



12 April, 2006

Southeast Regional Partnership for Planning and Sustainability - *GIS Decision Support System Update*

William L. Allen, III

Director of Strategic Conservation Programs

The Conservation Fund

Contractor for Office of the Secretary of Defense



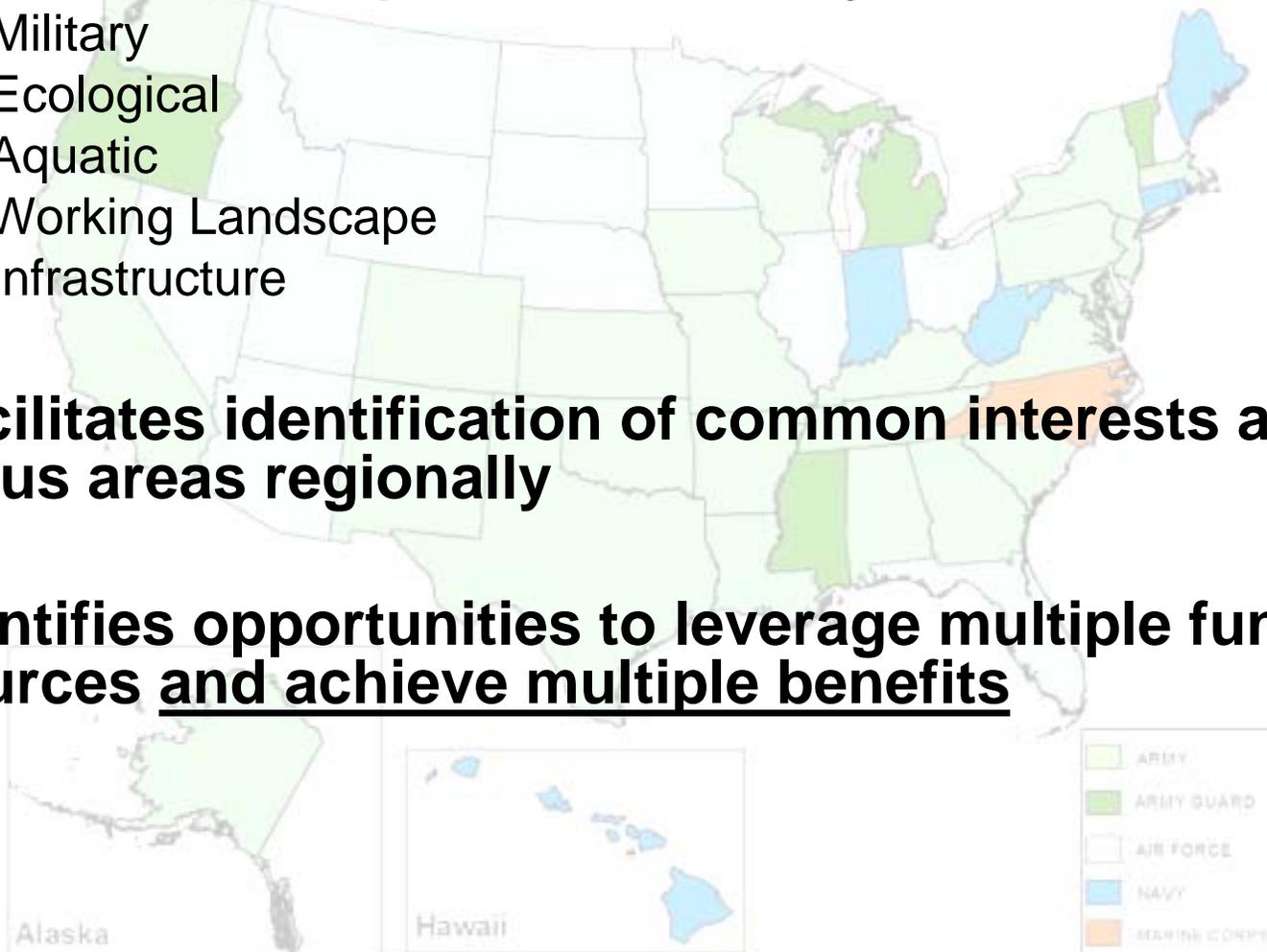
SERPPAS GIS Decision Support Tool: Benefits

