



Integrating Landscape Conservation and Military Readiness

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North American Wildlife & Conservation Conference
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The Military Landscape

Critical Assets Supporting Military Readiness





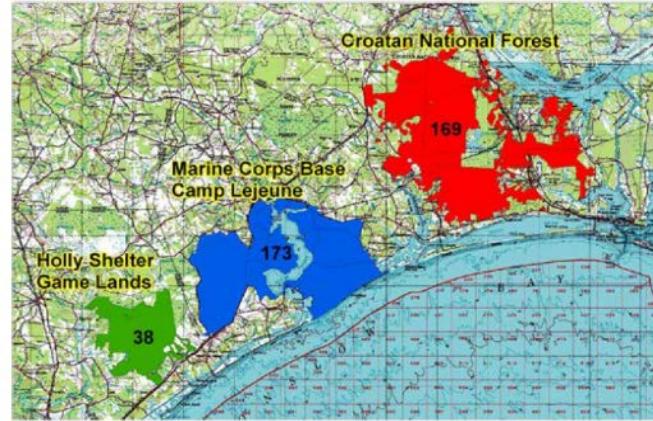
The Military Landscape

Critical Assets Supporting Military Readiness





Conservation Role

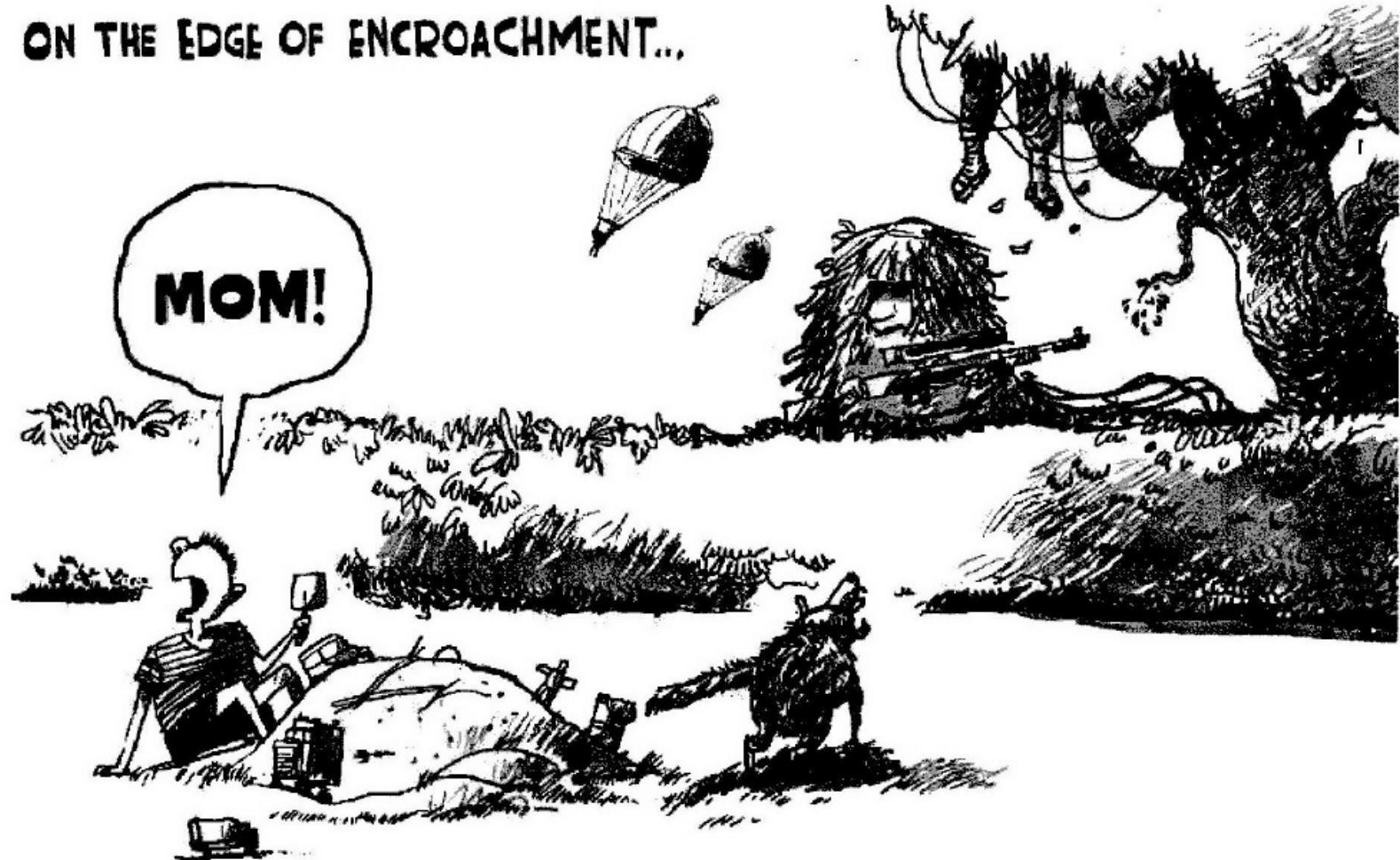




Changing Landscapes

Nature of Encroachment

ON THE EDGE OF ENCROACHMENT...



CMTERRY
HOOTNES FLORIDA 34145-0304



Changing Landscapes

Conflict to Cooperation



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Page 5A
The North Moore Mustangs
two of a pair of conference basketball games

Page 1B
Valentine's Day is a special day for sweethearts, young and old.

CITIZEN NEWS-RECORD

Prepared by The Sandhills Citizen, The Business Award, The House Divided over The Moore County News

A PARK NEWSPAPER Member The Associated Press

SUNDAY, FEBRUARY 11, 1990 • MOORE COUNTY, NC

OPINION VOL. 98, NO. 12 18 PAGES

Fort Bragg charged with harming habitat of woodpecker species

By CLAUDIA MADELEY
Citizen Staff Writer

Four nesting and roosting spots of the U.S. Forest Service at Fort Bragg near Fayetteville are receiving federal protection and constitute the first preventing and conserving woodpecker populations from being hurt charged.

The enlarged woodpeckers live in the Sandhills of North Carolina, which includes the military base, and the population at Bragg is believed to be the largest in the state, and may be the largest in the entire world, according to the U.S. Forest and Wildlife Service. Fort Bragg about the Moore County boundary line of the state.

