The Conservation Fund

Partners in Land and Water Conservation

Limiting Encroachment
Through Conservation Investments:
A Statewide Assessment of Georgia

August 23, 2004 – Savannah, GA
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Military Installations

From Fred Pease, USAF Department of Defense Conservation Conference, June 19, 2002, Tucson, AZ.
https://www.denix.osd.mil/denix/Public/Library/NCR/Conf02/conf02.html
Population Density

OBJECTIVES

- Reduce encroachment in buffer lands
- Promote compatible land use in “white space”
- Enhance DoD Private Lands Initiative
- Leverage investments from the conservation community
- Develop broad-based, systematic framework for evaluating opportunities
- Develop template to apply to other states
GEORGIA PILOT

- **Military**
  - 13 installations
  - 120,000 jobs
  - $20 billion in economic activity

- **Conservation**
  - Georgia Land Conservation Partnership (DNR)
  - Comprehensive Wildlife Strategy (LWCF)
  - Community Greenspace Program
  - Forest Legacy, Farm Bill
PROJECT PHASES

- Inventory
- Analysis
- Synthesis
- Implementation
- Evaluation
S T A T U S

- Project Initiation: June 2004
- Resource data acquired, preliminary models developed
- Inventory of training routes and special use airspace complete, preliminary models developed
- Awaiting installation data from OSD/DISDI
- Pilot Project Completion: December 2004
- 2005: Future phases and refinements based on outcomes
INVENTORY

- Installations and buffer lands
- Training routes, special use airspace
- Public and private conservation lands
- Working lands: agriculture and forestry
- Wildlife habitat, endangered species
- Conservation priorities
  - Southeast Ecological Framework
  - Land Conservation Partnership Plan
  - Forest Legacy
Southeast Ecological Framework

Source: EPA & Univ. of Florida
Species Richness

Source:
GA Gap Analysis Program
Agriculture & Forest Lands

Source: GA Gap Analysis Program
Georgia Land Conservation Partnership Plan

The Functions, Services, and Land Types Relative to the Five Goals

<table>
<thead>
<tr>
<th>Five Major Goals</th>
<th>Clean Air</th>
<th>Biodiversity</th>
<th>Cultural Identity</th>
<th>Outdoor Recreation and Education</th>
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<td>Groundwater recharge</td>
<td>Acid rain reduction</td>
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<td>Ecotourism</td>
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<td>Water supply &amp; delivery</td>
<td>Genetic</td>
<td>Sense of place</td>
<td>Urban amenities</td>
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Training Route Model
Training Routes

Source:
NIMA DAFIF
ANALYSIS

- Identify buffer areas and white space vulnerable to encroachment and incompatible uses
- Identify significant ecological lands, working landscapes, and other conservation elements
- Identify areas of overlap
  - Installation Value
  - Airspace Value
  - Ecological Value
  - Working Landscape Value
  - Other Considerations
SYNTHESIS

- Assess systematically military-conservation overlap
- Delineate Strategic Focus Areas for collaboration

IMPLEMENTATION

- Identify partnerships and implementation tools to address land use issues within each Focus Area

EVALUATION

- Evaluate effectiveness of project template, modeling, and process.
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Questions?