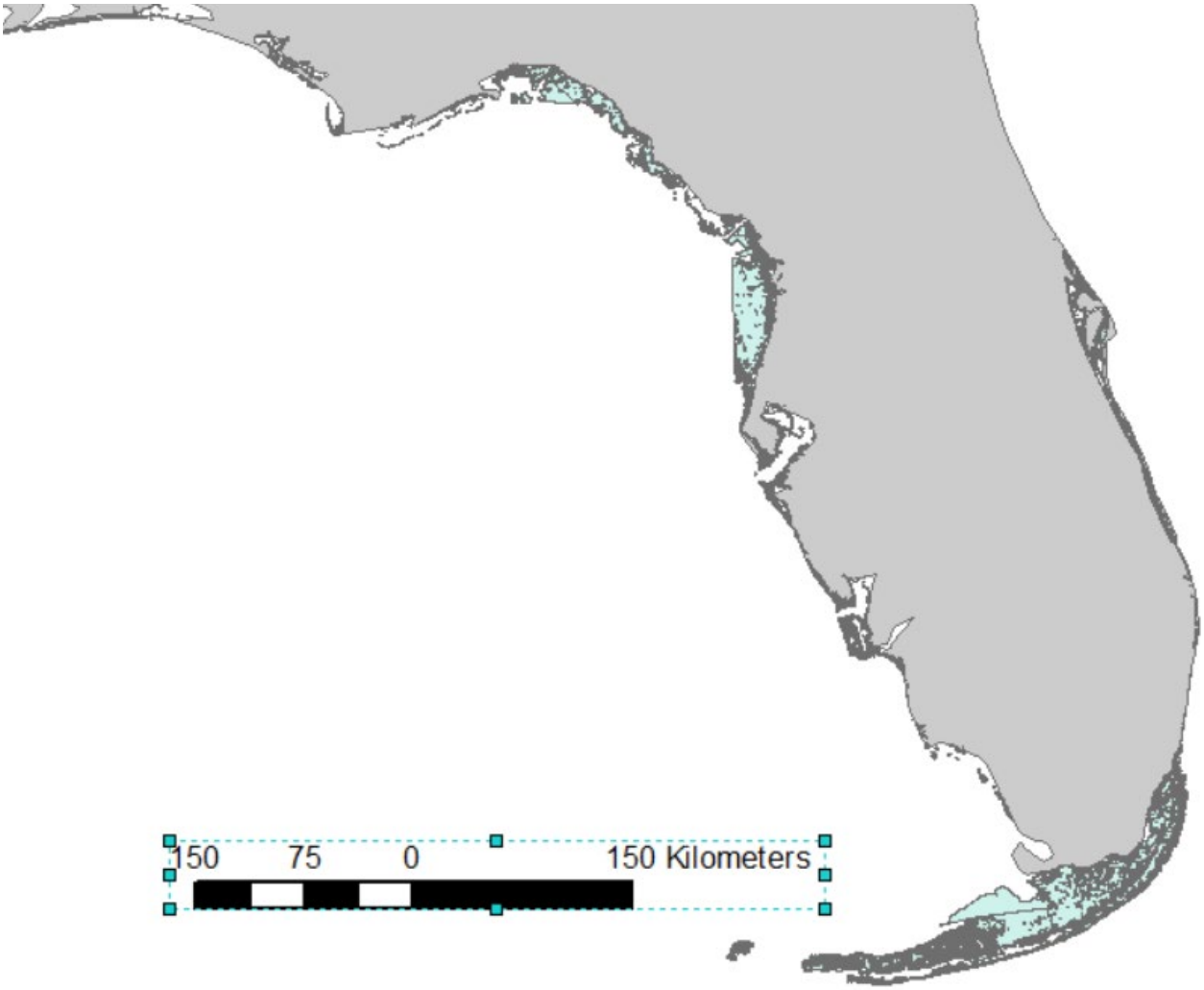
Sea grass

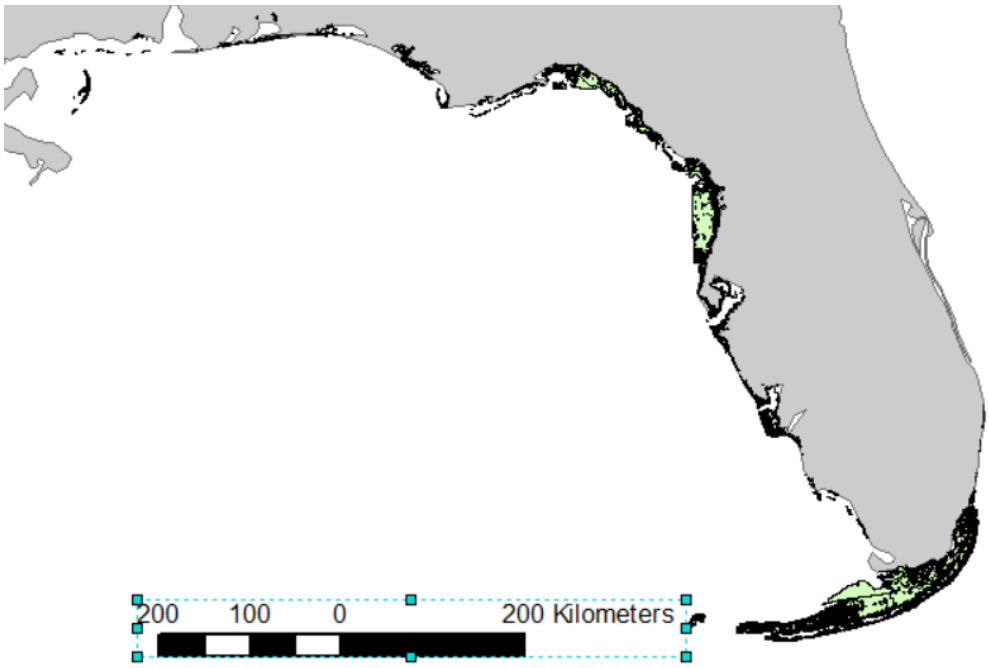
1. Sea grass habitat in Florida

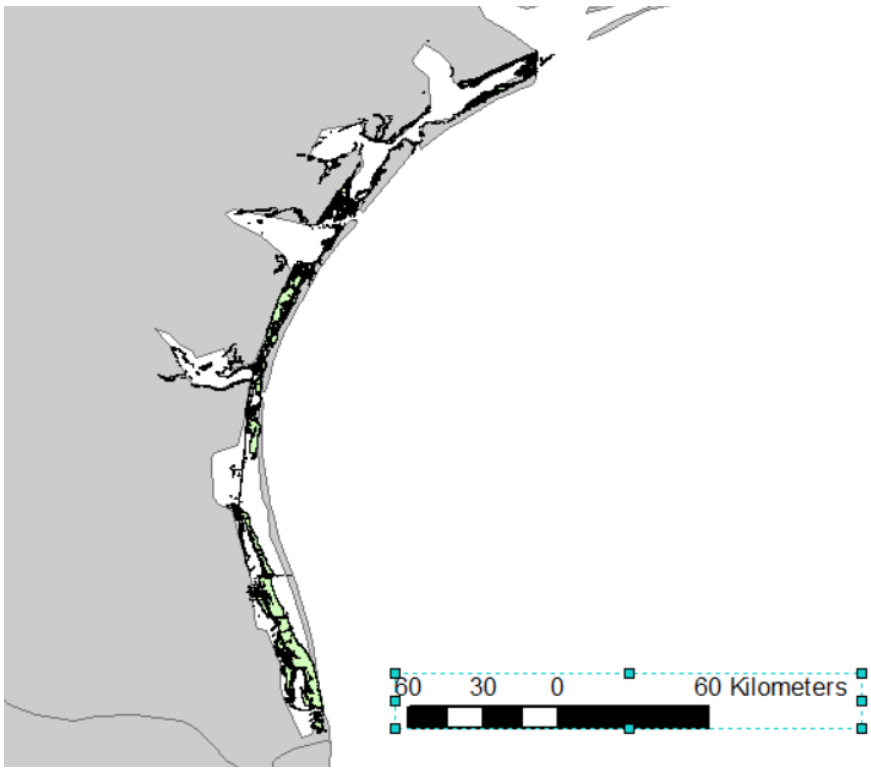
This polygon GIS data set represents a compilation of statewide seagrass data from various source agencies and scales. The data were mapped from sources ranging in date from 1987 to 2010. Not all data in this compilation are mapped from photography; some are the results