The significance of the local woodpecker has been reduced because of the loss of old-growth woodpeckers of Francis Marion National Park in South Carolina from the range of Hurricane Hugo in September 1989.

Baloney target imposed on bird (Illustration based on a photo which is reprinted with permission)





Changing Landscapes

Understanding the Connections

The Department of Defense's Readiness and Environmental Protection Integration (REPI) Program is a key tool for promoting innovative and land conservation partnerships that benefit national defense, neighboring communities and the environment.

Parachute training is halted when housing developments are built near drop sites



Realistic combat training, pristine test environments, and operational capability are keys to keeping our service members safe. However, encroachment issues are creating obstacles that threaten military activities.

80% of military bases have surrounding development that is higher than the national average



Weapons testing and training causes noise, dust, and smoke complaints from nearby communities

Urban sprawl decreases habitat and may cause Federally protected species to seek sanctuary on military lands



Flight testing, training, and operations are impeded by cellphone towers, wind farms, and developments



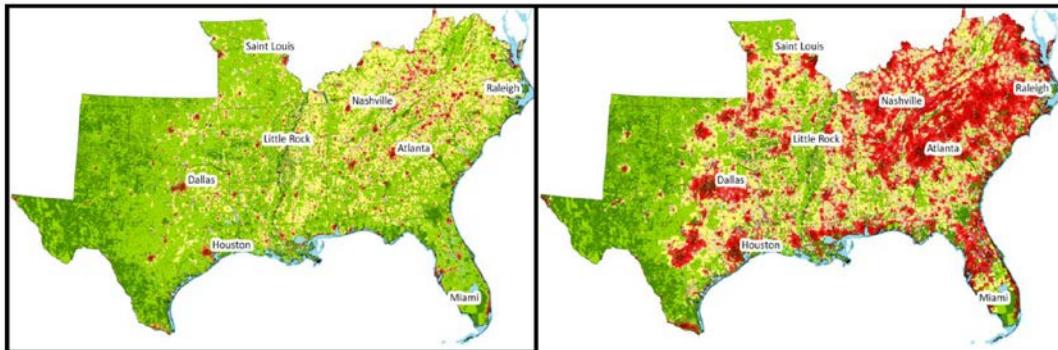
Night training is compromised when light pollution from nearby commercial areas spreads