- **Delineates “footprints” of activity**

- Military
- Ecological
- Aquatic
- Working Landscape
- Infrastructure

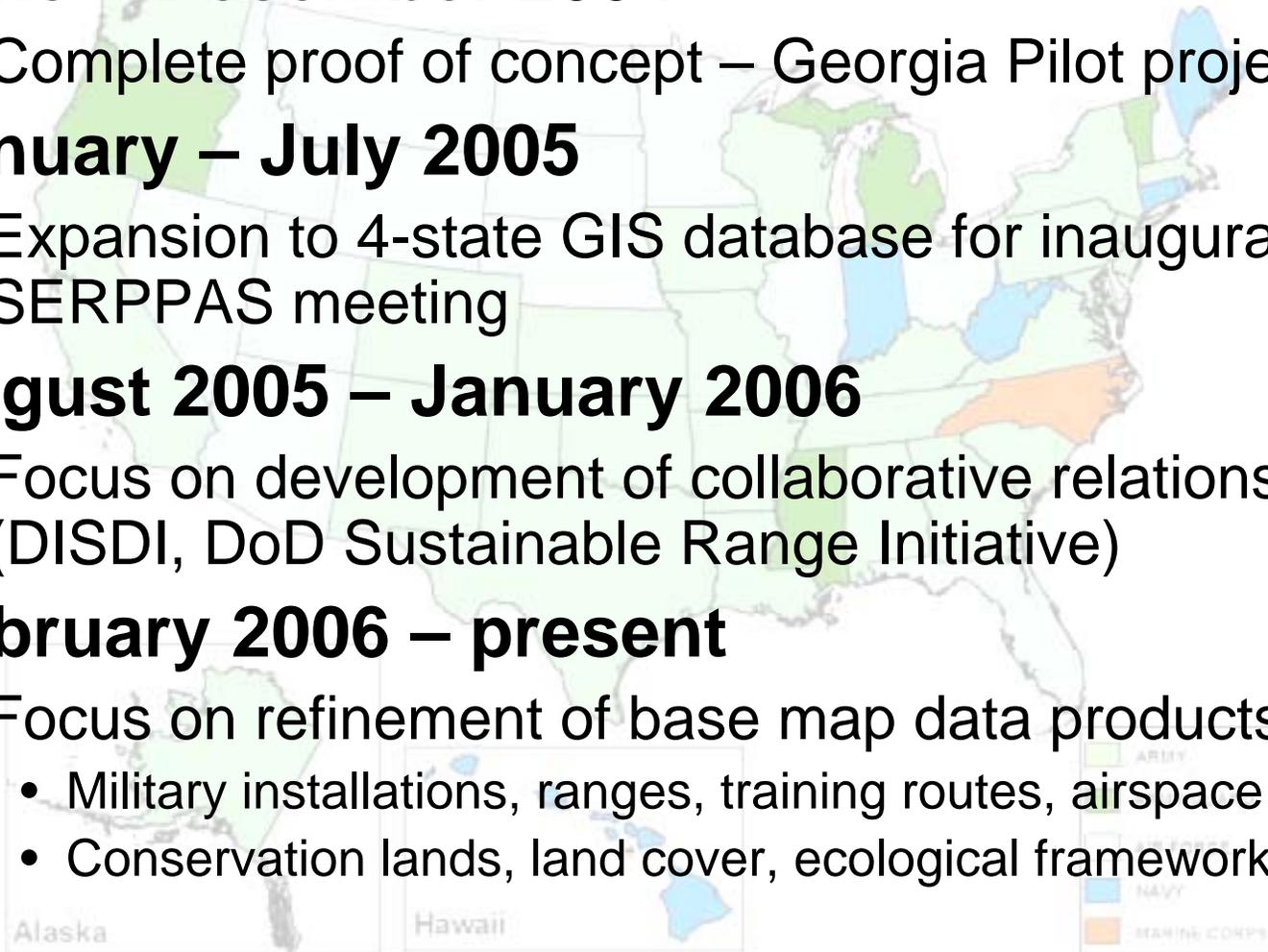
- **Facilitates identification of common interests and focus areas regionally**

- **Identifies opportunities to leverage multiple funding sources and achieve multiple benefits**



