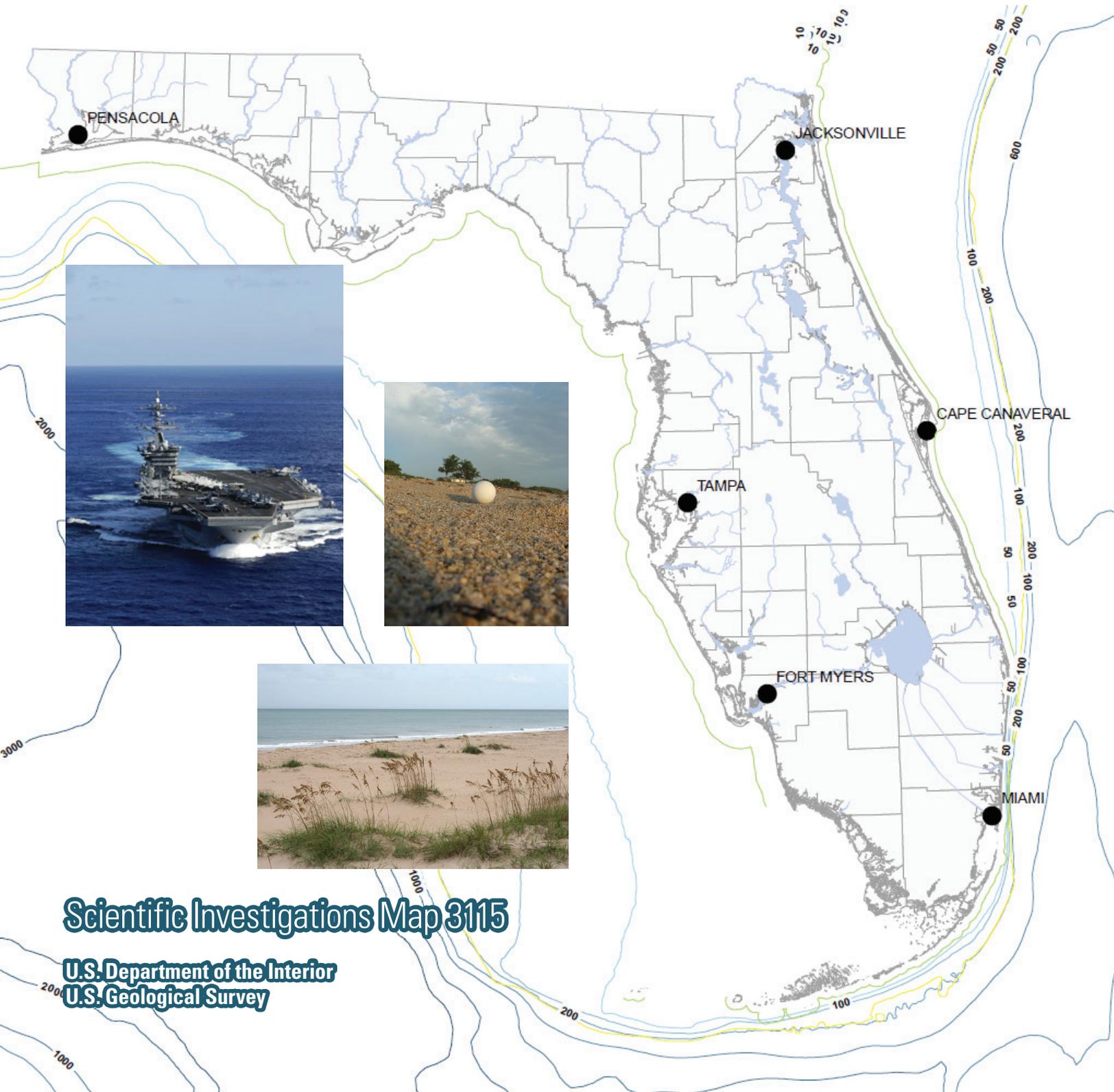


**U.S. Geological Survey Terrestrial, Freshwater and Marine Ecosystem Program**

# **Geospatial Characteristics of Florida's Coastal and Offshore Environments: Administrative and Political Boundaries and Offshore Sand Resources**