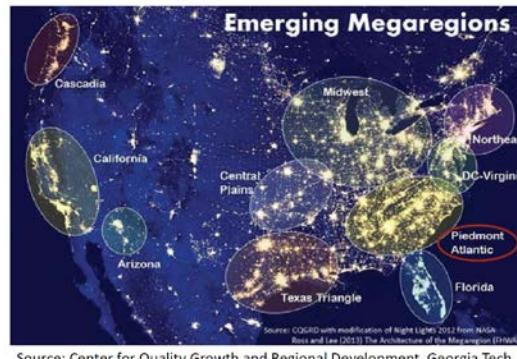
Changing Landscapes

Future Challenges



1940

2030



Potential Economic Viability of Wind

Acquisition, Technology and Logistics

Exponential growth driven by emerging technology that will allow taller structures, thus opening new areas (in brown, below)





REPI

Readiness and Environmental Protection Integration Program

BUFFER PARTNERSHIP LOCATIONS



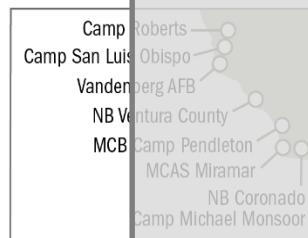


REPI

Readiness and Environmental Protection Integration Program

BUFFER PARTNERSHIP LOCATIONS

Under REPI, \$662 million in DoD funds have been leveraged with \$639 million in partner funds to protect over 466,000 acres and sustain military readiness at 89 installations in 30 states through compatible land projects, landscape partnerships, and stakeholder engagement.

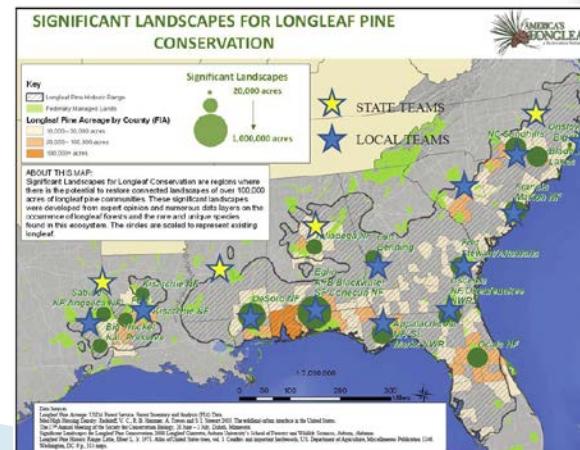




Building Partnerships



SERPPAS



Range-Wide Conservation Plan for Longleaf Pine

Prepared by the
Regional Working Group
for America's Children



SENTINEL LANDSCAPES



- The U.S. Departments of Agriculture, Defense and the Interior announced the Sentinel Landscapes Partnership in 2013, a nationwide federal, local and private collaboration dedicated to promoting natural resource sustainability
- The Partnership identifies shared interests within a landscape and coordinates mutually beneficial programs and strategies to preserve, enhance or protect habitat and working lands near military installations

