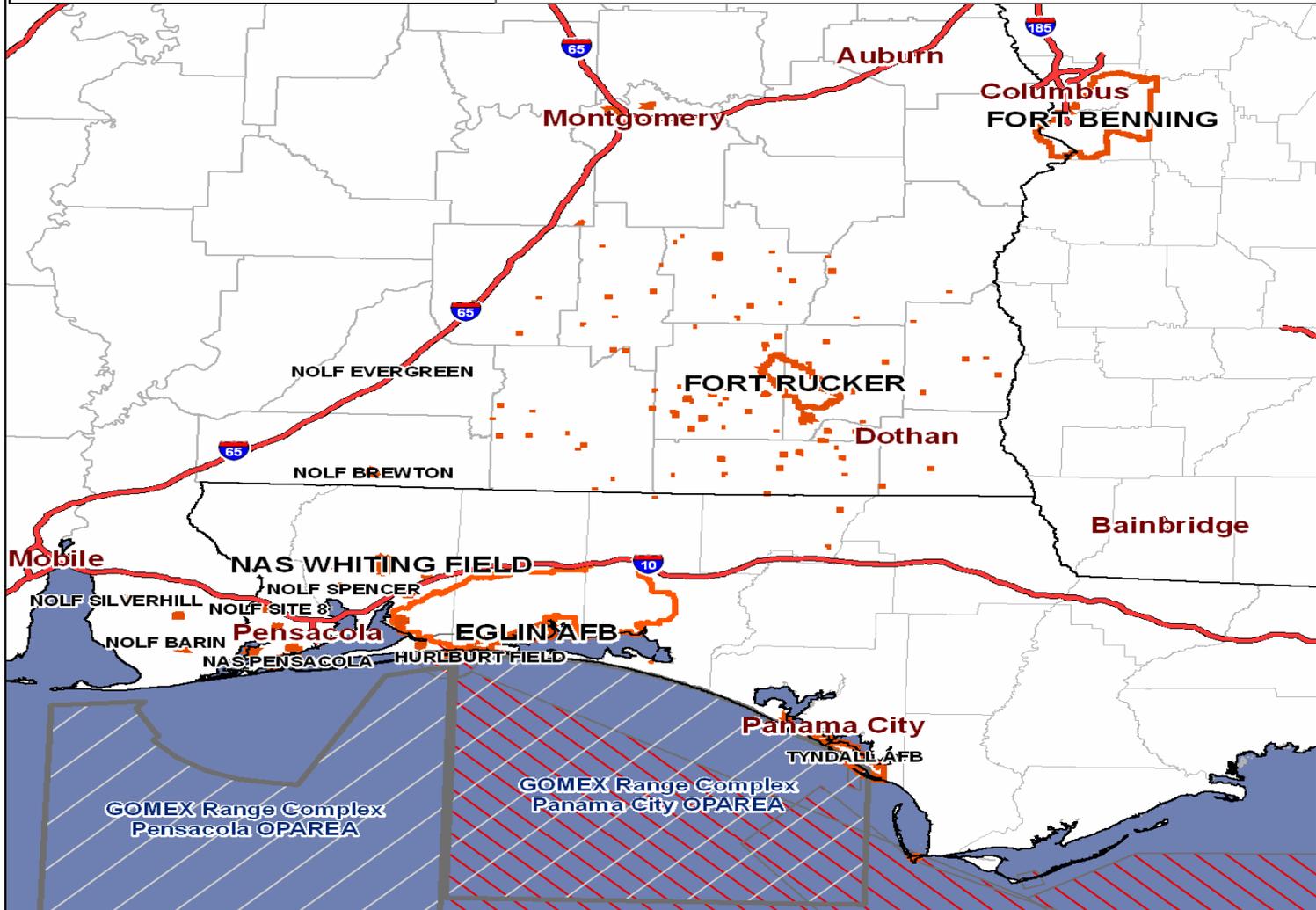
AL-FL-GA Military Conservation Partnership



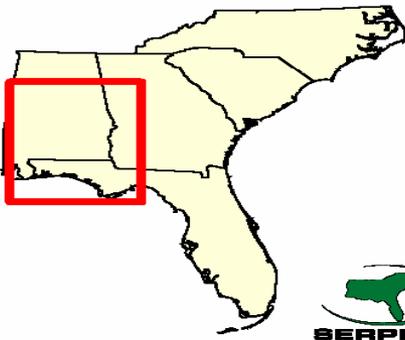
-  DoD Installations and Ranges
-  Military OPAREAs
-  Offshore Ranges