of field measurements. Council staff will look to see if more updated layer has been made available from FWC-FWRI.



2. Gulf-wide sea grass habitat collected through Commission for Environmental Conservation Blue Carbon in 2015 mostly in FL, AL, and TX. Council staff will retrieve more updated files here:

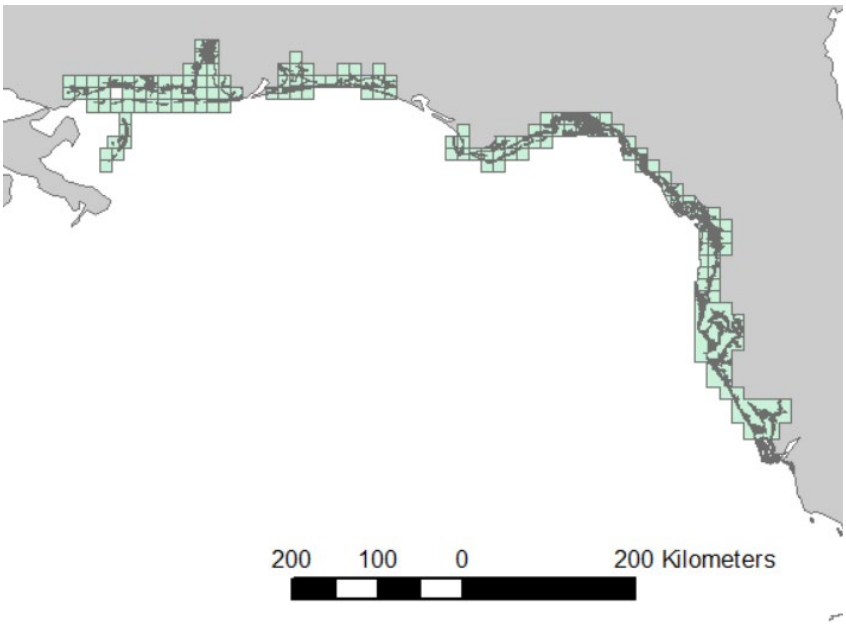
http://www.cec.org/north-american-environmental-atlas/north-american-blue-carbon-2021/