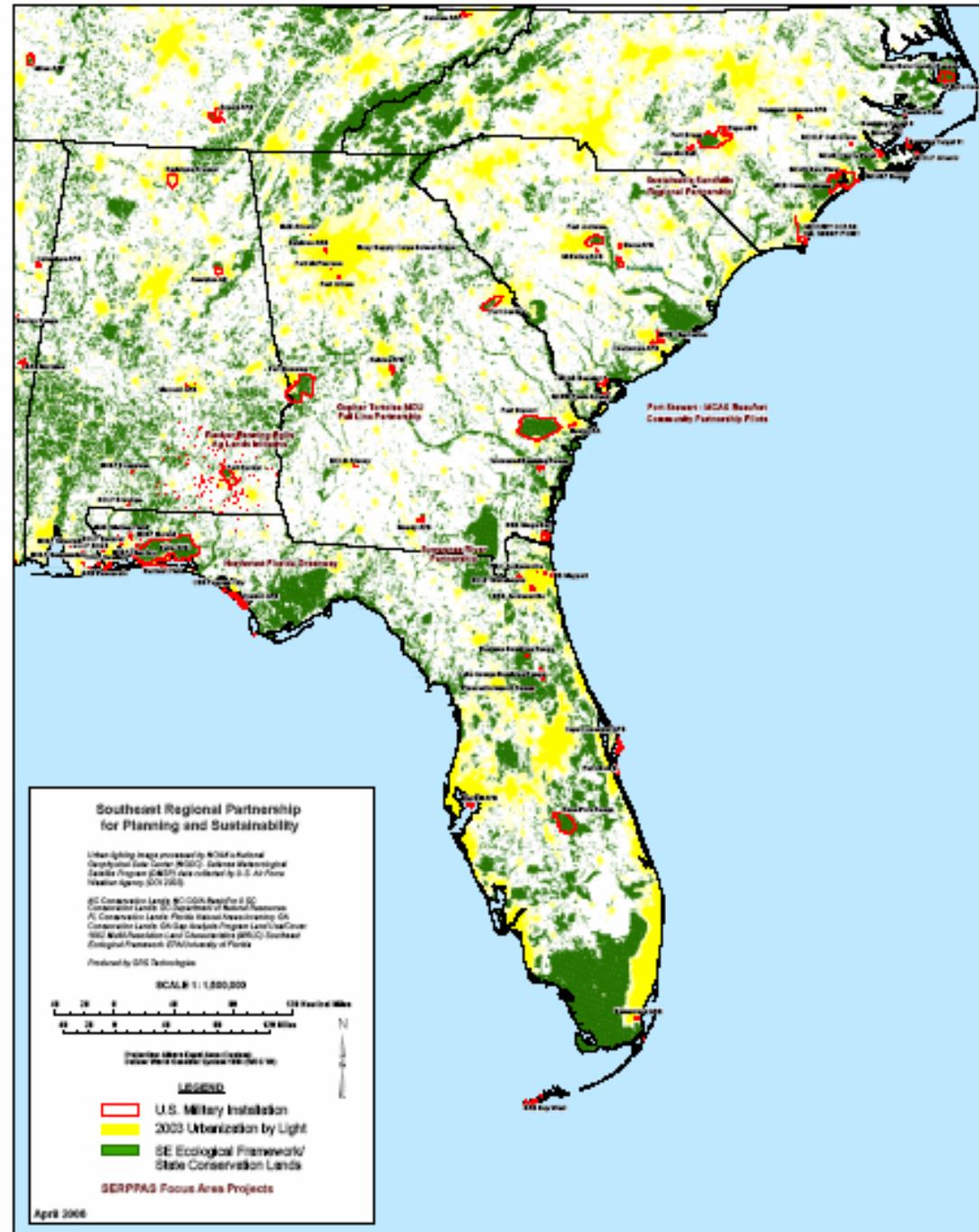
SERPPAS GIS Decision Support Tool: Timeline

- **June – December 2004**
 - Complete proof of concept – Georgia Pilot project
- **January – July 2005**
 - Expansion to 4-state GIS database for inaugural SERPPAS meeting
- **August 2005 – January 2006**
 - Focus on development of collaborative relationships (DISDI, DoD Sustainable Range Initiative)
- **February 2006 – present**
 - Focus on refinement of base map data products
 - Military installations, ranges, training routes, airspace
 - Conservation lands, land cover, ecological framework