0 10 20 Miles



AL-FL-GA Military Conservation Partnership



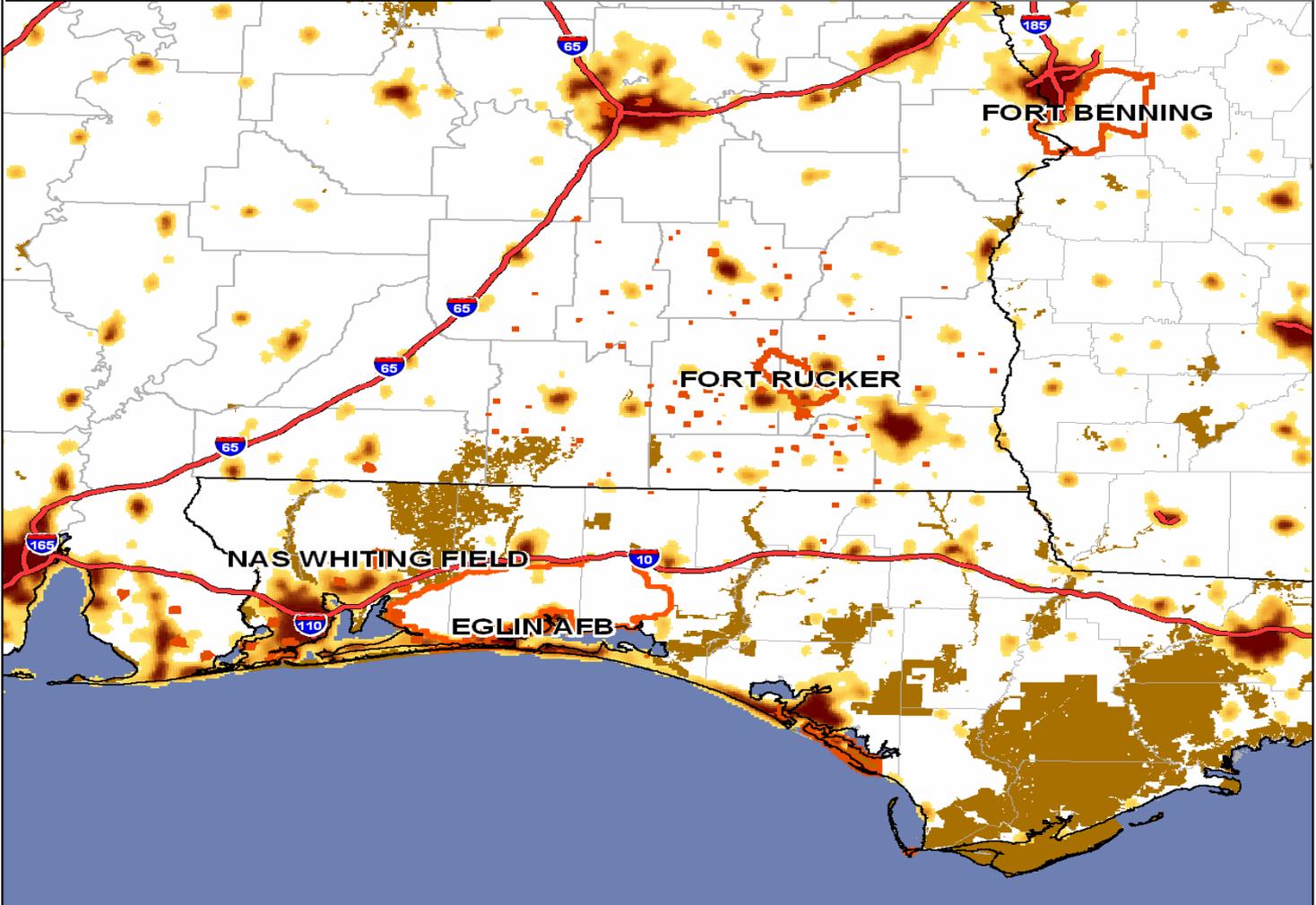
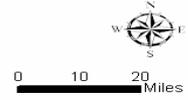
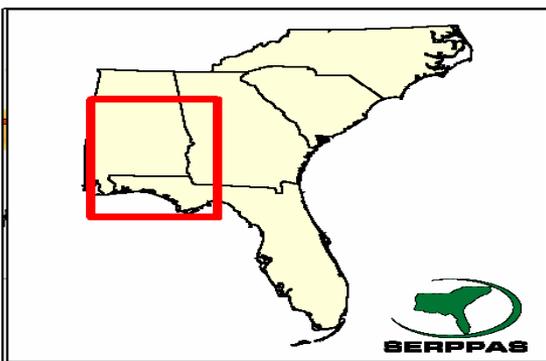
- DoD Installations and Ranges
- Protected Lands
- Military OPAREAs
- Offshore Ranges