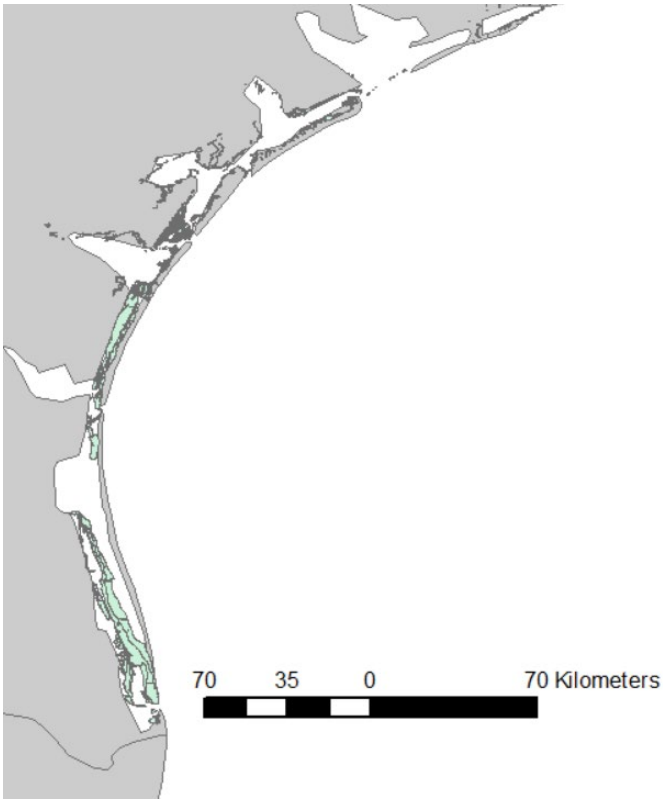




3. Gulf-wide seagrass layer from NOAA Data Atlas up to 2013. Layers include data from FL, AL, MS, and TX. Data download obtained from:

http://www.ncddc.noaa.gov/website/DataAtlas/atlas.htm, representing seagrasses around the Gulf Coast

