

# Sustainability: Land Management



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# Report Documentation Page

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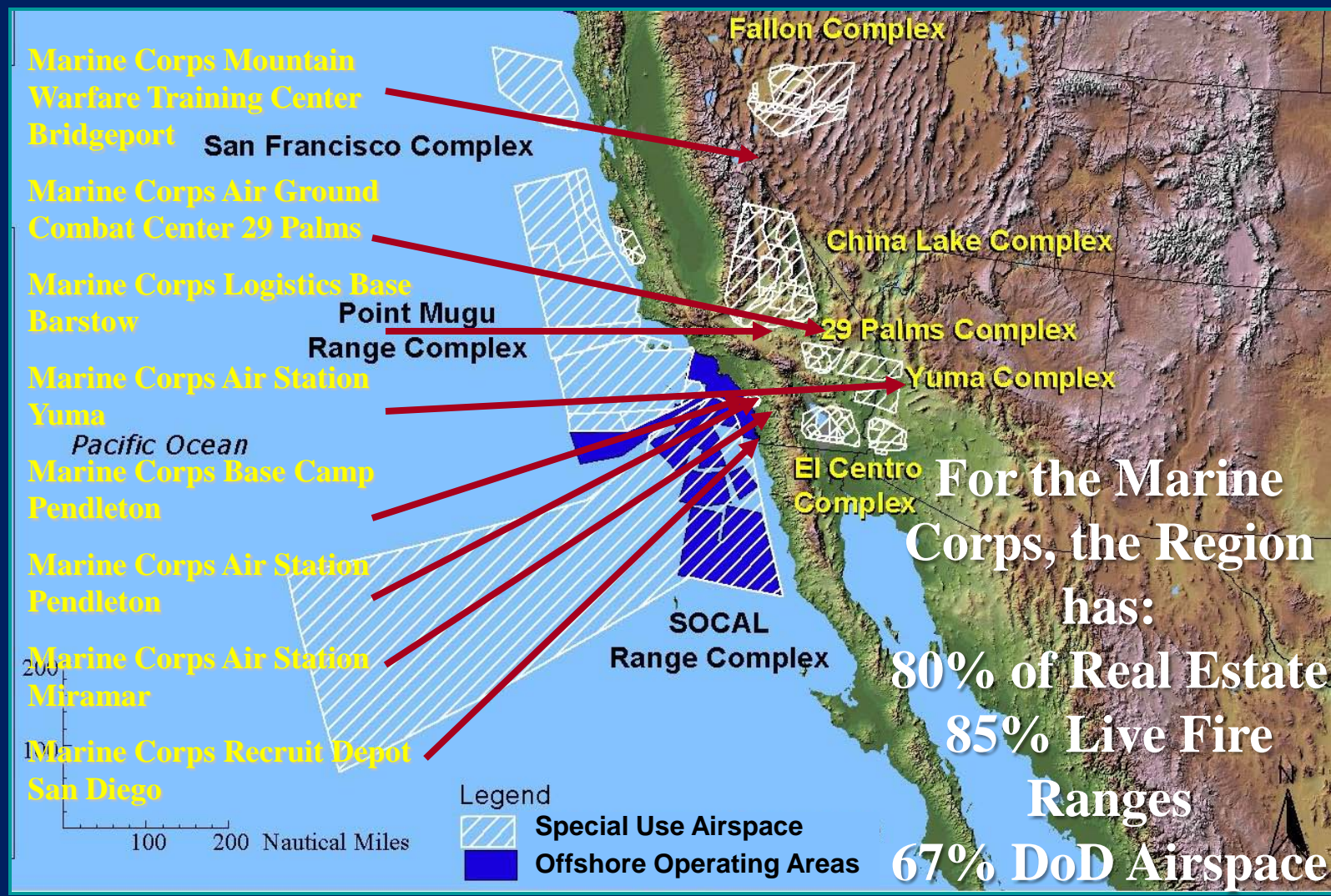








# Southwestern Regional Range System





# Training in the White Space: MV22 NEPA Study, Land Use:



Off DoD: 195 sites  
in CA, AZ, NV

Federal Agencies:  
BLM, USFS, BUREC

Local Government

Private Lands



MV22 Osprey landing at the Mountain Warfare Training Center, U.S. Forest Service Humboldt-Toiyabe National Forest