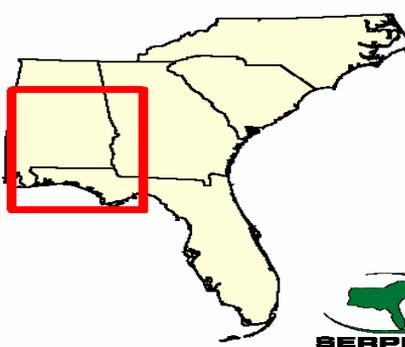
0 10 20 Miles



AL-FL-GA Military Conservation Partnership



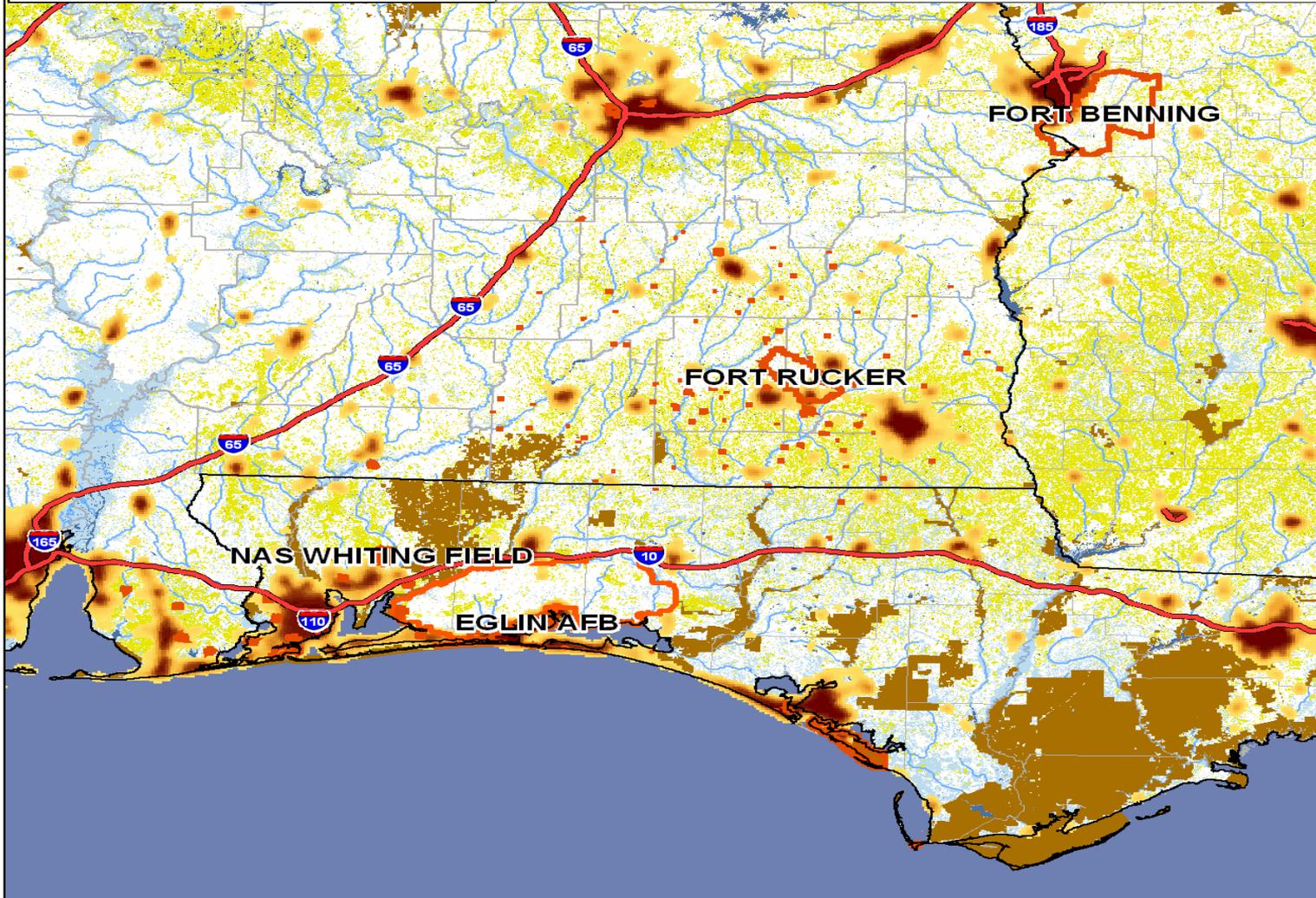
AL-FL-GA Military Conservation Partnership