**Scientific Investigations Map 3115**

**U.S. Department of the Interior  
U.S. Geological Survey**

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By Amanda W.J. Demopoulos, Ann M. Foster, Michal L. Jones, and Daniel J. Gualtieri

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**U.S. Geological Survey**  
Marcia K. McNutt, Director

U.S. Geological Survey, Reston, Virginia: 2011

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# Geospatial Characteristics of Florida's Coastal and Offshore Environments: Administrative and Political Boundaries and Offshore Sand Resources

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## Introduction

The Geospatial Characteristics GeoPDF of Florida's Coastal and Offshore Environments is comprehensive collection of geospatial data describing the political and natural resources of Florida. This interactive map provides spatial information on bathymetry, sand resources, military areas, marine protected areas, cultural resources, locations of submerged cables, and shipping routes.

The map should be useful to coastal resource managers and others interested in the administrative and political boundaries of Florida's coastal and offshore region. In particular, as oil and gas explorations continue to expand, the map may be used to explore information regarding sensitive areas and resources in the State of Florida.

Users of this geospatial database will find that they have access to synthesized information in a variety of scientific disciplines concerning Florida's coastal zone. This powerful tool provides a one-stop assembly of data that can be tailored to fit the needs of many natural resource managers.

The map was originally developed to assist the Bureau of Ocean Energy Management, Regulation, and Enforcement (BOEMRE) and coastal resources managers with planning beach restoration projects. The BOEMRE uses a systematic approach in planning the development of submerged lands of the Continental Shelf seaward of Florida's territorial waters. Such development, of course, may affect the environment. BOEMRE is required to ascertain the existing physical, biological, and socioeconomic conditions of the submerged lands and estimate the impact of developing these lands.

Data sources included the National Oceanic and Atmospheric Administration, BOEMRE, Florida Department of Environmental Protection, Florida Geographic Data Library, Florida Fish and Wildlife Conservation Commission, Florida Natural Areas Inventory, and the State of Florida, Bureau of Archeological Research. Federal Geographic Data Committee (FGDC) compliant metadata are provided as attached xml files for all GIS layers.