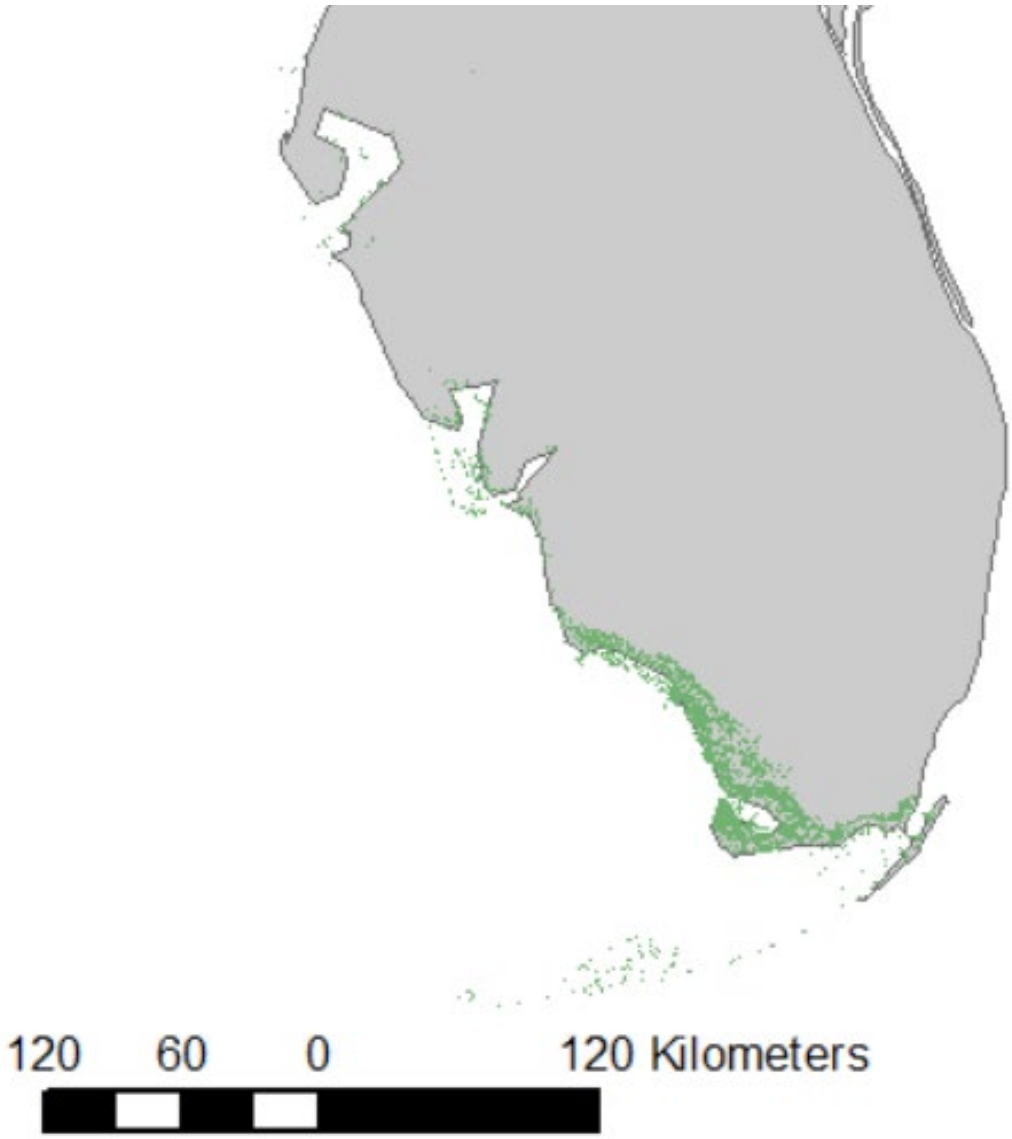




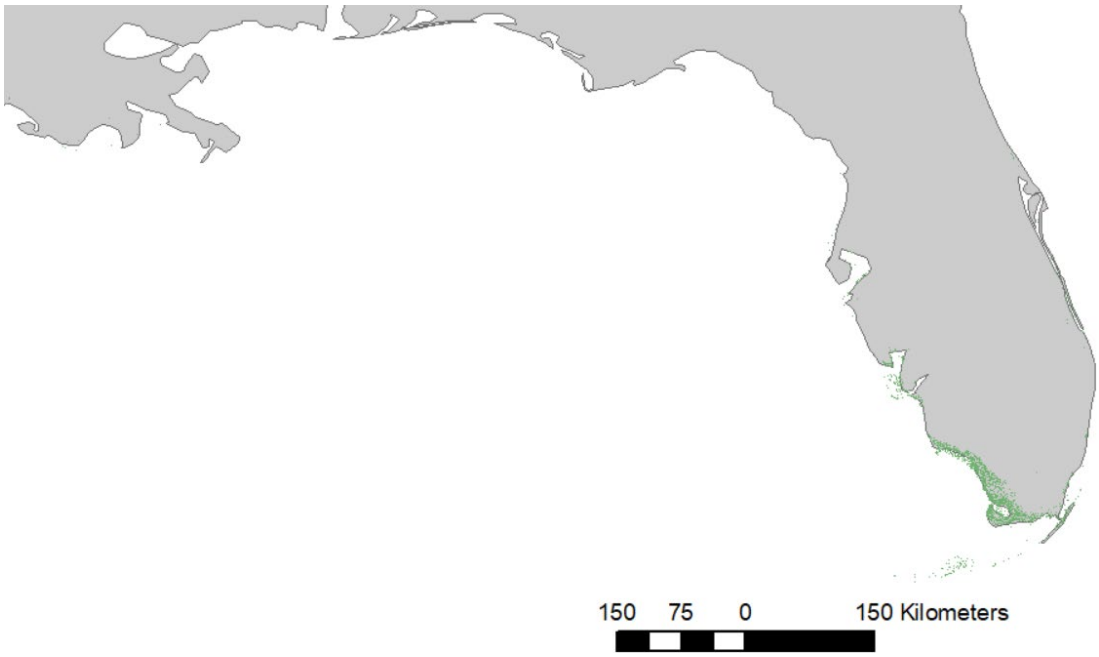
Mangroves

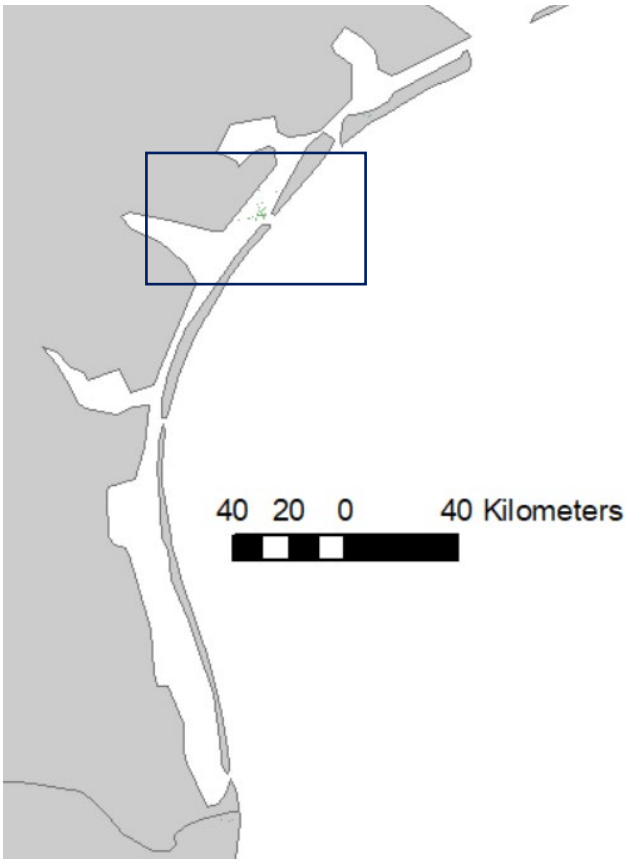
1. Mangrove habitat data from FL obtained from the NOAA Gulf Data Atlas. Data updated to 2013.