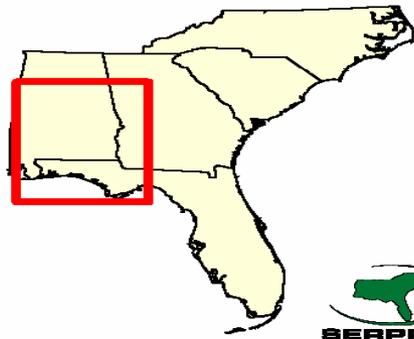
-  DoD Installations and Ranges
-  Rivers, Streams, and Canals
-  Open Water
-  Wetlands
-  Agricultural Lands
-  Protected Lands
- Lights at Night**
 -  High
 -  Low



0 10 20 Miles



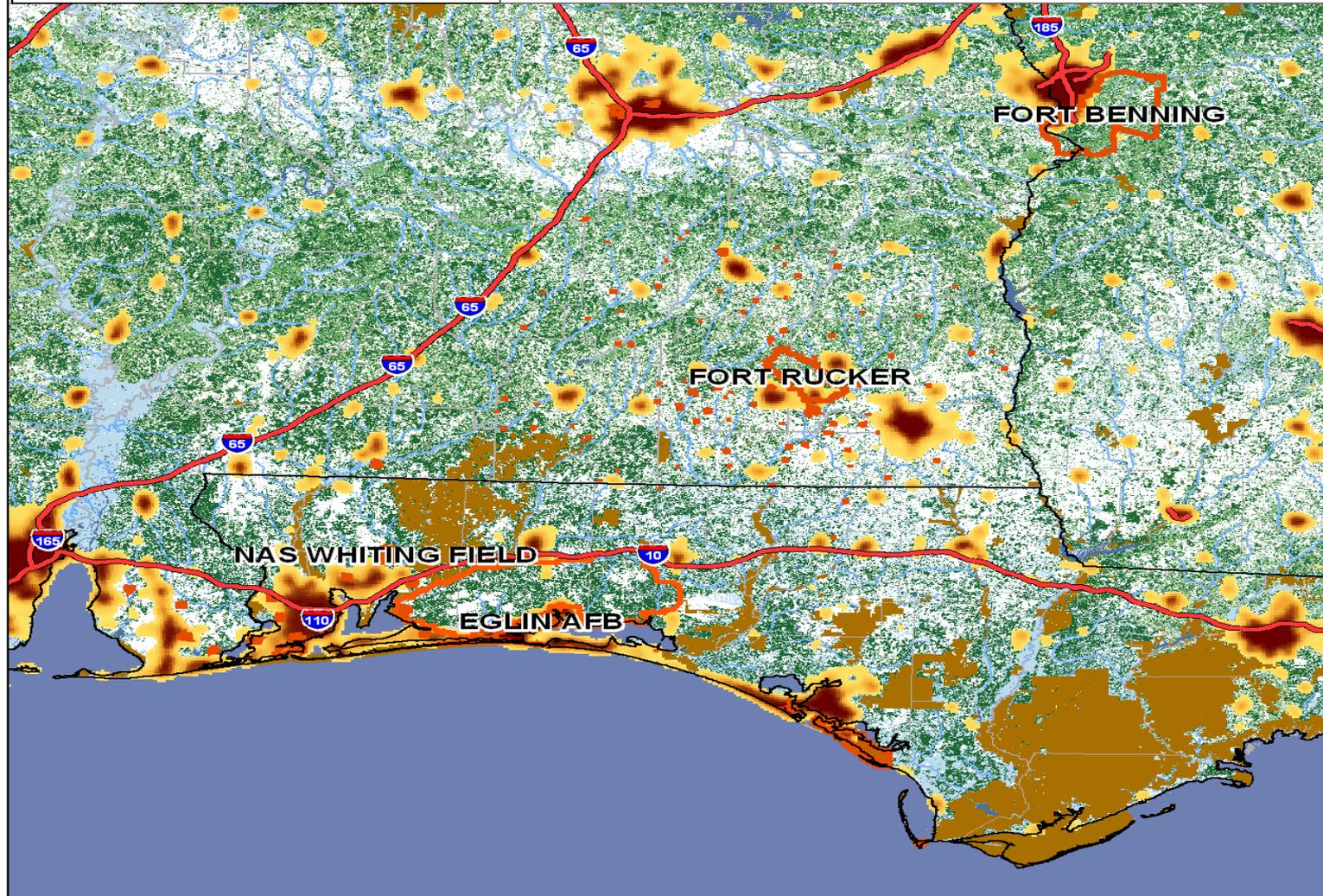
AL-FL-GA Military Conservation Partnership