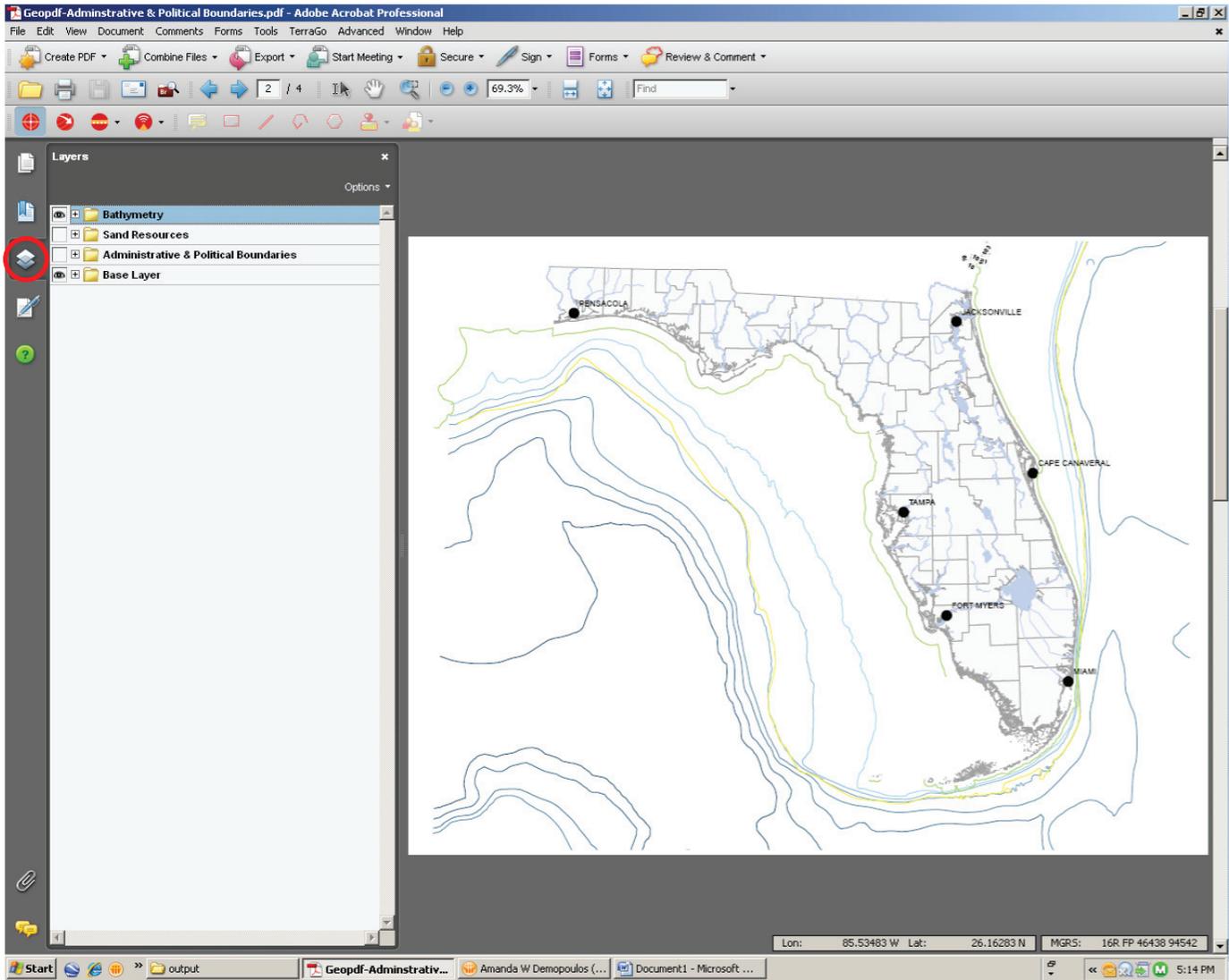
## Acknowledgments

The U.S. Geological Survey Terrestrial, Freshwater, and Marine Ecosystem Program provided funding for this publication. Metadata included within the GeoPDF credit the various data sources used to create the interactive map.

