

APPENDIX A - GIS DATA SETS

Dataset	File Name	Data Type	Source	Description
Annual Mean Speed at 90 m	ga_off_spd90	Grid	AWS	Raster data used to create Wind Maps
Annual Power Density at 90 m	ga_off_pwr90	Grid	AWS	Raster data used to create Wind Maps
Roads	ROADS	Polyline	ESRI	Major roads
Cities	CITIES	Points	ESRI	Cities
Airspace Classifications	classc, calssd,ClassE0,ClassE5	Polygon	Federal Aviation Administration	Airspace classifications as described by the Federal Aviation Administration
Sunken Vessels from the Web	SunkenVessels_web	Points	Georgia Department of Natural Resources	Sunken and derelict vessels
Mean Tidal Power	meanpower	Grid	Georgia Tech's Savannah Campus	Model results from GTSAV
Mean Current	meancurrents	Grid	Georgia Tech's Savannah Campus	Model results from GTSAV
Maximum Tidal Power	maxpower	Grid	Georgia Tech's Savannah Campus	Model results from GTSAV
Maximum Current	maxcurrent	Grid	Georgia Tech's Savannah Campus	Model results from GTSAV
(MMS) OCS Administrative Boundaries (Preliminary)	OCS_adminboundaries	Lines	Minerals Management Service	
Limit of 8(g) Zone	line8g	Lines	Minerals Management Service	Delineaton of zone in which revenues are shared with coastal state(s)
OCS Blocks	OCSblocks	Polygon	Minerals Management Service	Supplemental Outer Continental Shelf block diagrams within the Official Protraction diagram

Official Protraction Diagram	PROTLMT	Polygon	Minerals Management Service	MMS Official Protraction Diagram, which is used to identify planning areas and blocks in the coastal Atlantic region
Coastline	COAST	Polygon	Minerals Management Service	Atlantic region coastline
Deck41 Sample Locations	Deck41_sediments	Points	NOAA National Geophysical Data Center	Seafloor samples
Coastal Bathymetry within the US Territorial Sea	CRelief_subset	Image	NOAA National Ocean Service Hydrographic Data Base	Seafloor depths measured in meters
Coastal Bathymetry within the OCS Planning Boundary (MMS)	CRelief	Image	NOAA National Ocean Service Hydrographic Data Base	Seafloor depths measured in meters
US Territorial Sea	terrsea	Polygon	Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Coast Survey (OCS)	Zone extending 12 miles beyond the shoreline
US Contiguous Zone	contzone	Polygon	Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Coast Survey (OCS)	Zone extending 24 miles beyond the shoreline

US Federal State Waters	3nmline	Polygon	Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Coast Survey (OCS)	Zone extending 3 miles beyond the shoreline
Exclusive Economic Zone	fedwaters_200miles	Polygon	Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Coast Survey (OCS)	Exclusive Economic Zone, extends 200 miles beyond the Georgia shoreline
National Wildlife Refuges	NationalWildlifeRefuge	Polygon	NOAA Coastal Services Center, originator - US Fish and Wildlife Service	National parks, reserves, and managed areas
Major Shipping Routes	Harbor_Fairway (modified) (original file is named APPROACH_HARBOR_FAIRWY_poly)	Lines	NOAA Electronic Navigational Charts	Passage for ships to enter and leave
Hurricane Tracks	atl_hurtrack	Lines	NOAA National Hurricane Center	Depressions, storms, and hurricanes from 1851-2008
Salinity	salinity_temperature	Points	NOAA Ocean Data View	Recorded salinity measurements
Salinity Observations for 1978	s_surf_1978	Points	NOAA Ocean Data View	Recorded salinity measurements for 1978
Salinity Grid for 1978	s_surf_1978_grid	Grid	NOAA Ocean Data View	1978 salinity raster file generated from the salinity_temperature points shapefile
Salinity Contours for 1978	s_surf_1978_contours	Lines	NOAA Ocean Data View	1978 salinity contours generated from the salinity grid
Water Temperature	salinity_temperature	Points	NOAA Ocean Data View	Recorded water temperatures
Water Temperature Observations for 1977	t_surf_1977	Points	NOAA Ocean Data View	Recorded water temperatures for 1977

