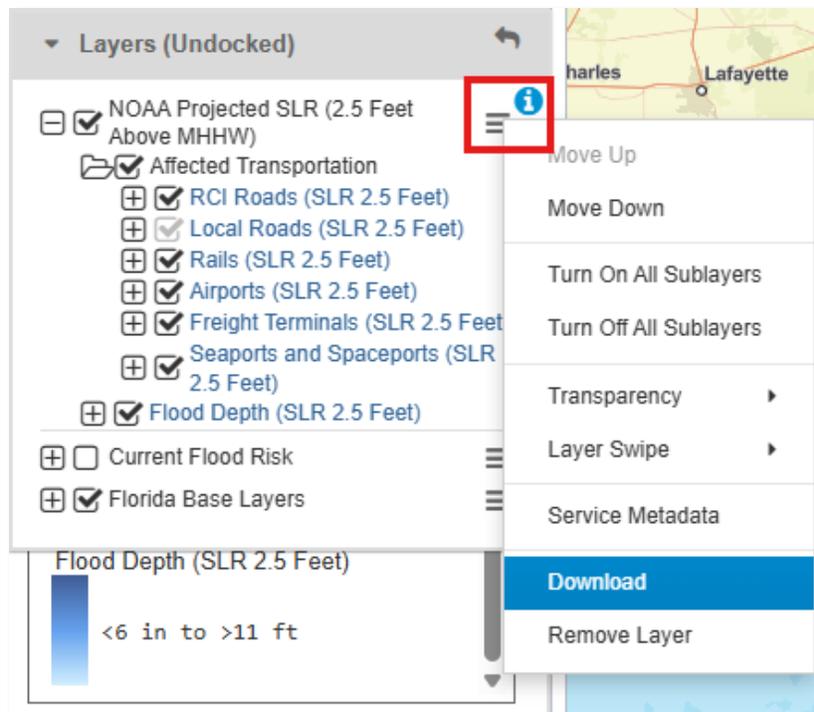# Map Packages Data Layers Guide:
SLR Scenario Data

Sea Level Scenario Sketch Planning Tool, Version 4, December 2025

This document describes how to download map packages from the Sea Level Scenario Sketch Planning Tool map viewer and describes the GIS data included in the map package downloads.

The map packages (.mpkx) contain a map document and the data referenced by the layers it contains, packaged into one convenient, portable file. The map packages were created with ArcGIS Pro 3.6 and can be accessed using ArcGIS Pro versions 3.0 and up.

How to Download Map Packages

1. In the Map Viewer, click on the Layer Controls menu (the icon with three horizontal bars).
2. Click on "Download". Save zip file to desired location.

3. Unzip/extract the downloaded file.

4. Open the map package in ArcGIS Pro.

Data Layers Included in the Map Packages

SLR Scenario Data Layers Map Package

If you download an SLR Scenario Map Package, then each download contains seven GIS data layers. These layers are specific to the SLR scenario downloaded. There are a total of 20 SLR scenarios in the map viewer, and hence 20 individual map packages that can be downloaded.

For explanation of attributes, please see the metadata included with each data layer.

To view the layer's metadata in ArcGIS Pro: in the Table of Contents:
>   Right Click on Layer Name, Select View Metadata

SLR Scenario Data Layers

Affected Transportation
RCI Roads

Segments of roadways affected under the selected SLR scenario. Roads data from Florida Dept of Transportation (FDOT) Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

Affected Transportation
Local Roads

Segments of local roadways affected under the selected SLR scenario. Roads data from U.S. Census Bureau TIGER/Line database, December 2023; analysis by UF GeoPlan, September 2025.

Affected Transportation
Rails

Segments of railways affected under the selected SLR scenario. Rails data from Florida Dept of Transportation (FDOT) Strategic Intermodal System (SIS), January 2025, and Freight and Rail Office (FRO), January 2024; analysis by UF GeoPlan, September 2025.

Affected Transportation
Airports

Acres and percentage of airports affected under the selected SLR scenario. Airport data from the Florida Dept of Transportation (FDOT) Strategic Intermodal System (SIS), January 2025, the US Bureau of Transportation Statistics (BTS), August/November 2024, and UF GeoPlan, September 2025; analysis by UF GeoPlan, September 2025.

Affected Transportation
Freight Terminals

Acres and percentage of freight terminals affected under the selected SLR scenario. Freight terminal data from Florida Dept of Transportation (FDOT) Strategic Intermodal System (SIS), January 2025, and UF GeoPlan, September 2025; analysis by UF GeoPlan, September 2025.

Affected Transportation
Seaports and Spaceports

Acres and percentage of seaports and spaceports affected under the selected SLR scenario. Seaport data from Florida Dept of Transportation (FDOT) Strategic Intermodal System (SIS), January 2025, and UF GeoPlan, September 2025; analysis by UF GeoPlan, September 2025.

N/A
Flood Depth

Flood depth associated with projected sea level rise (SLR) over mean higher high water (MHHW). Inundation depth values from the National Oceanic and Atmospheric Administration (NOAA), January 2023; flood depth values reclassified by UF GeoPlan, August 2025.

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