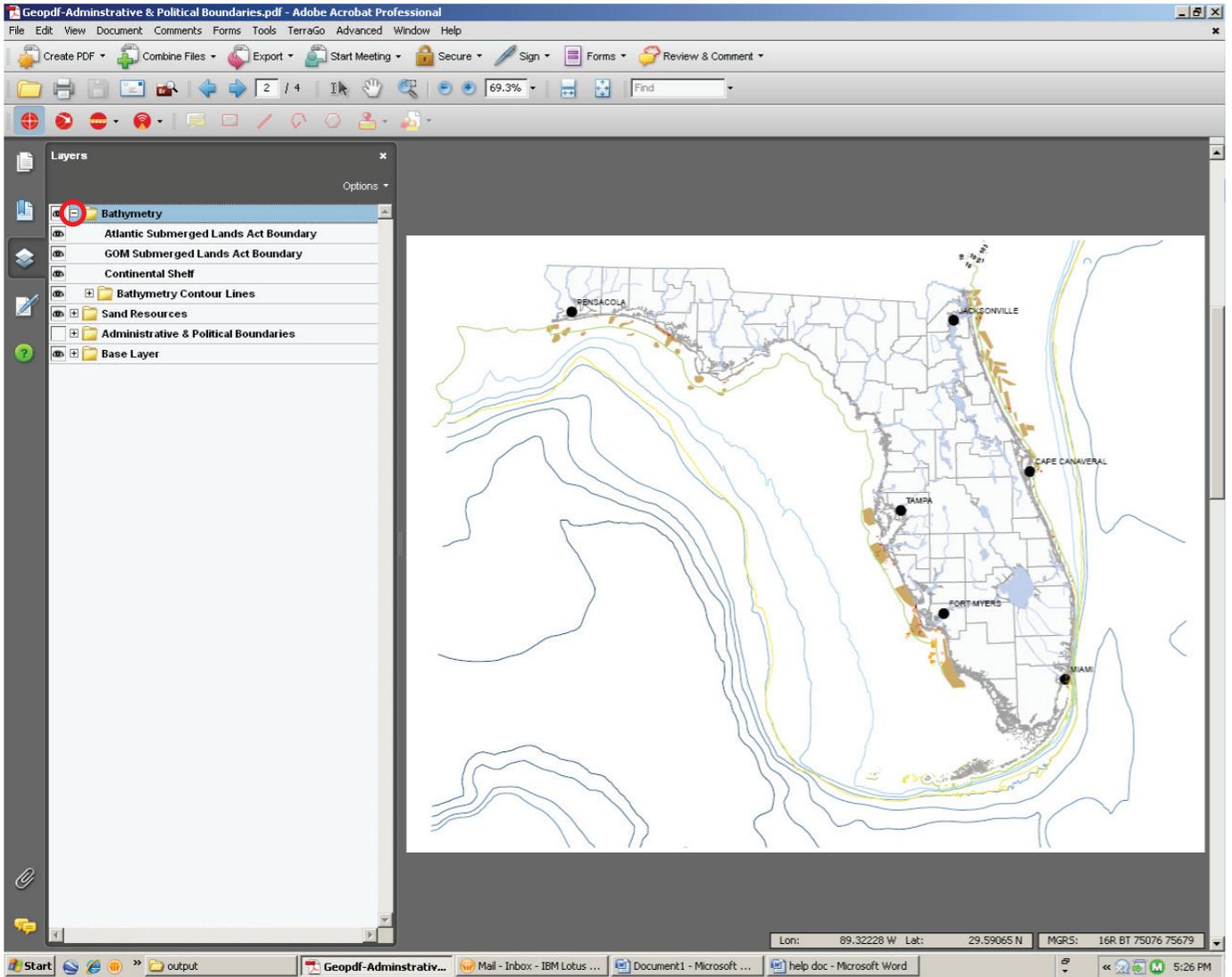
# Readme First: GeoPDF Navigation Information

In order to ensure full GeoPDF functionality, please download the toolbar found at [www.terragatech.com/products/terrigo-toolbar](http://www.terragatech.com/products/terrigo-toolbar). The project description is found on page 1. In order to navigate to the map layers please follow the directions below. The map legends are found on pages 6 and 7.