   http://www.ncddc.noaa.gov/website/DataAtlas/atlas.htm



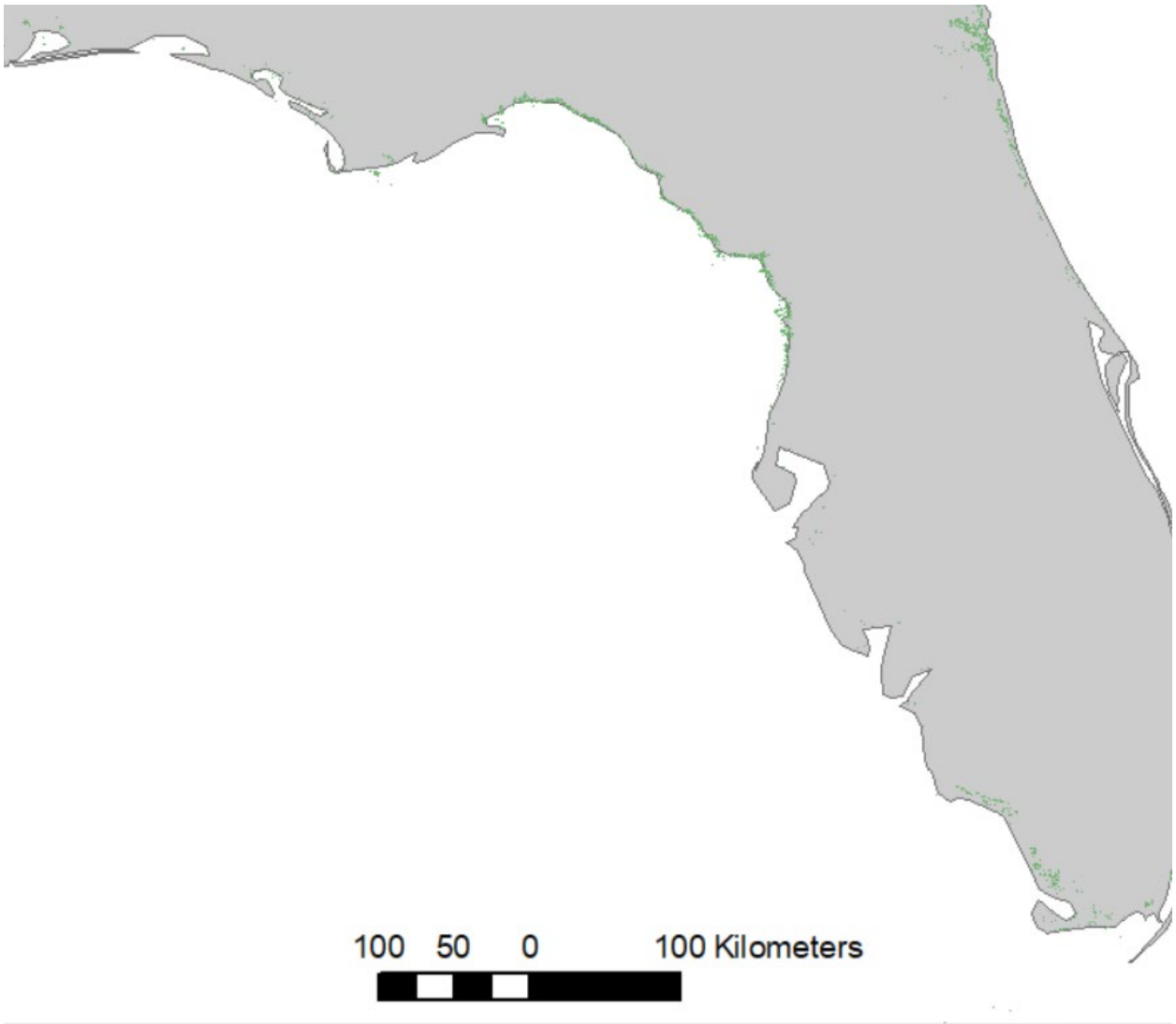
2. Gulf-wide mangrove habitat collected through Commission for Environmental Conservation Blue Carbon in 2015 (See Sea grass section for webpage). Data collected from FL, LA, and TX.