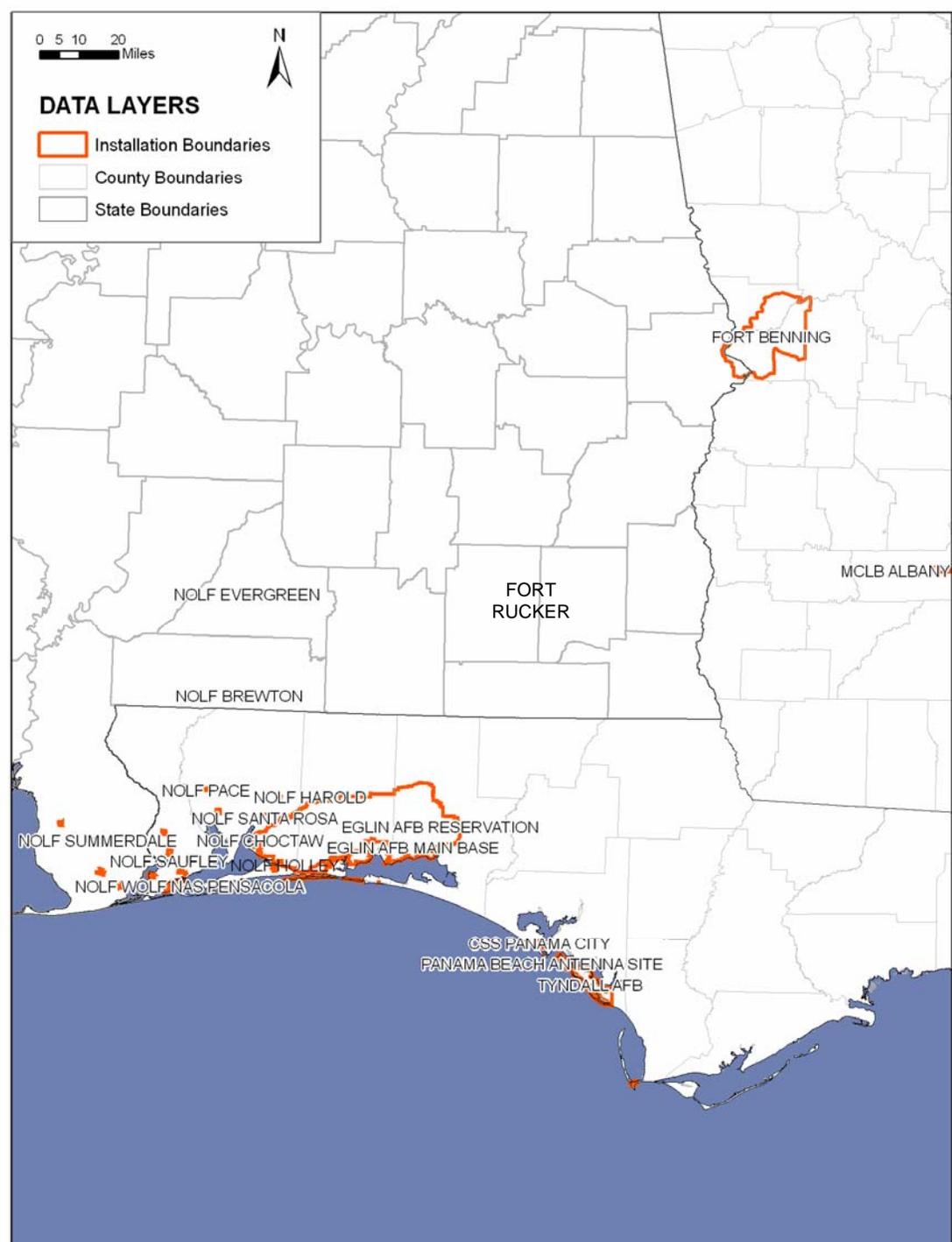
Map Overlay

- Regional View
- Installations
- Ecological Framework
- Urbanization by Light



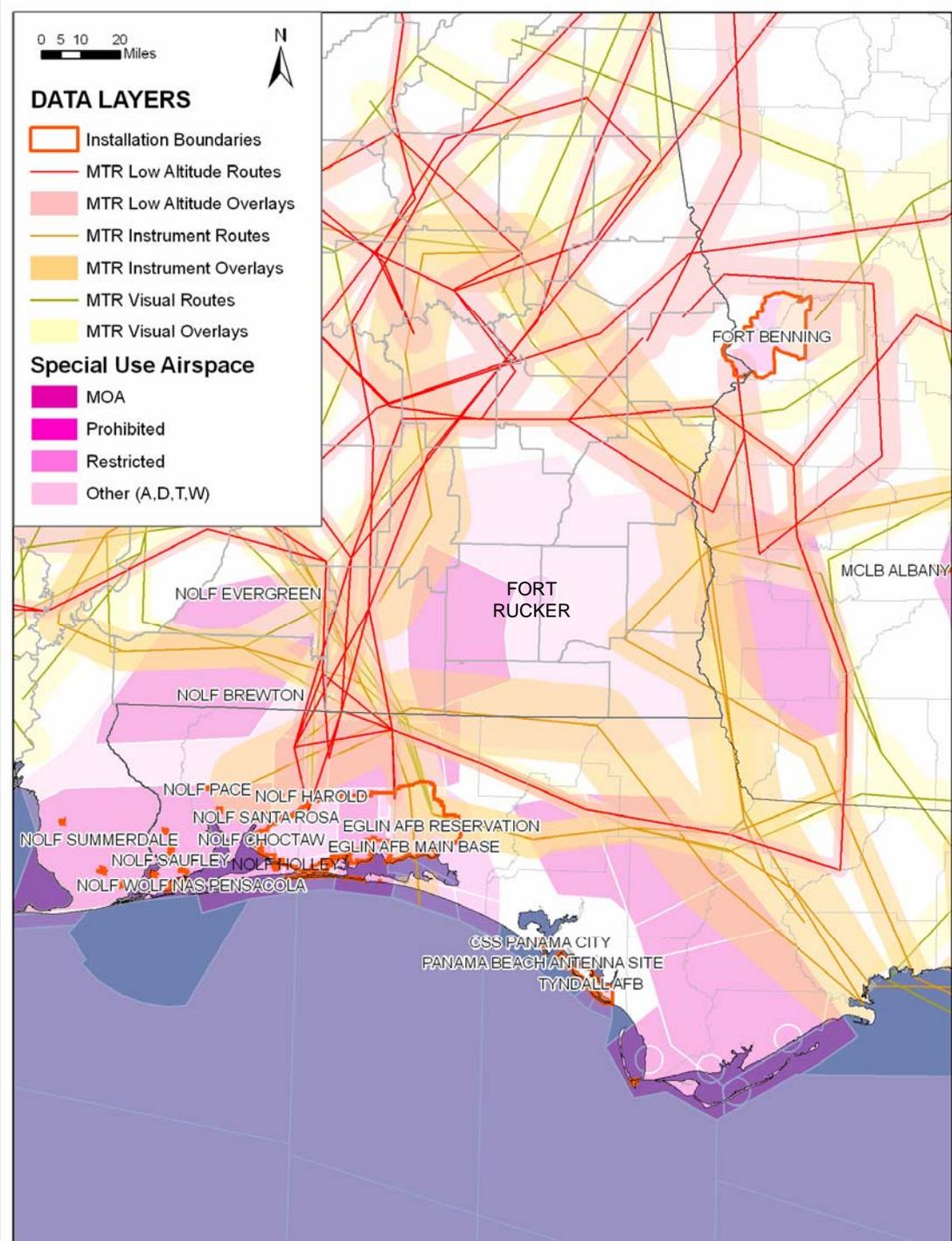