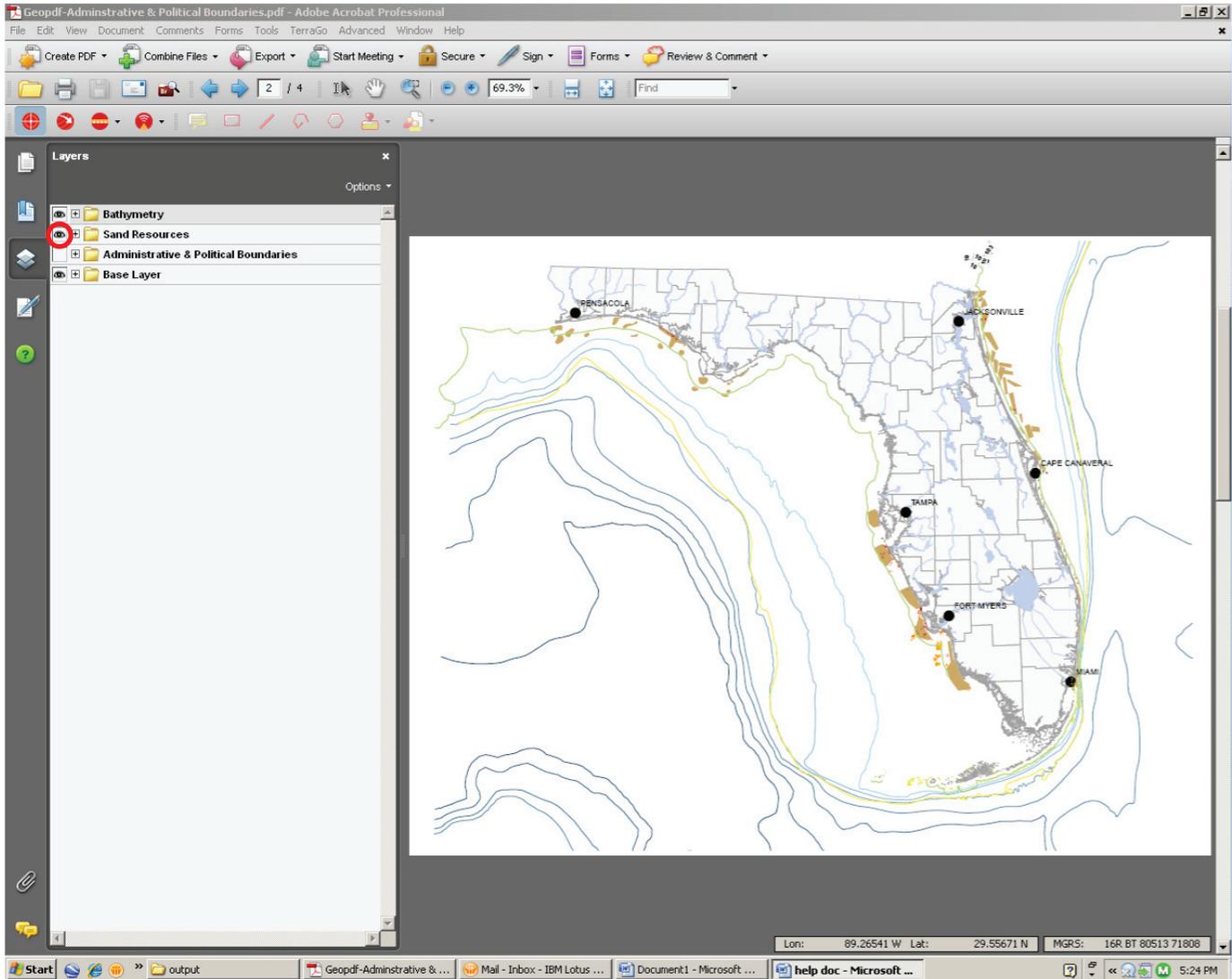
Scroll down to the map of Florida located on page 5, then click on the stacked diamonds symbol located on the left hand side of the screen (see red circle below).