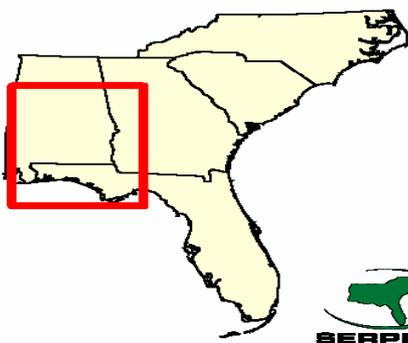
-  DoD Installations and Ranges
-  Rivers, Streams, and Canals
-  Open Water
-  Wetlands
-  Mixed Forest
-  Evergreen Forest
-  Deciduous Forest
-  Protected Lands
- Lights at Night**
 -  High
 -  Low



0 10 20 Miles



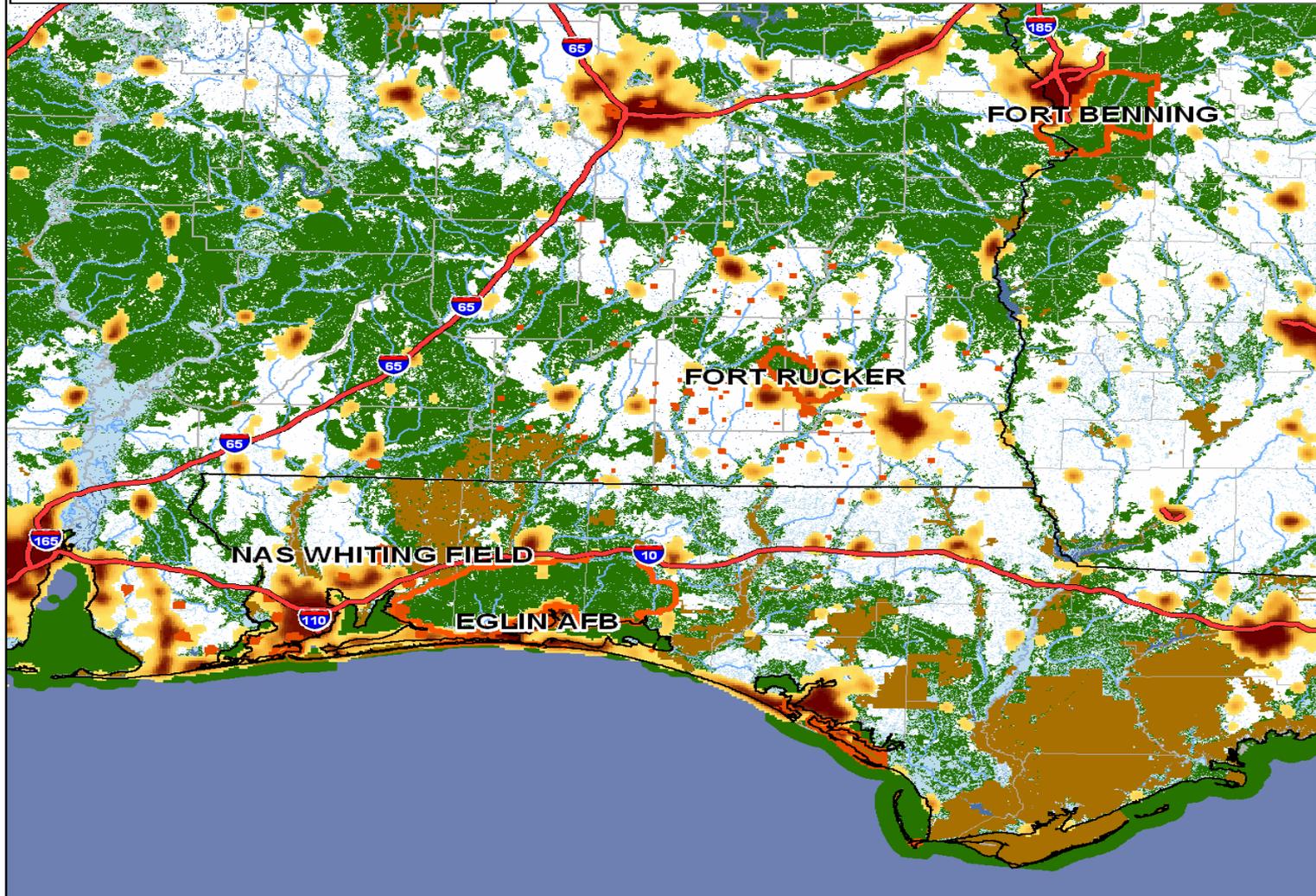
AL-FL-GA Military Conservation Partnership