Map Overlay

- Installations
- Political Boundaries



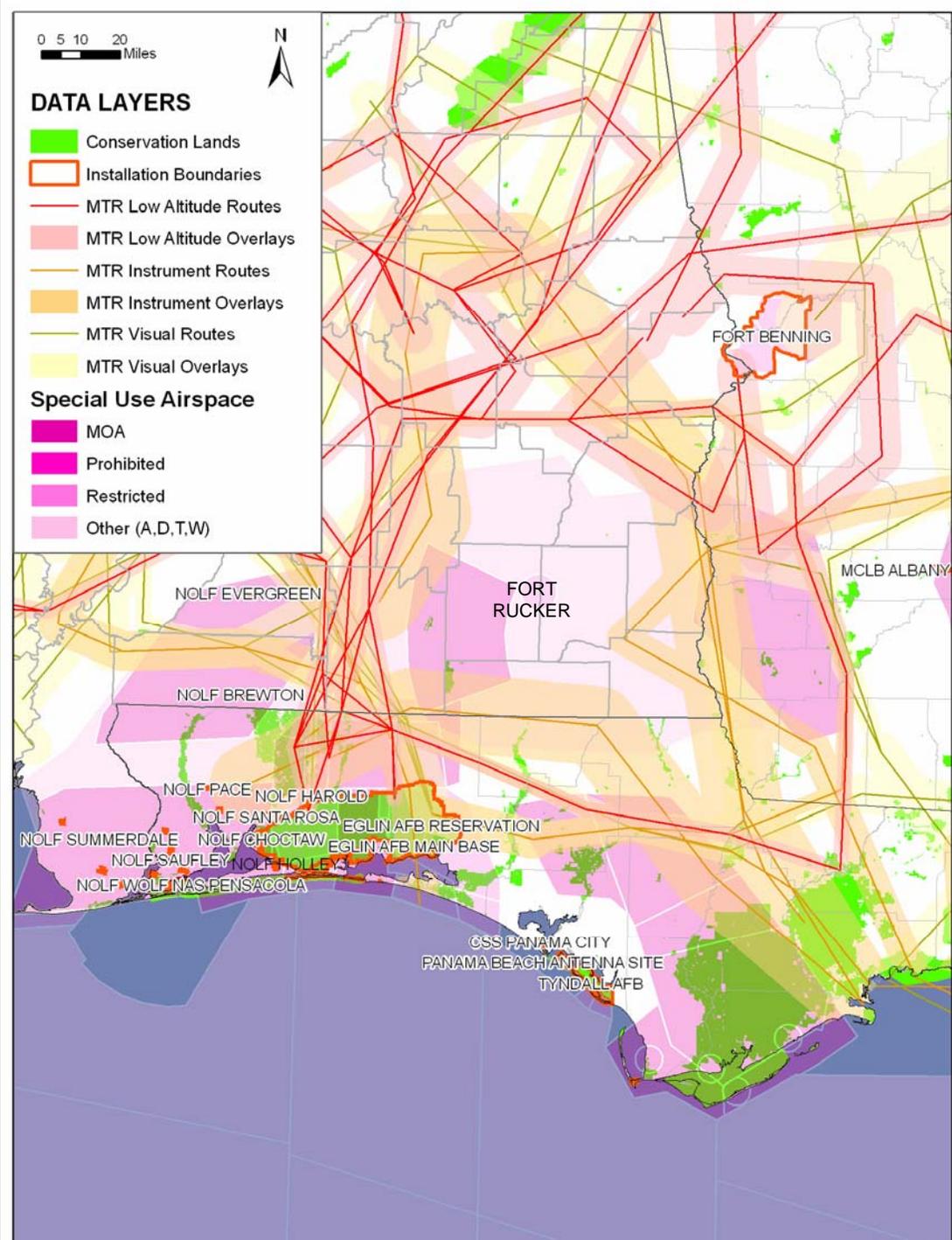
Map Overlay

- Installations
- Political Boundaries
- Military Training Routes