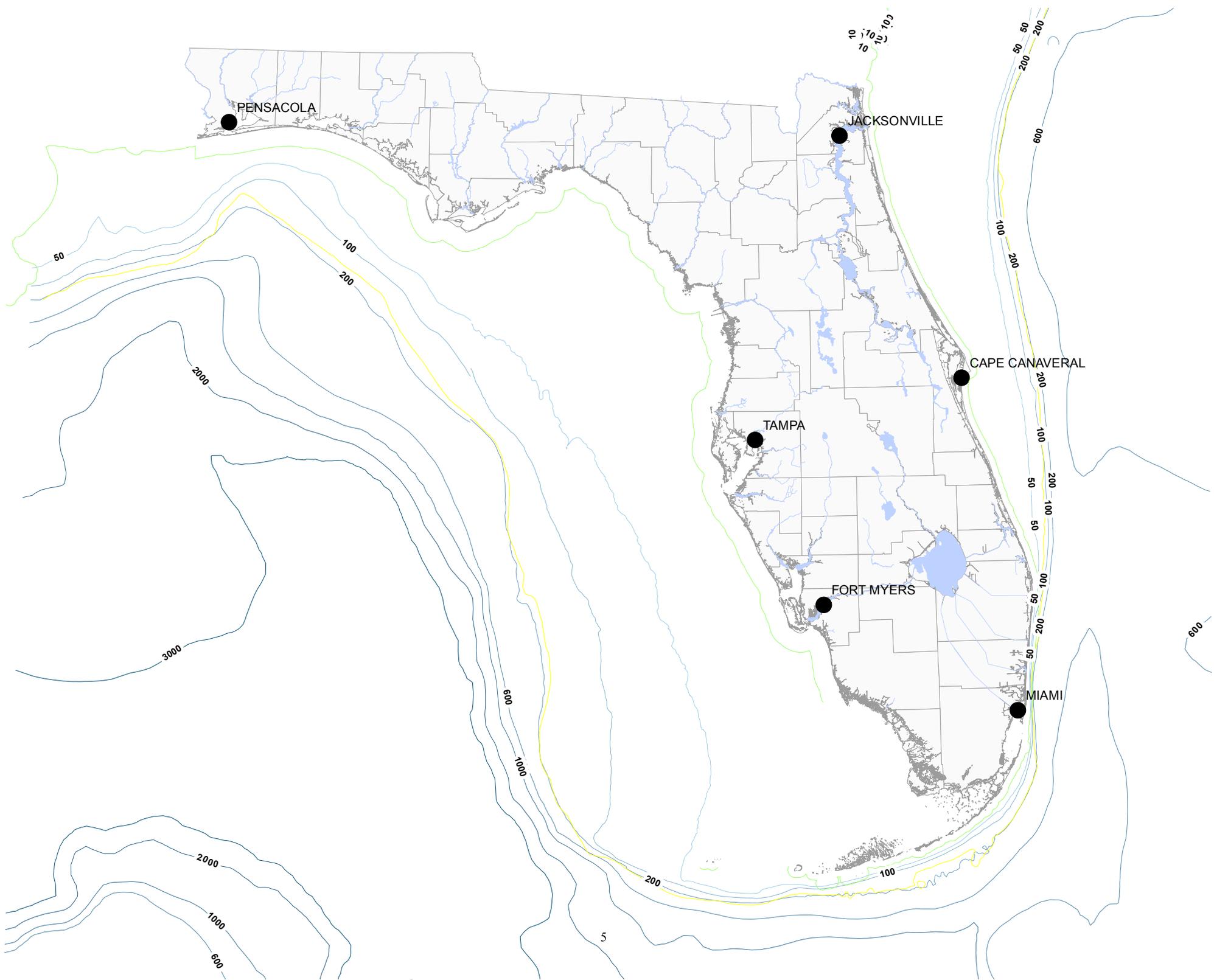


To expand the layers, click on the plus (+) sign (see red circle below).



In order to select layers or make them visible, click on the square located next to each layer. An eye will appear when the layer is selected, as shown below (see red circle below).





## Base, Bathymetry & Sand Resources



## Administrative & Political Boundaries

-  Offshore Cultural Resources
-  Approach Harbor Submerged Cables
-  Shipping Routes
-  Offshore Military Practice Areas
-  FL DEPT. OF MILITARY AFFAIRS
-  US DEPT. OF DEFENSE, AIR FORCE
-  US DEPT. OF DEFENSE, NAVY
-  US DEPT. OF TRANSPORTATION, COAST GUARD

## Marine Protected Areas

### Jurisdiction, Fishing Restrictions

-  Federal, All Fishing Prohibited
-  Federal, Commercial Fishing Prohibited
-  Federal, All Fishing Restricted
-  Federal, Commercial Fishing Restricted
-  Partnership, Commercial Fishing Prohibited
-  Partnership, All Fishing Restricted
-  Partnership, Recreational Fishing Restricted
-  State, All Fishing Prohibited
-  State, Commercial Fishing Prohibited
-  State, All Fishing Restricted
-  State, Commercial Fishing Restricted