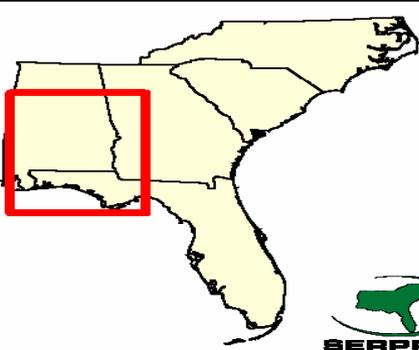
- DoD Installations and Ranges
- Rivers, Streams, and Canals
- Open Water
- Wetlands
- SE Ecological Framework
- Protected Lands
- Lights at Night**
 - High
 - Low



0 10 20 Miles



AL-FL-GA Military Conservation Partnership

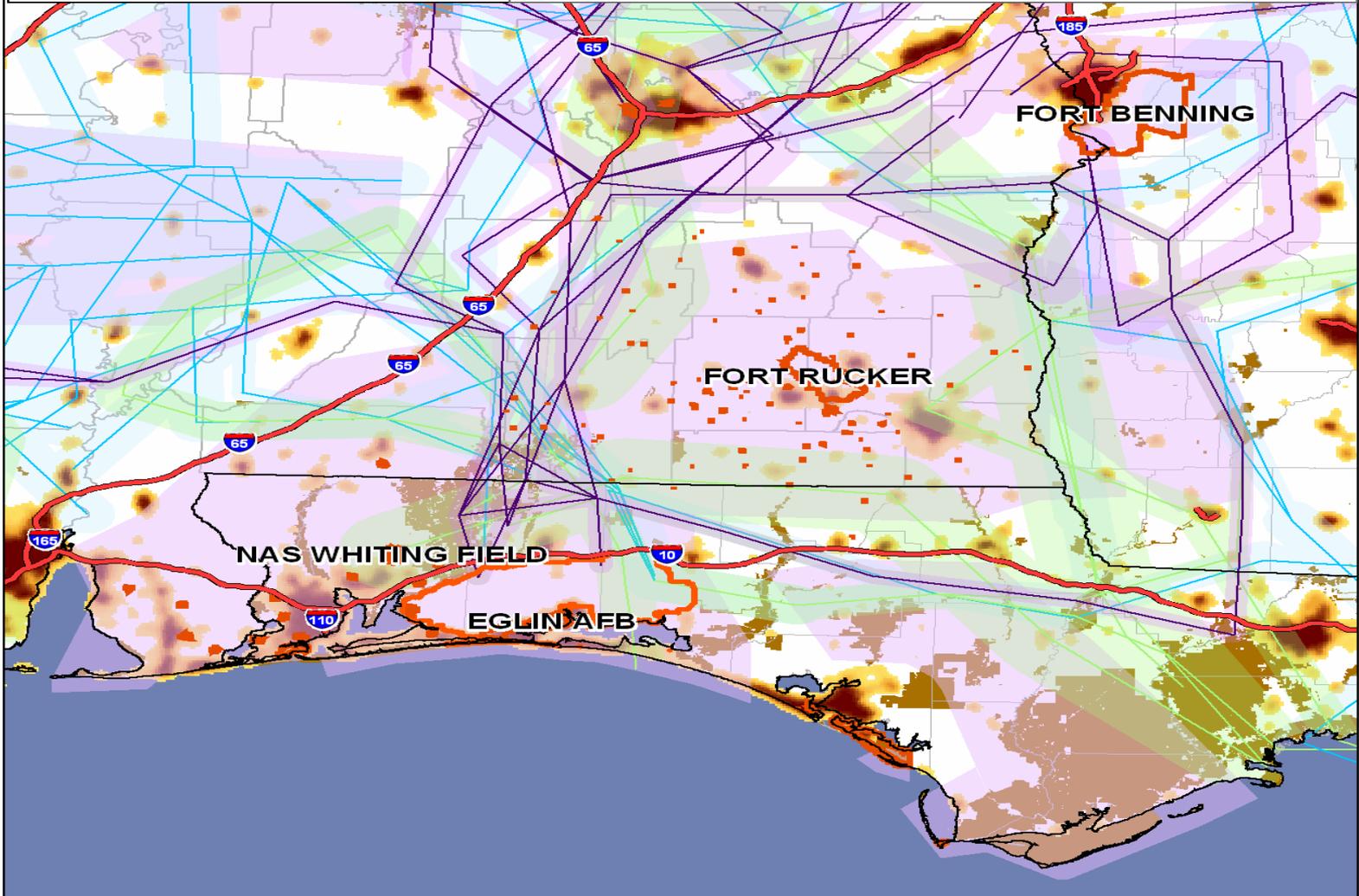


-  DoD Installations and Ranges
-  MTR Low Altitude Routes
-  MTR Instrument Routes
-  MTR Visual Routes
-  Special Use Airspace

