# University of Florida GeoPlan Center
# Technical Training Workshop

**Invitation to Register!**


**The University of Florida GeoPlan Center is offering a technical training workshop on the Sea Level Scenario (SLS) Sketch Planning Tool, a set of publicly accessible GIS tools (sls.geoplan.ufl.edu) intended to help identify transportation infrastructure exposed to current and future flooding.**

**Participants will learn:**

- How to use the recently updated Sea Level Scenario Sketch Planning Tool map viewer;
- Introduction to sea level change concepts and SLR projections from U.S. Army Corps of Engineers (USACE) and National Oceanic and Atmospheric Administration (NOAA);
- How to view current flood risk areas, projected future flood areas from SLR, and affected infrastructure using the map viewer;
- How to download GIS layers of SLR and affected transportation

***Participants will need to bring a laptop or tablet or plan to share.***

**For other workshop locations, see:**
**https://sls.geoplan.ufl.edu/training**

**This workshop is free!**
**But space is limited to 30 per session.**

***Two identical sessions in Fort Lauderdale:***

## Fort Lauderdale Session 1:
## Friday, October 27, 2017
### 8:30AM – 12:00PM

Broward MPO 100 W Cypress Creek Rd
#650, Fort Lauderdale, FL 33309

Click here to register for Session 1

## Fort Lauderdale Session 2:
## Friday, October 27, 2017
### 1:00PM – 4:30PM

Broward MPO 100 W Cypress Creek Rd
#650, Fort Lauderdale, FL 33309

Click here to register for Session 2

***Who Should Attend?*** *MPO/TPO/TPA staff, Regional Planning Council staff, and county or municipal staff and community partners involved in transportation planning, coastal resiliency efforts, and GIS and mapping.*

For more information, contact Crystal Goodison: goody@geoplan.ufl.edu

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# About the Sea Level Scenario Sketch Planning Tool

The purpose of the Sea Level Scenario (SLS) Sketch Planning Tool is to help identify transportation infrastructure vulnerable to current and future flood risks. The tool analyzes and visualizes current flood risks (100-year and 500-year floodplains and hurricane storm surge zones) as well as future flood risks using sea level rise (SLR) scenarios from the U.S. Army Corps of Engineers (USACE) and the National Oceanic and Atmospheric Administration (NOAA)/ National Climate Assessment.

The SLS Sketch Planning Tool was created by the University of Florida GeoPlan Center with funding from the Florida Department of Transportation. SLR scenarios were recently updated and a new map viewer was developed for visualizing flood risks and affected transportation facilities. The SLS Sketch Planning tool can assist in understanding how and when future sea level rise may impact the transportation system.

The SLS Sketch Planning Tool includes:
(1) Online map viewer for visualizing current and future flood risk under SLR scenarios and potentially affected transportation infrastructure. (2) GIS data layers of SLR inundation and affected transportation; and (3) ArcMap add-in tool for creating GIS layers of SLR inundation.

# Workshop Agenda

| Session 1 (AM) | Topic | Session 2 (PM) |
|---|---|---|
| 8:30am - 8:45am | Registration/ welcome | 1:00pm - 1:15pm |
| 8:45am - 9:45am | Introductions/ Objectives<br>Background on Sea Level Rise and SLR Projections<br>Overview of Sketch Planning Tool: Methods & Uses<br>Policy Issues<br>Demonstration of Tool Components | 1:15pm - 2:15pm |
| 9:45am - 10:00am | Break | 2:15pm - 2:30pm |
| 10:00am - 10:45am | Hands-on training exercises: Using the online map viewer | 2:30pm - 3:15pm |
| 10:45am - 11:30am | Group exercise: conduct a vulnerability assessment | 3:15pm - 4:00pm |
| 11:30am - 12:00pm | Report out (group exercise findings) and closing | 4:00pm - 4:30pm |

The GeoPlan Center was established in 1984 as a response to local and statewide needs for a teaching and research environment in Geographic Information Systems (GIS). The UF GeoPlan Center works to support land use, transportation, and environmental planning in the State of Florida by providing geospatial and planning expertise, data, training, and education to the stakeholders involved in the planning process. http://www.geoplan.ufl.edu