Water Temperature Grid for 1977	t_surf_1977_grid	Grid	NOAA Ocean Data View	1977 water temperature raster file generated from the salinity_temperature points shapefile
Water Temperature Contours for 1977	t_surf_1977_contours	Lines	NOAA Ocean Data View	1977 water temperature contours generated from the water temperature grid
Restricted Area	COASTAL_RESARE_poly	Polygon	NOAA Office of Coast Survey	Federally identified restricted areas
Military Practice Area	COASTAL_MIPARE_POLYGON_poly	Polygon	NOAA Office of Coast Survey	Military exercise areas
Dumping Grounds	COASTAL_DMPGRD_POLYGON_poly	Polygon	NOAA Office of Coast Survey	Areas in which hazardous materials or dredged materials are disposed
Wrecks and Obstructions	wreacksandobstructions	Points	NOAA Office of Coast Survey, Automated Wreck and Obstruction Information System	Sunken and derelict vessels
SABSOON Towers	sabsoon_points	Points	Skidaway Institute of Oceanography	Data collection and monitoring sites
Special Management Zones	SMZ	Polygon	South Atlantic Fishery Management Council	Areas which limit the use of potential habitat-damaging gears
Shrimp EFH-HAPC	Shrimp_EH_geo	Polygon	South Atlantic Fishery Management Council	Vulnerable shrimp degradation areas
Shipping Routes (National Waterways Network)	Shipping Routes	Lines	South Atlantic Fishery Management Council	Shipping routes
Sargassum Restrictions	Sargassum_rules_geo2	Polygon	South Atlantic Fishery Management Council	Areas in which the harvesting of sargassum has been restricted
Fish Traps And Roller Rig Trawl Restrictions	RollerRig_geo2	Polygon	South Atlantic Fishery Management Council	Areas that have restrictions on the use of fish traps and roller rig trawls
Right Whale Southern Critical Habitat	rightwhale	Lines	South Atlantic Fishery Management Council	Protected right whale habitat
Proposed Deepwater Lophelia Coral HAPCs	PROP_DC_GEO8_AREA	Polygon	South Atlantic Fishery Management Council	Proposed deepwater lophelia coral areas of concern

Marine Protected Areas	MarineProtectedArea	Polygon	South Atlantic Fishery Management Council	Marine protected areas as defined by various government entities
Marine Managed Areas	marine_managed_areas_ply_GCS	Polygon	South Atlantic Fishery Management Council	Federally managed areas
Artificial Reefs	gascreefs	Polygon	South Atlantic Fishery Management Council	Manmade reefs
Bottom Longlines Restrictions	BtmLngLn_geo2	Polygon	South Atlantic Fishery Management Council	Restricted use of bottom longlines to protect habitats
Spiny Lobster	_spinylobster_merge_Dslv_20081105	Polygon	South Atlantic Fishery Management Council	Generalized boundary of essential fish habitat of spiny lobster
Snapper Grouper	_snappergrouper_merge_Dslv	Polygon	South Atlantic Fishery Management Council	Generalized boundary of essential fish habitat of snapper grouper
Shrimp EFH	_shrimp_merge_Dslv	Polygon	South Atlantic Fishery Management Council	Areas of essential fish habitats of shrimp as described in the Final Habitat Plan for the South Atlantic Region
Golden Crab	_gc_goldencrab_Dslv	Polygon	South Atlantic Fishery Management Council	Designed golden crab essential fish habitat-areas of particular concern
Coral Reefs and Live Hard Bottoms	_coralhb_merge_Dslv	Polygon	South Atlantic Fishery Management Council	Corals, coral reefs, and live hard bottoms
Coastal Migratory Pelagics	_comigpelagics_merge_Dslv	Polygon	South Atlantic Fishery Management Council	Regulated areas that control the fishing of certain fish
SECOORA Observation Stations	SECOORA_Stations	Points	Southeast Coastal Ocean Observing Regional Association	Data collection and monitoring sites
Substations	Substations	Points	Southern Winds Report (2007)	Georgia Power substations
Continental Margin Mapping	conmapsg	Polygon	USGS	Seafloor samples categorized by grain size
State Boundaries	r4states	Polygon	US Census Bureau	State boundaries
Counties	r4county	Polygon	US Census Bureau	County boundaries
Coastal GA Counties	CoastalCounties	Polygon	US Census Bureau	Coastal GA county boundaries