



Environmental Challenges and the Future for Federal Agencies

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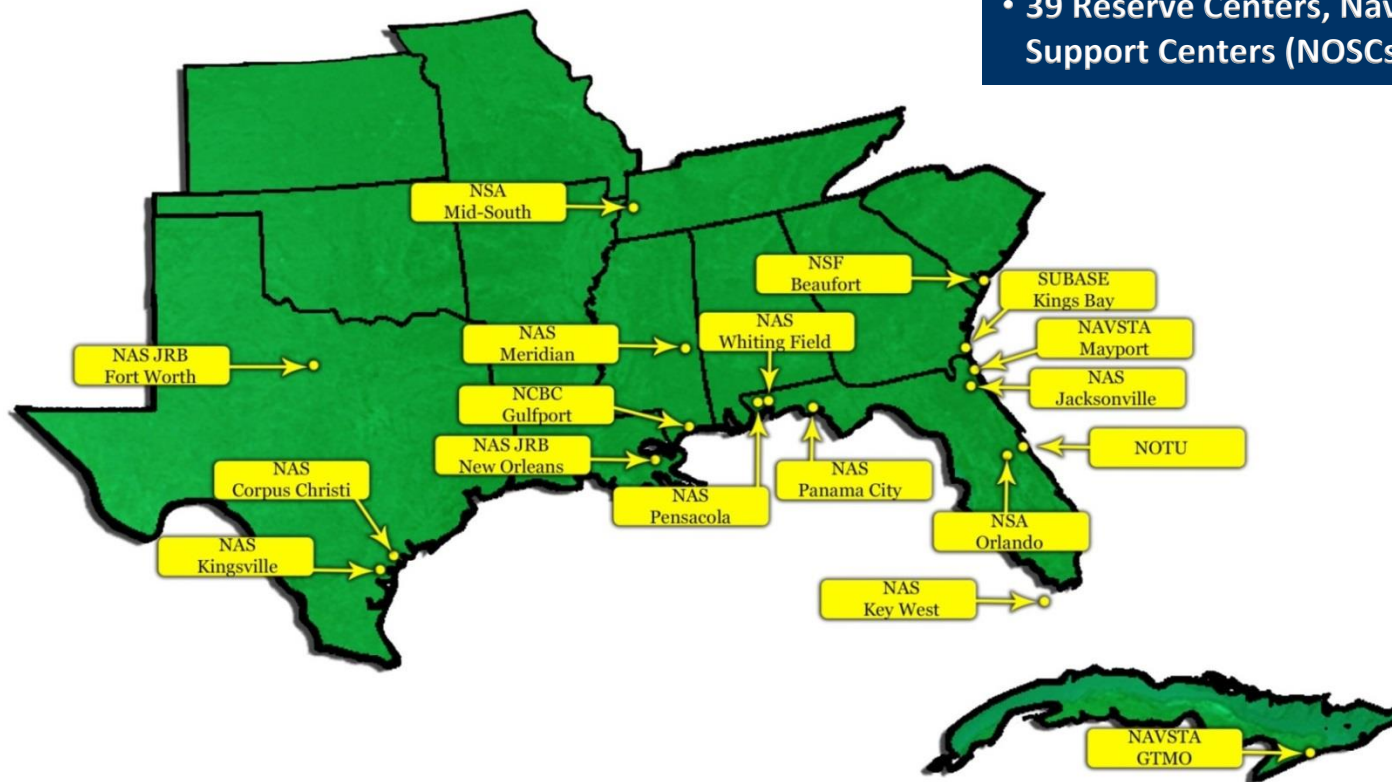
SAME Conference

30 August 2017

Navy Region Southeast Installations



- 18 Installations
- 175 Special Use Areas
- 39 Reserve Centers, Navy Operations Support Centers (NOSCs)



Scope of Footprint in the SE



People

- 10,399 Installation Personnel
 - 3,763 Uniformed
 - 6,233 Civilian
 - 403 Contractors
- 17,700 Navy Reserves at 39 NOSC's