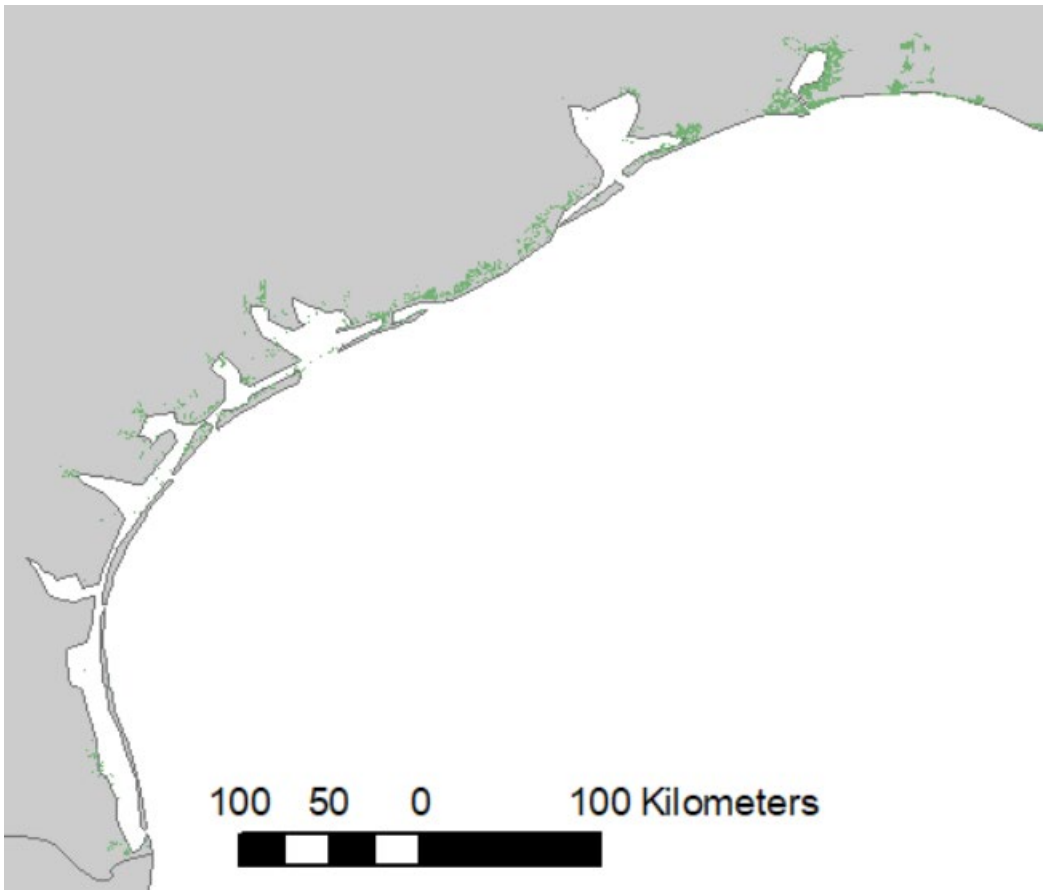


Saltmarsh

1. Gulf-wide saltmarsh habitat collected through Commission for Environmental Conservation Blue Carbon in 2015 (See Sea grass section for webpage).