- Special Use Airspace



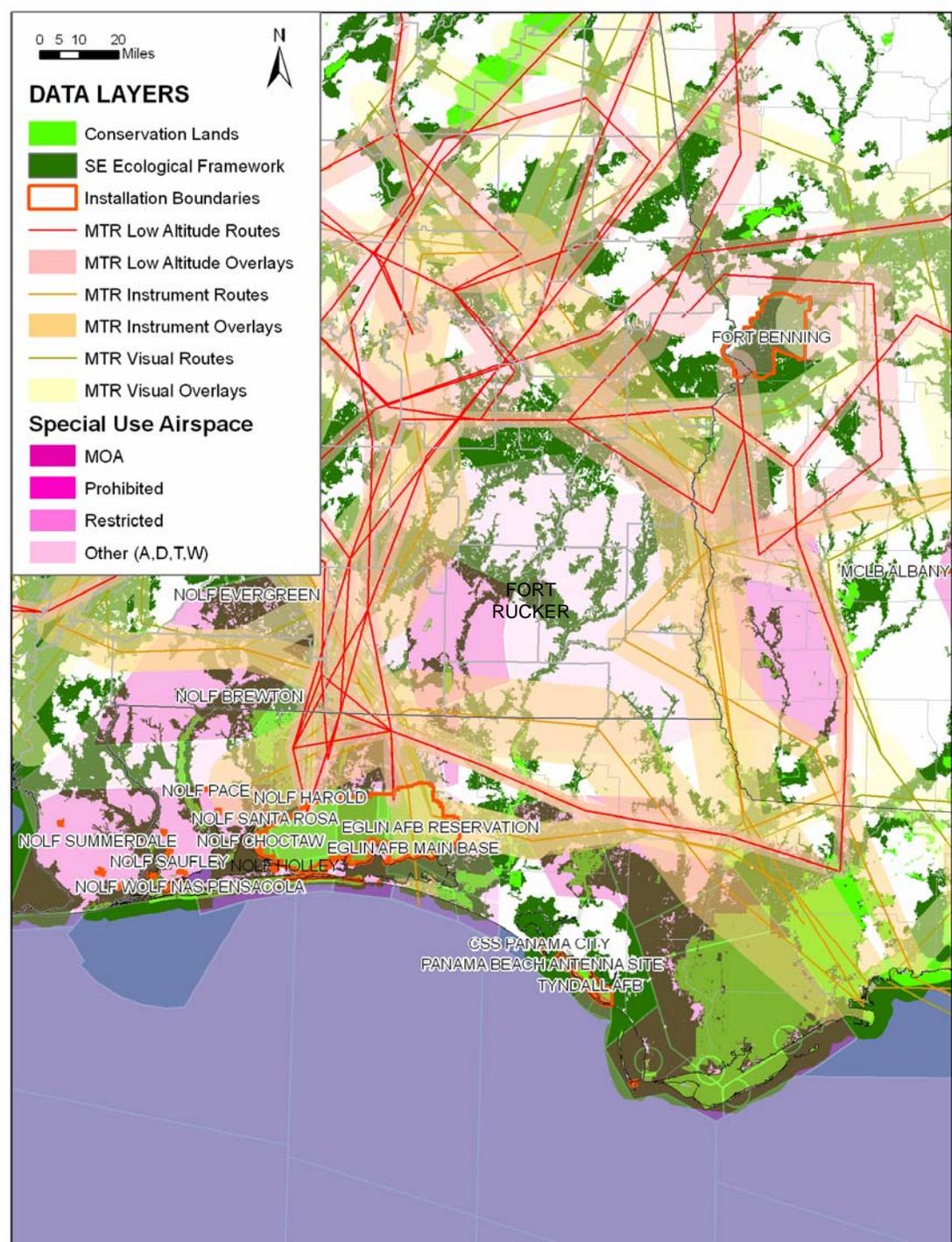
Map Overlay

- Installations
- Political Boundaries
- Military Training Routes
- Special Use Airspace
- Conservation Lands