Facilities

- 18 Installations
- 72 Runways
- 63 Piers & Wharfs
- 6,288 Buildings



Impact

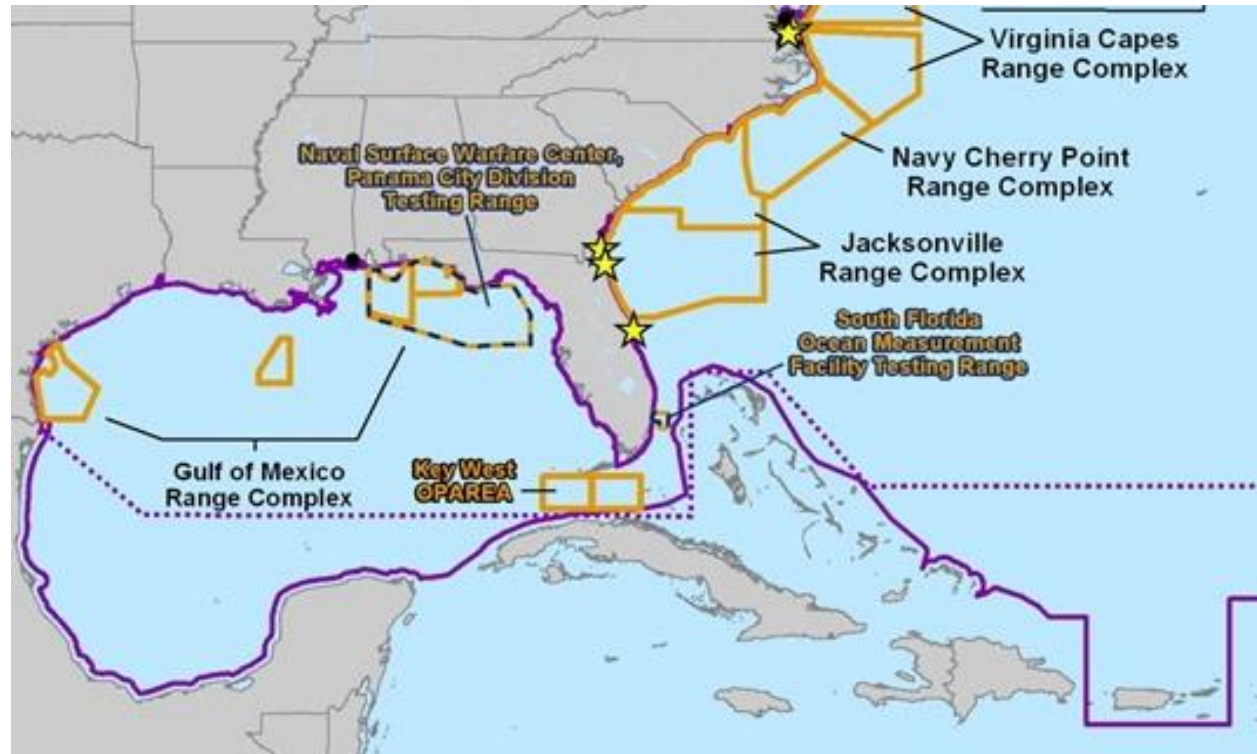
- Total Economic Impact - \$14.6 Billion
- Plant Replacement Value - \$27.8 Billion
- Total Facilities Investments - \$414 Million
- 2013 Expenditures - \$910 Million



Navy Trains in the SE



- Primary Training Location for East Coast U.S. Fleet Forces Units.
- The majority of Naval Aviation school house training is conducted within Southeastern Air Space.
- Systems Command Testing Areas



Primary Users : USFF (Surface, Sub, Air), Naval Air Training Command, Navy Special Warfare, Systems Commands (Naval Sea Systems Command, Naval Aviation Command).