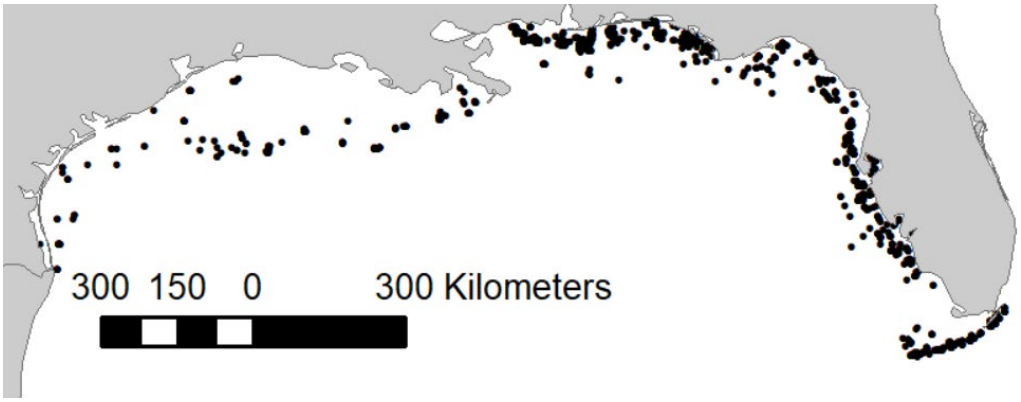
100 50 0 100 Kilometers


100 50 0 100 Kilometers

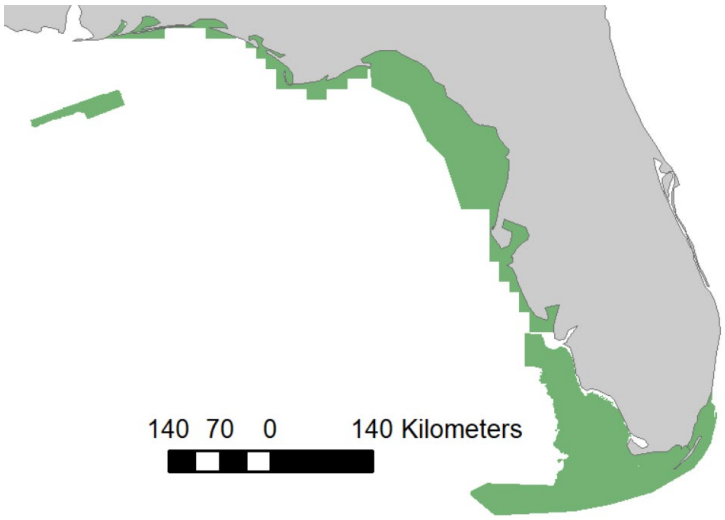
Sand/shell/soft bottom

1. These data were obtained from the Sheridan and Caldwell GOM Dataset CD-ROM (Pre-release Version) in 2004. The NMFS 21 zones were acquired from the Sheridan and Caldwell GOM Dataset CD-ROM (Pre-release Version). The NMFS 21 Zones were edited to incorporate the estuarine environment. Each NMFS zone boundary was extended onto land, following the pre-existing direction of the previous boundary. These extensions onto land do not necessarily represent the exact boundaries of the NMFS zones. These boundaries were modified for use within this project only. The shoreline is a gulf wide shoreline that was dissolved to show State boundaries. Water polygons were deleted from these data prior to dissolving to help represent water in the final mapping process. The original dataset from FMRI contains county boundaries. Additional Sediment Data was derived from the Digitization of the NOAA Atlas: however, the Detailed Sediments of the Gulf of Mexico was not incorporated into any of the analysis, and therefore, this dataset was not updated to reflect the new sediment information gathered.

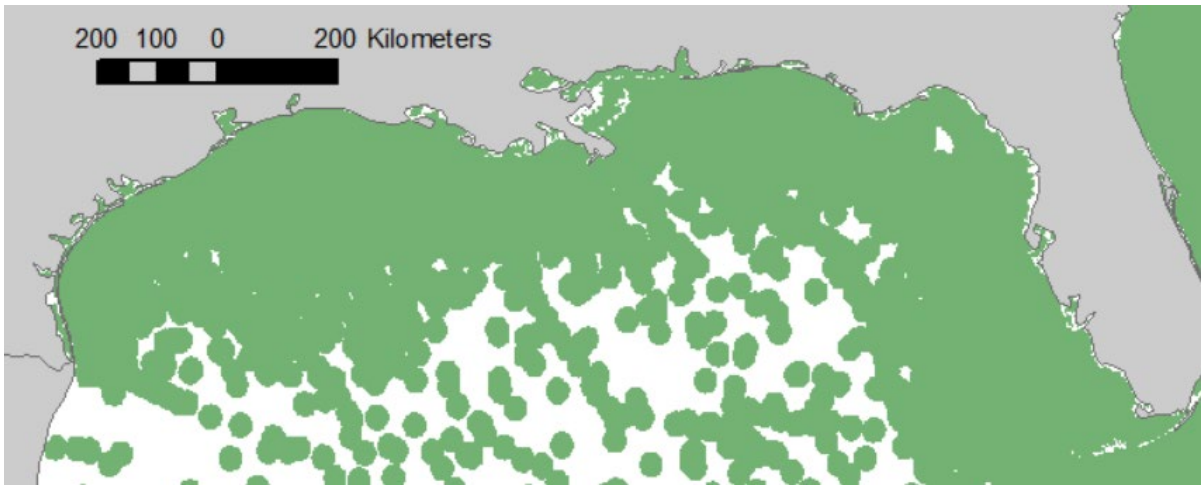
Sand/shell



Soft bottom

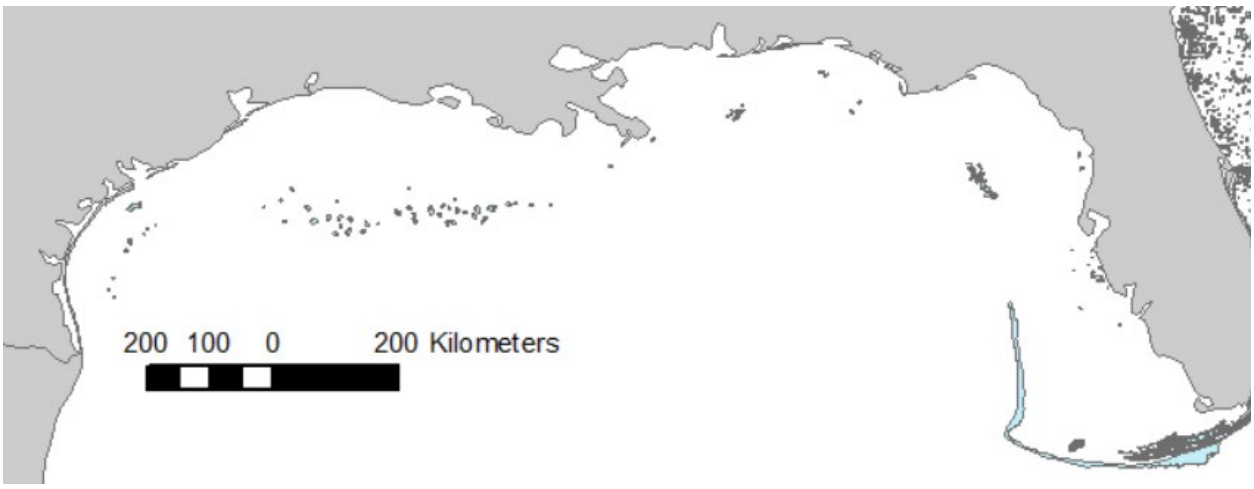


2. Published in 2011 by INSTAAR, University of Colorado, this data set represents numerous observations of benthic substrate (sand, rock, gravel) collect in the Gulf over many years and represented as gridded digital data polygons.