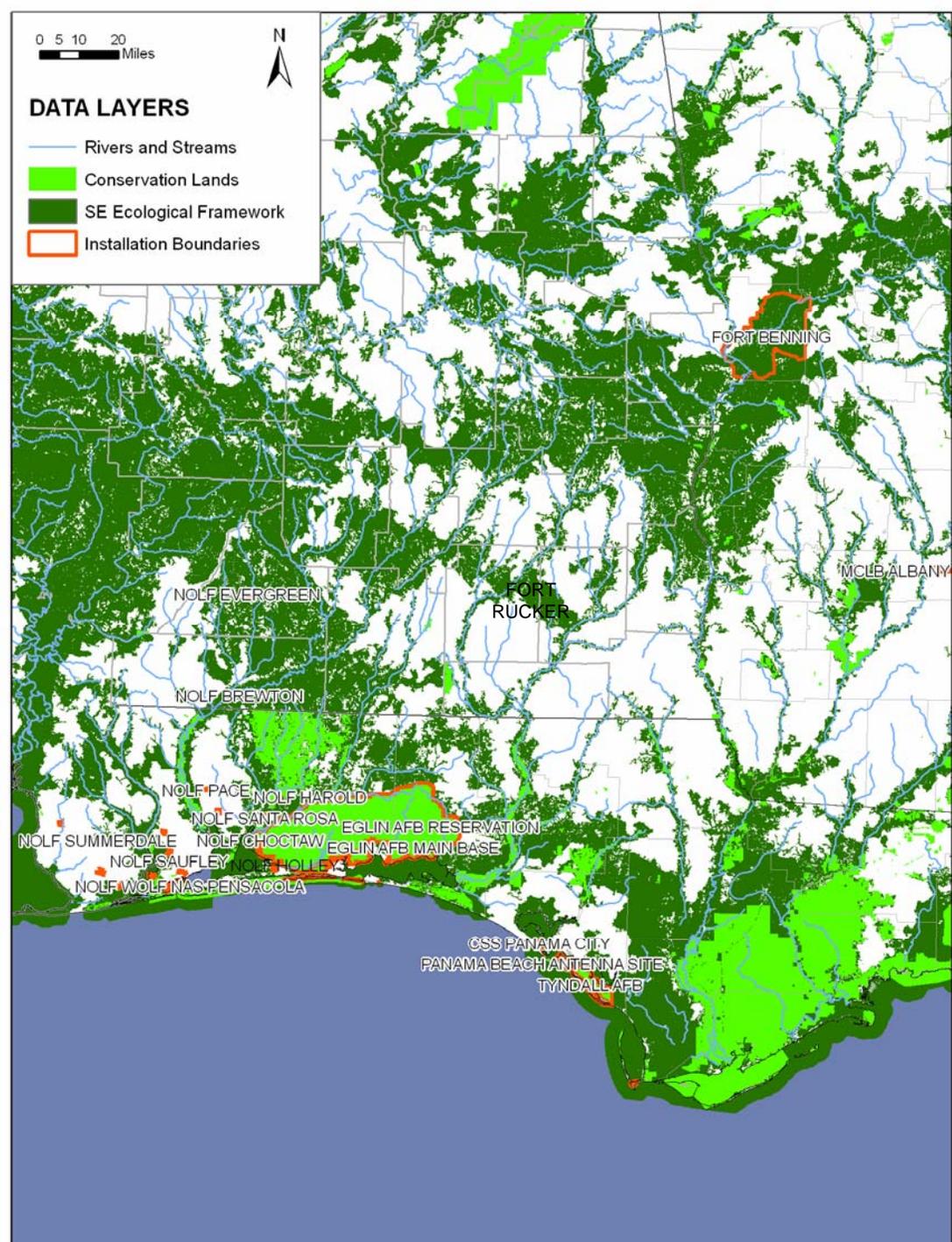
Map Overlay

- Installations
- Political Boundaries
- Military Training Routes
- Special Use Airspace
- Conservation Lands
- Ecological Framework



