Update on Spatial Use Data to Inform Planning

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Habitats
Biological Resources
Human Use data

https://www.dnr.sc.gov/GIS/gisenergy.html
Some updates to DNR report presented by Bob Van Dolah last time:

Similar effort expanded to include NC, GA, and FL.

Regional thresholds for densities so SC report still most valuable for SC BOEM initiatives.

Some uses data. E.g. VMS shrimp fishing data (figure 10)
Assessment goals
Establish publicly available biological, physical and human-use baseline data and mapping products that can be used to support ongoing coastal and marine resource management actions

Evaluate assessment information and related materials to identify areas, species and natural processes that are critical to the region's ecological integrity and resilience
Coastal Erosion Study w/ USGS Seafloor Mapping

Habitat Mapping Artificial Reef areas

Hydrodynamic Studies (Wind Energy and Modeling)

Boem designated Wind Energy Areas
- Wilmington West
- Wilmington East

Multibeam Survey Area
- McManus Reef Survey Area
- Caudle Reef Survey Area
- Past Wind Buoy Locations
CCU Multibeam Sonar - USACE Regional Sediment Management

Coastal Erosion Study w/ USGS Seafloor Mapping

CCU-SRNL-NREL Advanced Technology for Improving Design Basis of Offshore Wind Energy Platforms
Fiscal Years 2014-2016
Studies Development Plan
Atlantic OCS Region

Environmental Studies Program: Studies Development Plan FY 2014-2016

Region: Atlantic
Planning Area(s): South Atlantic
Title: Acoustic Mapping and Characterization of Sensitive Hardground and Live Bottom Habitat on the Southeastern US Shelf