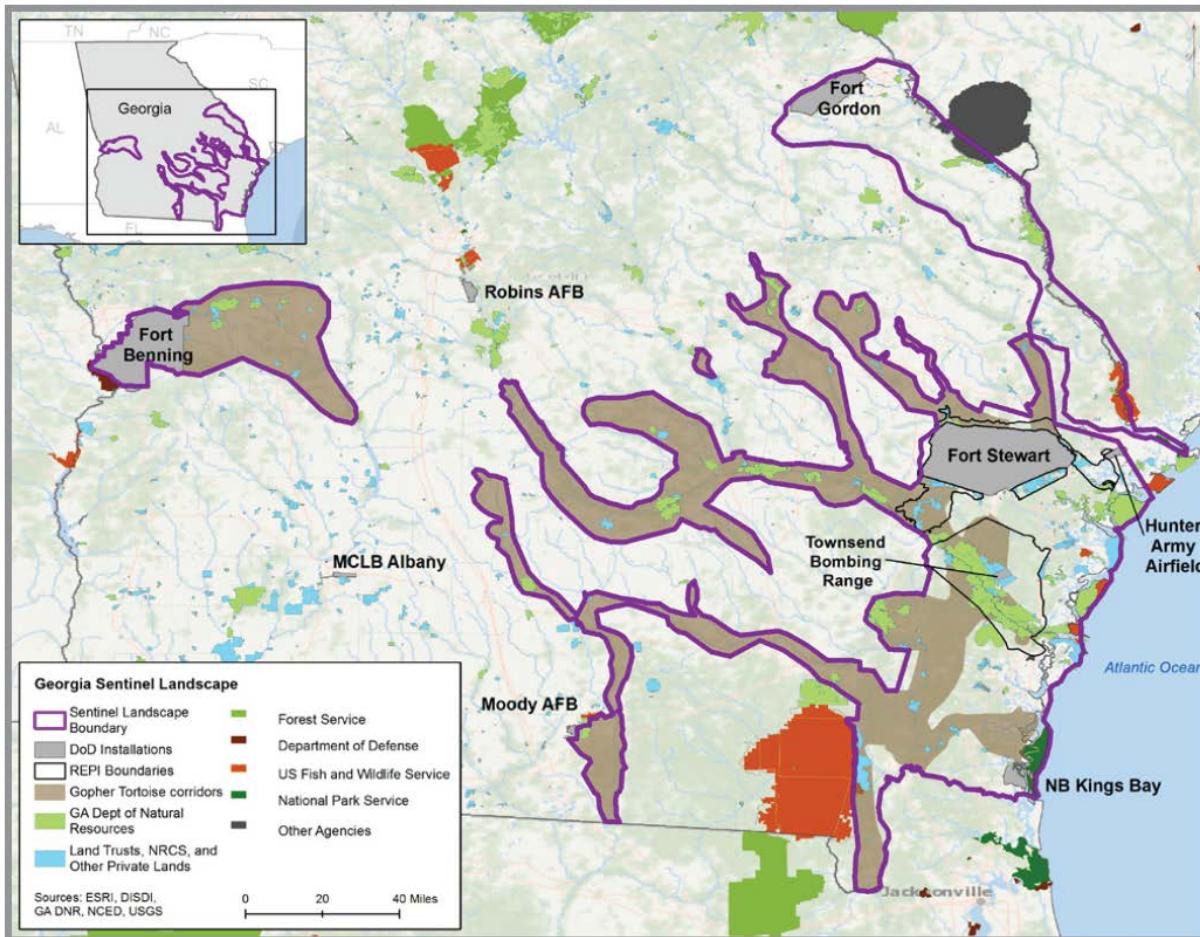




Cooperation to Collaboration



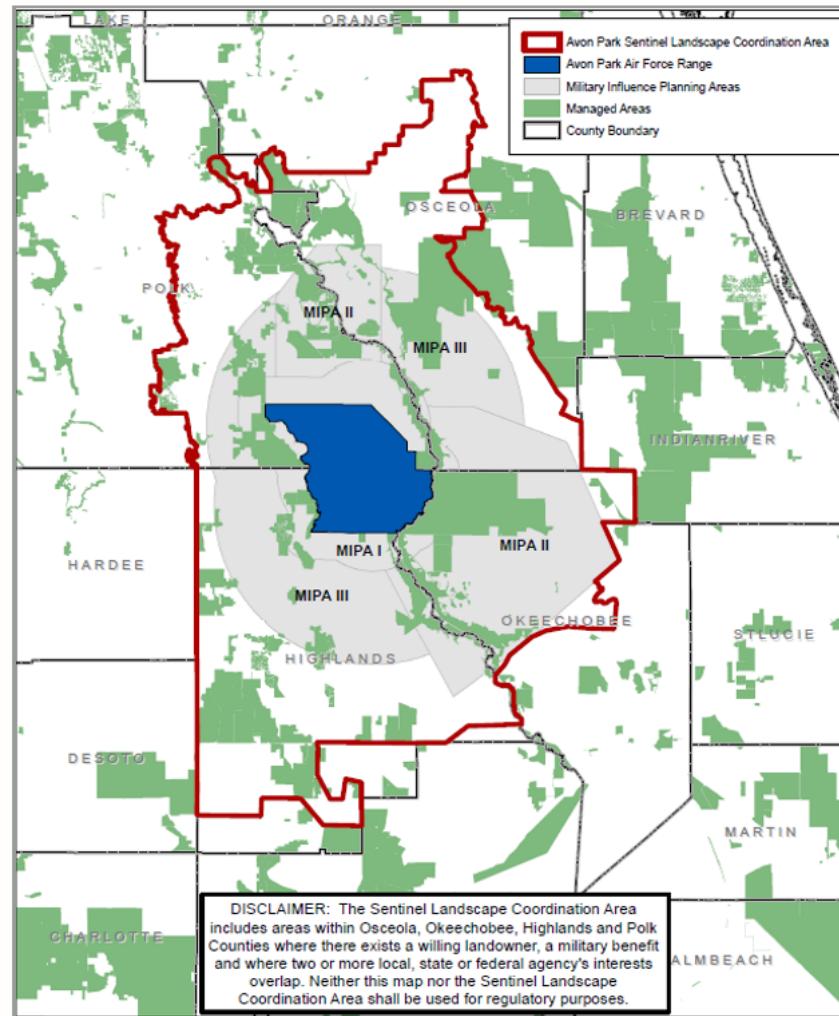
Georgia Sentinel Landscape





Cooperation to Collaboration

Avon Park Air Force Range

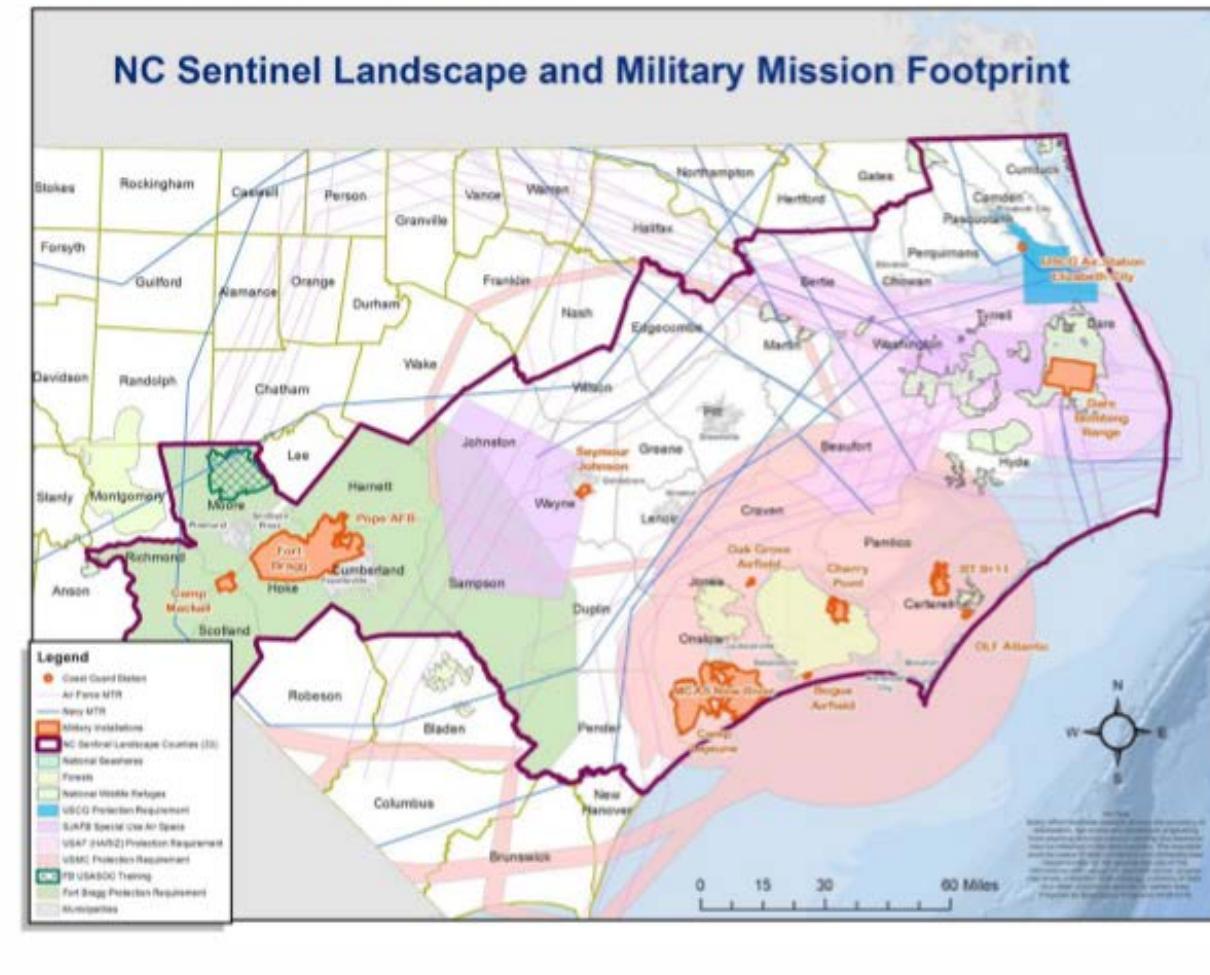




Cooperation to Collaboration



Eastern North Carolina





Future of Collaboration

➤ Collaborative Conservation

- Considers a broad spectrum of stakeholder interests
- Provides relevant outcomes beyond “conservation outcomes”
- Allows for proactive and flexible implementation in the context of a stakeholders interest, mission, authorities and resources
- Aligns priorities and resources to achieve greater results
- Conservation without Conflict



Questions?

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