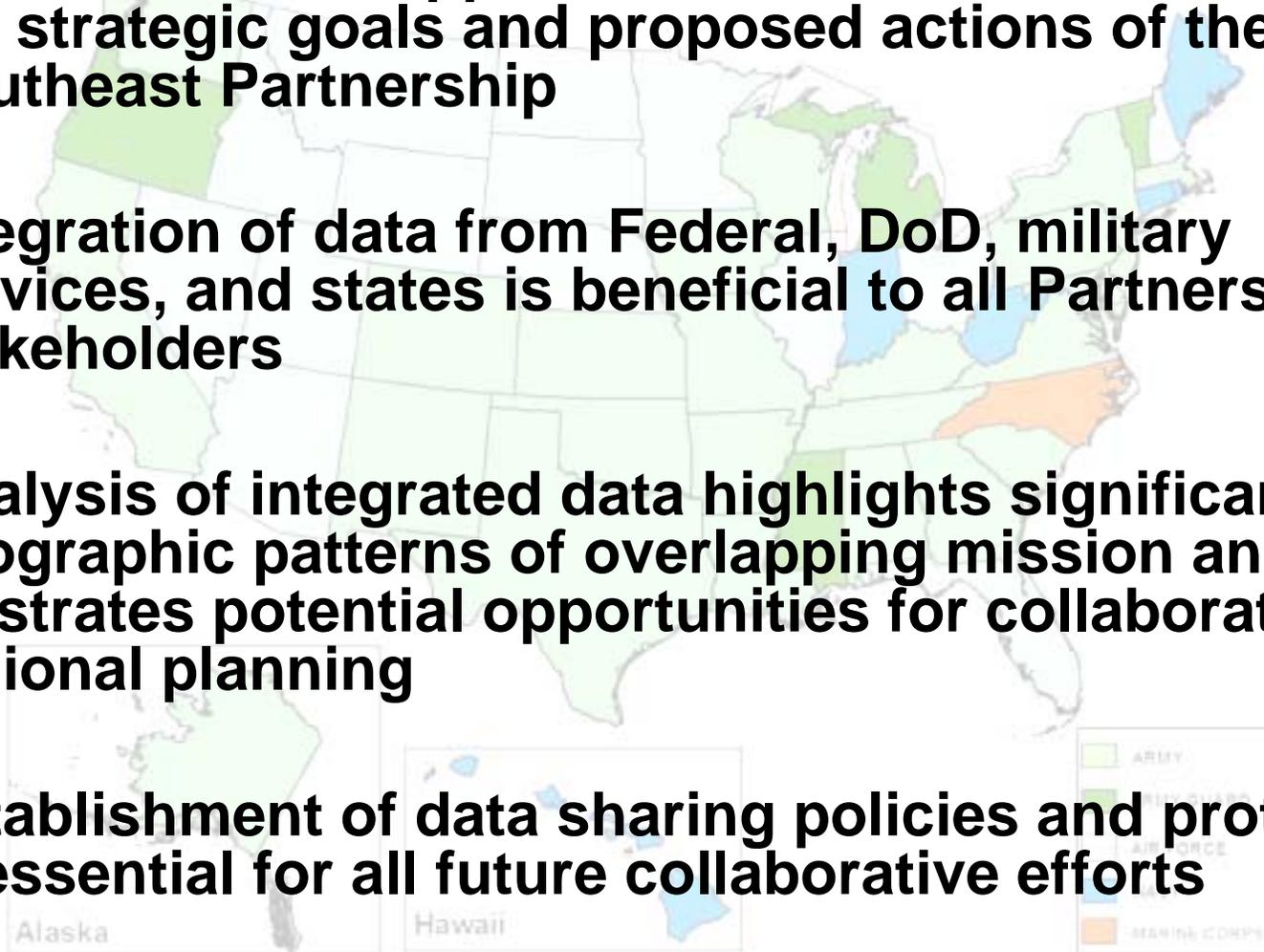
Map Overlay

- Installations
- Political Boundaries
- Conservation Lands
- Ecological Framework
- Rivers and Streams



SERPPAS GIS Decision Support Tool: Key Findings

- **A GIS decision support tool is critical for advancing the strategic goals and proposed actions of the Southeast Partnership**
- **Integration of data from Federal, DoD, military services, and states is beneficial to all Partnership stakeholders**
- **Analysis of integrated data highlights significant geographic patterns of overlapping mission and illustrates potential opportunities for collaborative regional planning**
- **Establishment of data sharing policies and protocols is essential for all future collaborative efforts**



SERPPAS GIS Decision Support Tool: Next Steps

■ **Data Collection**

- Continued input from states and services
- Collect key inputs (e.g. State Comprehensive Wildlife Strategies)

■ **Data Sharing**

- Establishment of data sharing policies and protocols (DISDI)
- Assist in design of appropriate map services web portal

■ **Pilot Projects**

- Support selection of potential pilot projects
- Provide base map information for implemented pilot projects