Coral hard bottom

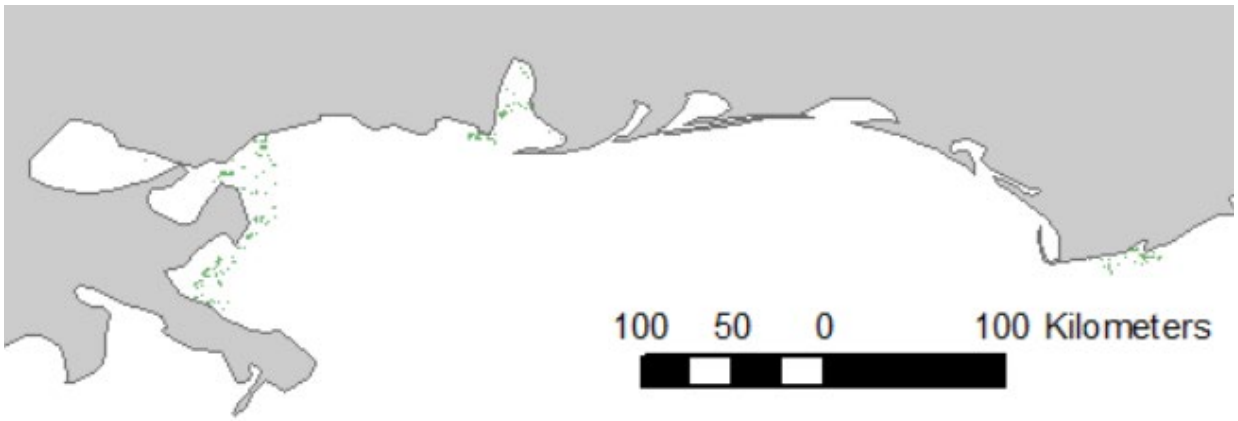
1. FWC-FWRI coral hard bottom data. This GIS data set represents coral and other hard bottom type data available to FWRI as of July 2010. The extent and resolution of source data sets varies. This is not intended to be a comprehensive survey - data gaps do exist. Sliver polygons also exist due to differences in overlapping study areas, as well as some present in the source data sets. Worm and oyster reefs are not included in this compilation. See separate data sets for worm and oyster reefs.

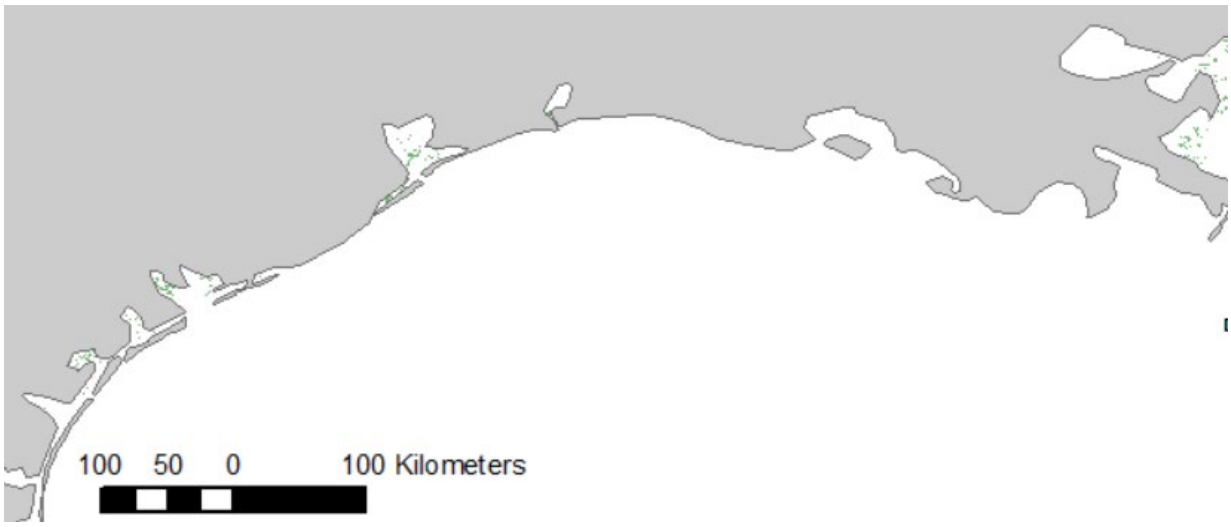


Oyster reef

1. Gulf-wide oyster data layer with no associated metadata. Council staff will likely update this layer using the NOAA data Atlas for eastern oyster here:

   https://www.ncei.noaa.gov/maps/gulf-data-atlas/atlas.htm





Reefs

1. Council staff will update layers for coral locations using: https://portal.gulfcouncil.org/ESACoralDB.html
2. Council staff will update layers for coral reefs based in designated habitat areas of particular concern described here: https://portal.gulfcouncil.org/coral9