-  Protected Lands
- Lights at Night**
-  High
-  Low

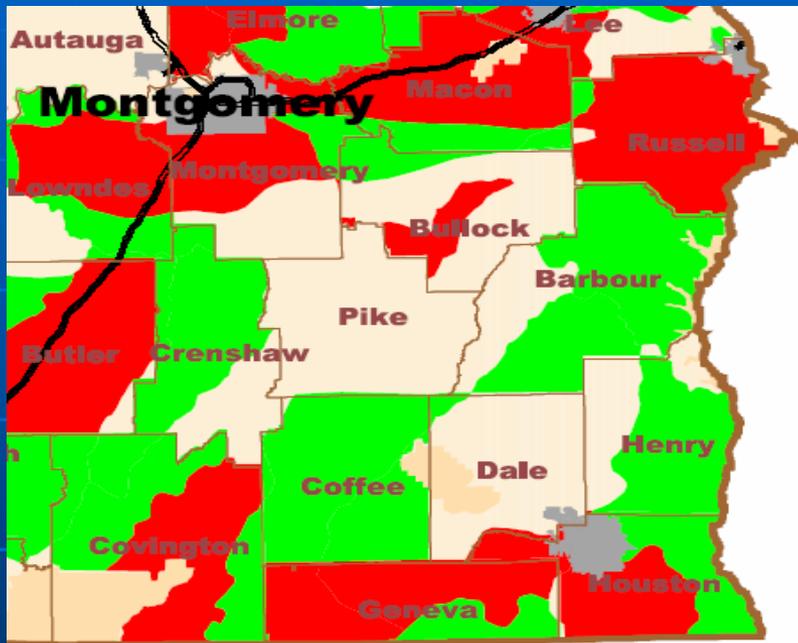


0 10 20 Miles



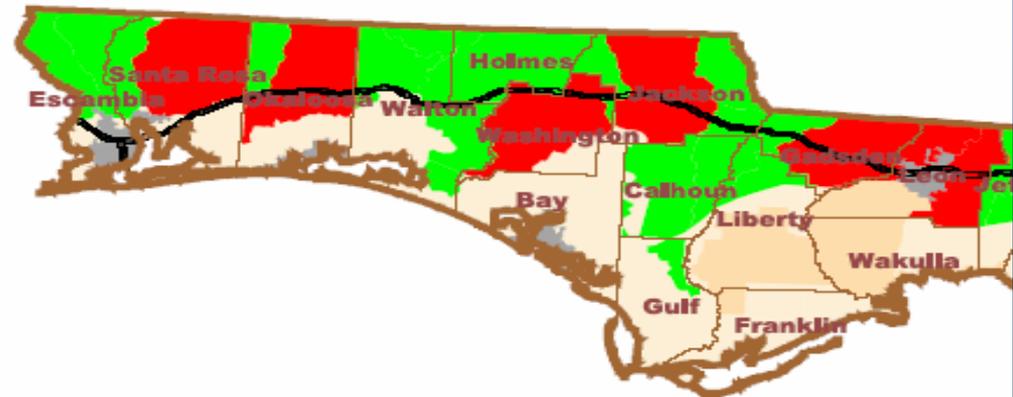
American Farmland Trust

- Farming on the Edge: Sprawling Development Threatens America's Best Farmland



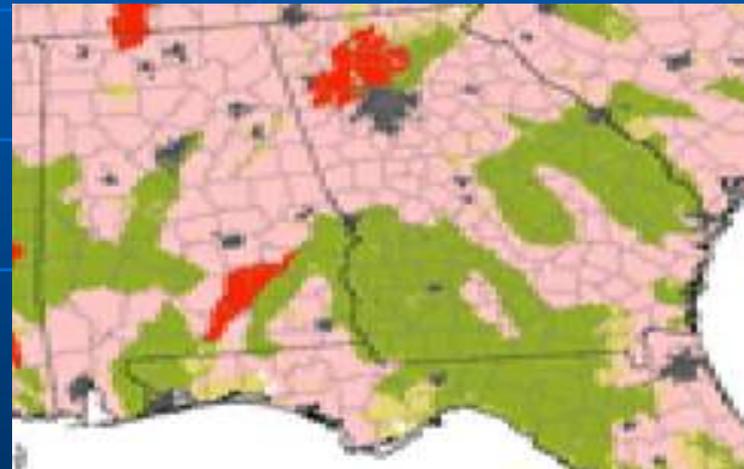
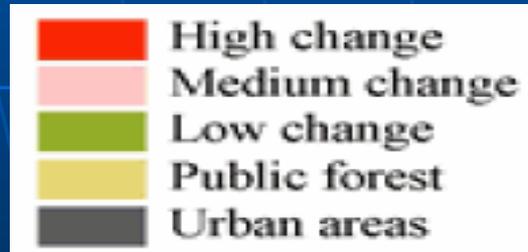
Legend:

- High-Quality Farmland & High Development
- High-Quality Farmland & Low Development
- Federal & Indian Lands
- Urban Areas
- Other Lands



USDA Forest Service

- Forests on the Edge: Housing Development on America's Private Forests
 - Identified watersheds with private forests projected to increase in housing density by 2030



Change = changes in housing density either from rural to exurban, or from rural and exurban to urban.

Low change = housing density increases projected to occur on private forests across 0 to 5 percent of a watershed.

Medium change = housing density increases projected to occur on private forests across 5 to 20 percent of a watershed.

SERPPAS Longleaf Pine Ecosystem Initiative

- Regional Strategy
 - Action Strategy & Range-Wide Restoration Plan
 - Convocation and follow up
- Implementation Projects
 - FLAG – Florida/Alabama/Georgia Corridor
 - NC Strategic Lands Inventory
 - SC MAJIC
- Complementary Efforts
 - RCW Translocation
 - Gopher Tortoise CCA
 - NC Alliance for Working Landscapes
- Supporting Actions
 - CESU Research Agenda

Keys To Success

- All partners mission requirements are on the map
 - Military is the least forthcoming on future mission needs
- Good map shows areas of mutual interest and mutual concern and provides a basis for discussion and planning

Key to Failure: Military does not speak with one voice; does not map future requirements beyond fencelines