# We Must *“Train As We Fight”*



**EX DESERT SCIMITAR 2001, 2002: 1st Marine Division crossing the Colorado River**



200 Miles across CA to AZ

592 Vehicles

2700 Marines

450' expeditionary bridging

DoD does not possess the range of conditions needed to fully rehearse current operational plans unless complemented by public lands

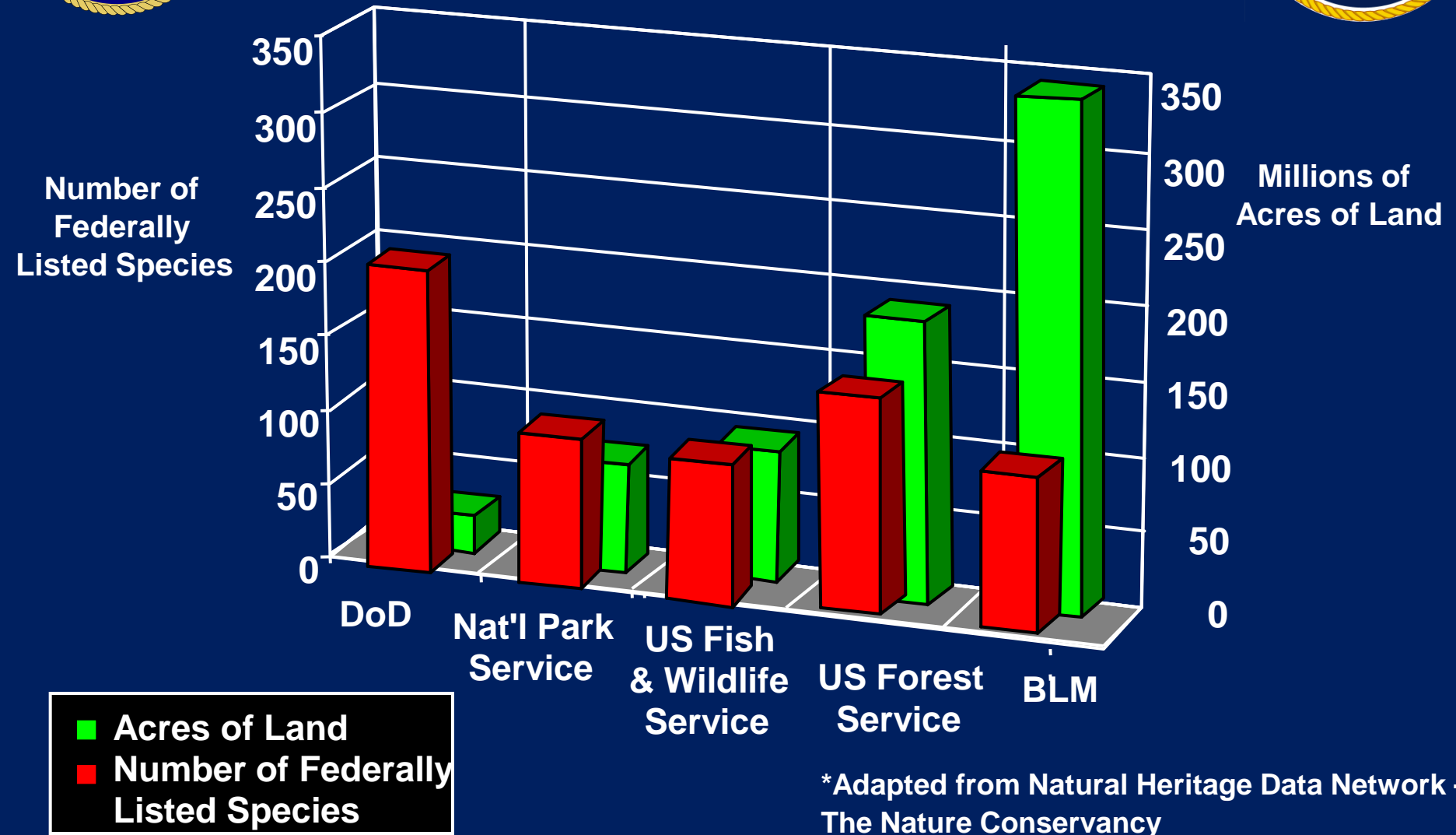


**2003: 1<sup>st</sup> Marine Division crossing Southern Bridge into Baghdad**





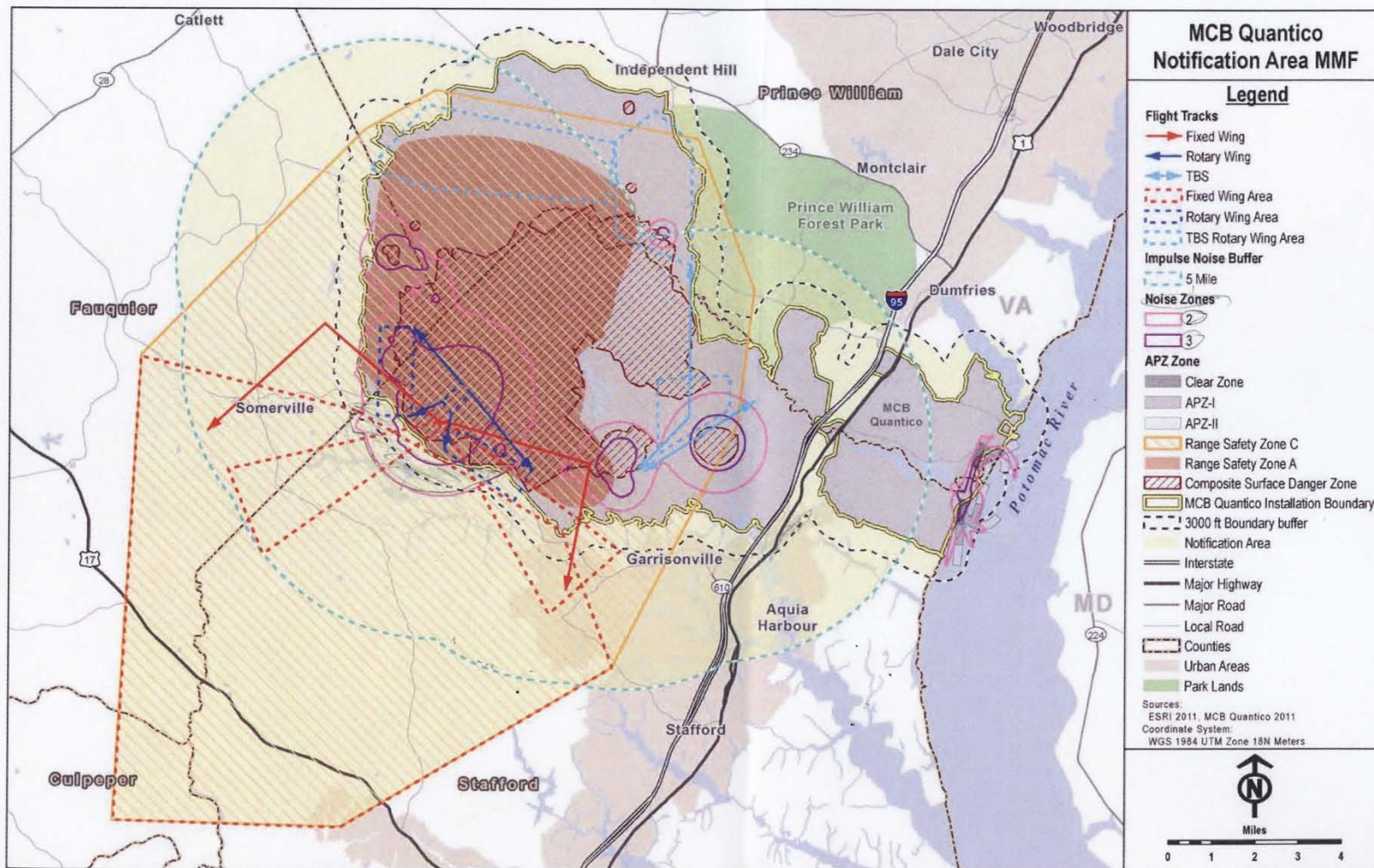
# Endangered Species Act DoD's Share:



\*Adapted from Natural Heritage Data Network - The Nature Conservancy

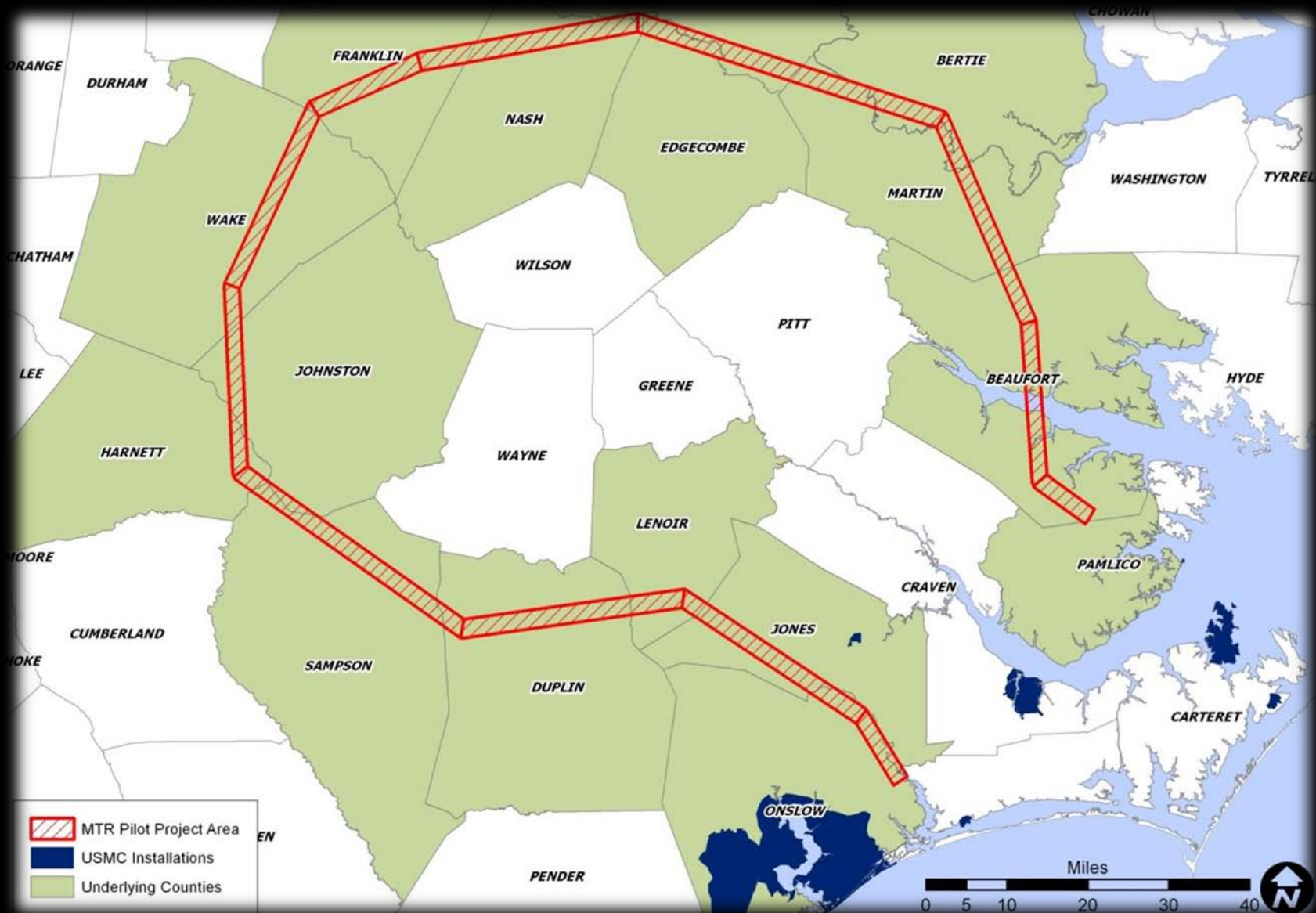


## Mission Sustainment Awareness Area





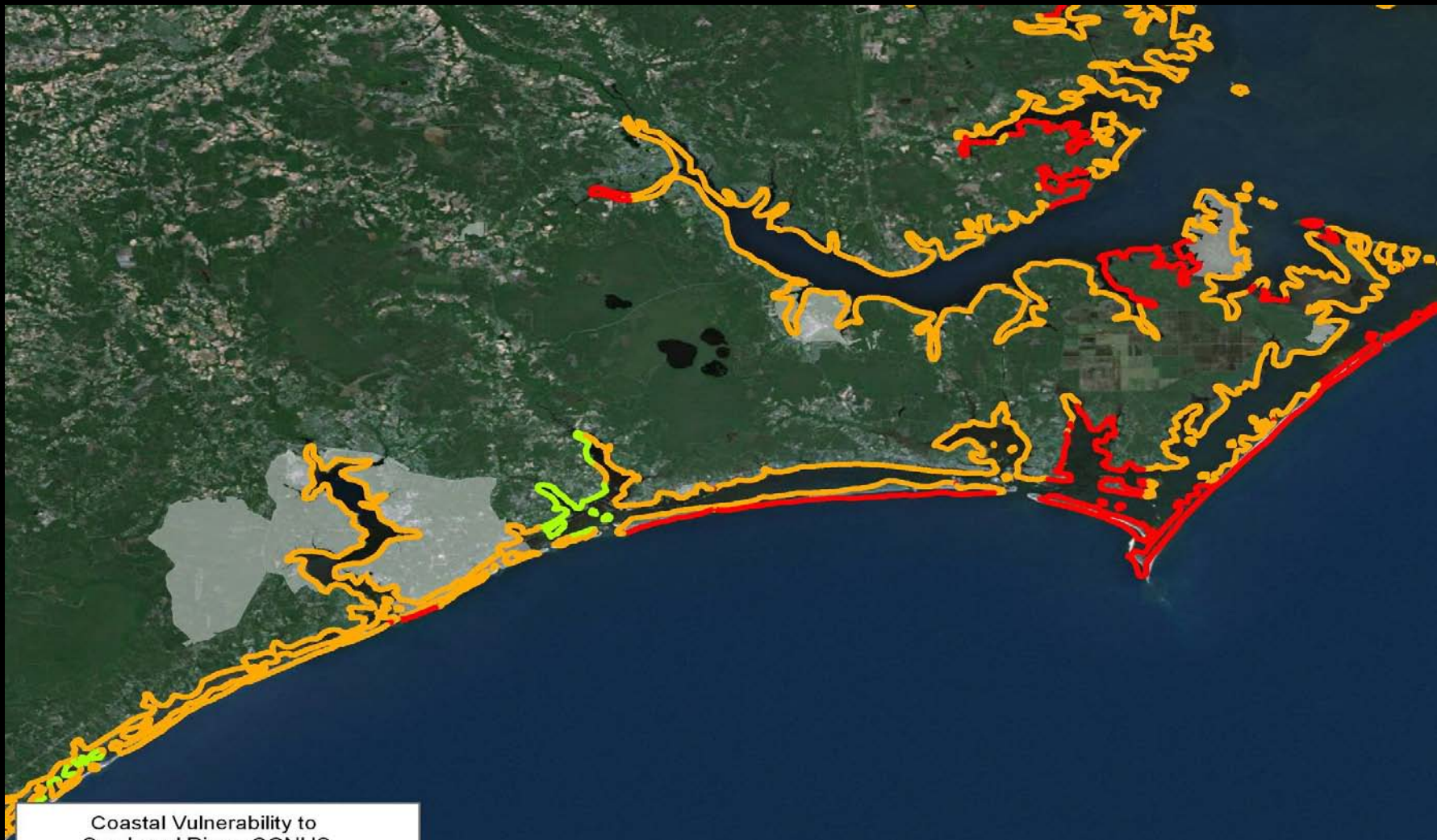
# VR1046 MTR







# Climate Change Impacts and Adaptation


## Coastal Vulnerability Index



Coastal Vulnerability to  
Sea Level Rise - CONUS

**GEOfidelis**       Low

2009-162b       Moderate  
to High

Data Source- USGS       Very High

Base Map Source- ESRI



# Common Themes

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- Challenges
  - Bases Were “Sized” For Yesterday’s Needs
  - Competition and Threats to Training Space
  - Complexity and Multi-Dimensional Aspects
  - Fiscal Realities
  - Planning under Risk and Uncertainty
- Solutions
  - Be Proactive and Innovative
  - Engage with Stakeholders
  - Understanding the Needs of Your Client
  - Influence vs. Ownership