Unique Shore Responsibilities



- **Only Navy Region with CONUS and OCONUS installations, in addition to separate Geographic Combatant Commanders (SOUTHCOM & NORTHCOM)**
- **Navy Component Regional Environmental Coordinator for EPA Regions 4, 6 and 7**
- **Navy Shore On Scene Coordinator for Navy OHS releases within the AOR**
 - **Aircraft crash response and hurricane preparedness**
- **Region with largest number of installations (18)**
- **Member of the Southeast Implementation Team for recovery of the North Atlantic Right Whale in support of USFF**
- **Lead Environmental Component duties for Cuba and The Bahamas**

Environmental Operational Support

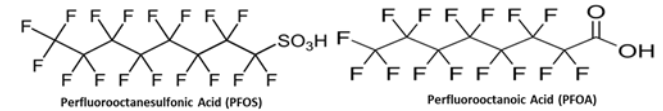


- Supported Operational, Systems, and Training Commands
 - USFF
 - NSWC (Seals)
 - SSP
 - CNATRA
 - SOUTHCOM
 - COMRIVRON
 - Sub Group 10
 - NAVSEA
 - NAVSOUTH/C4F
 - NORTHCOM
 - CPRG
 - NAVAIR
- Supporting the Mission:
 - Environmental Planning Support for testing/training activities (NIPR & SIPR actions) including USFF Production Readiness Board updates
 - Emergency consultations - Endangered Species Act Section 7 consultations
 - Environmental support for Fleet exercises and home porting actions
 - Environmental support for JCS/Navy taskers
 - Range planning and sustainment support



Drinking Water

- Aging Infrastructure
- Lead and other contaminants
- New Overseas Drinking Water Standards
- Emerging Contaminants (PFOS/PFOA)



Challenges



Protection of the Environment

- Storage of POL's and Hazardous Substances
- Management of Regulated Waste
- Storm Water Management
- Emergency Response Preparedness



Challenges



Environmental Conservation

- Prevent designation of critical habitat for endangered species through active management
- Sound in the water consultations for in-water construction
- Proper environmental planning documentation for new operations and construction activities
- BASH program and coordination between USDA biologist and natural resources program manager



Environmental Restoration

- **PFAS (Per- and Polyfluoroalkyl substances) Compounds** from historical use of AFFF.
- **Historical Radiological Assessments (HRA)**
- **Vapor Intrusion Investigations**



- Continued testing for lead in priority areas, such as child care centers and schools
- Remove, dispose and replace legacy AFFF that contains PFC's
- Assess and investigate known AFFF release sites
- Formal program for managing Overseas Drinking water
- Continued Historical Radiological Assessments (HRA)
- Technology (Demonstration projects, UAV's, etc.)
- Strong reliance on plan, brief, execute, debrief

Natural Resource Management Plans

- Agency Land Owners/Partners (USFS, NASA, state fire services, etc).
- INRMP's manage approximately 120,000 acres, which includes approximately 22,000 acres of managed forest lands.
- Currently CNRSE lands and planning includes the conservation management of 34 endangered, 30 threatened, 5 candidate, and 15 petitioned species.



Longleaf Pine Restoration

- Restoration efforts center on reintroducing the species through reforestation, prescribed burning, or timber stand improvement.

Nuisance / Invasive Species Control

- Control of invasive plant species improves training access and realistic training.



Partnerships



- Southeast Regional Partnership for Planning & Sustainability (SERPPAS)
- The Longleaf Alliance
- Southeast Implementation Team (SEIT) for recovery of the North Atlantic Right Whale
- Partners in Flight
- Gopher Tortoise Candidate Conservation Agreement
- Cooperative Ecosystem Studies Unit Network
- Partners in Amphibian and Reptile Conservation
- Governors' South Atlantic Alliance
- Sentinel Landscapes
- Gulf of Mexico Alliance
- National Ocean Policy Planning Bodies, Federal Co-Lead for South Atlantic and Gulf of Mexico
- Formal Partnering with States and EPA (Tier I, II & III)



COOPERATIVE ECOSYSTEM
STUDIES UNITS
NATIONAL NETWORK

Governors'
South Atlantic
Alliance
North Carolina • South Carolina • Georgia • Florida

SENTINEL LANDSCAPES

Teamwork

- DoD
- Contractors
- State & Federal Agencies
- Other Stakeholders



QUESTIONS?