



Protecting **FLORIDA** Together

Florida Stormwater Association - 2021 Annual Conference

Adam Blalock, Deputy Secretary of Ecosystem Restoration

SB 712 THE CLEAN WATERWAYS ACT



Signed into law on June 30, 2020. Provides wide range of water quality protection provisions aimed at:

- Minimizing the impact of known sources of nutrient pollution.
- Realigning the state's resources to enhance the protection of Florida's environment.
- Strengthening regulatory requirements.

SB 712 RULEMAKING



**ERP
Stormwater Design Criteria**

**Reuse
Wastewater Rules**

**Wastewater Collection
Systems**

**Stormwater 10-2
Permitting**

**Reuse
Drinking Water Rules**

Biosolids

**Grants
SRF and Small Communities**

**Water Quality
Monitoring**

**Wastewater
Facilities**

THE STORMWATER DESIGN AND OPERATION RULE



- Stormwater design.
 - Technical Advisory Council.
- MS4.
- 10/2 Evaluations.
 - Coordination with water management districts.

TWO PHASES REUSE RULE



PHASE I

- Existing rule cleanup.
- NOPR republished in December.

PHASE II

- Potable Reuse Commission recommendations.
- Workshops through session.

ASSUMPTION OF SECTION 404



- EPA Steps:
 - Approved on Dec. 17, 2020.
 - Published in the register on Dec. 22, 2020.
- U.S. Army Corps of Engineers transferred 591 files.
- DEP Activities.



SEA LEVEL IMPACT PROJECTION (SLIP) STUDY

SECTION 161.551, F.S.



- Signed into law on June 29, 2020.
- Effective July 1, 2021, as section 161.551, F.S.
- Applies to state-financed construction in the Coastal Building Zone.
- Requires DEP to develop a standard for a SLIP study.
- SLIP studies will be posted on DEP's website.

SEA LEVEL IMPACT PROJECTION (SLIP) STUDY

TIMELINE



June 29 2020	<ul style="list-style-type: none"> • SB 178 signed by Governor DeSantis
October 2020	<ul style="list-style-type: none"> • SLIP Study Requirements Development
November 2020	<ul style="list-style-type: none"> • Notice of Rule Development • Stakeholder Roundtables
December 2020	<ul style="list-style-type: none"> • SLIP Tool Web Application Mock-up
January 2021	<ul style="list-style-type: none"> • Rule Development Workshop 1 • Incorporation of Comments into Draft Rule Language
February 2021	<ul style="list-style-type: none"> • Refinement of Draft Rule Language • Rule Development Workshop 2
March 2021	<ul style="list-style-type: none"> • Comments due March 1 • Finalize Rule Language
April 2021	<ul style="list-style-type: none"> • Publish Notice of Proposed Rule • File JAPC Package • JAPC Comment Period • Public Hearing if Requested
May 2021	<ul style="list-style-type: none"> • JAPC Comments due by May 20
June 2021	<ul style="list-style-type: none"> • File with Department of State
July 2021	<ul style="list-style-type: none"> • Rule Becomes Effective • Launch of SLIP Tool Web Application



Sea Level Rise Impact Projection Study Tool

Determining risk for Florida coastline construction projects

The purpose of the Sea Level Impact Projection (SLIP) Study Tool is to facilitate the conduction of SLIP studies for state-funded construction within the coastal building zone in accordance with Section 161.551, F.S.



SLIP Studies

Learn more about SLIP Studies and how to create a report using this website

[Continue](#)



Section 161.551, F.S.

Learn more about the Florida statute that mandates SLIP studies.

[Continue](#)



Adaptation

Learn about adaptation strategies for your construction projects.

[Continue](#)



Use the tools below to view base map and coastal flooding spatial data.

SLIP Study Report

Cancel Report

Coastal Flooding

Sea Level Rise

Regional Scenarios

Flood Zones

Storm Surge Flood Depths

High Tide Flooding

Wind Zones

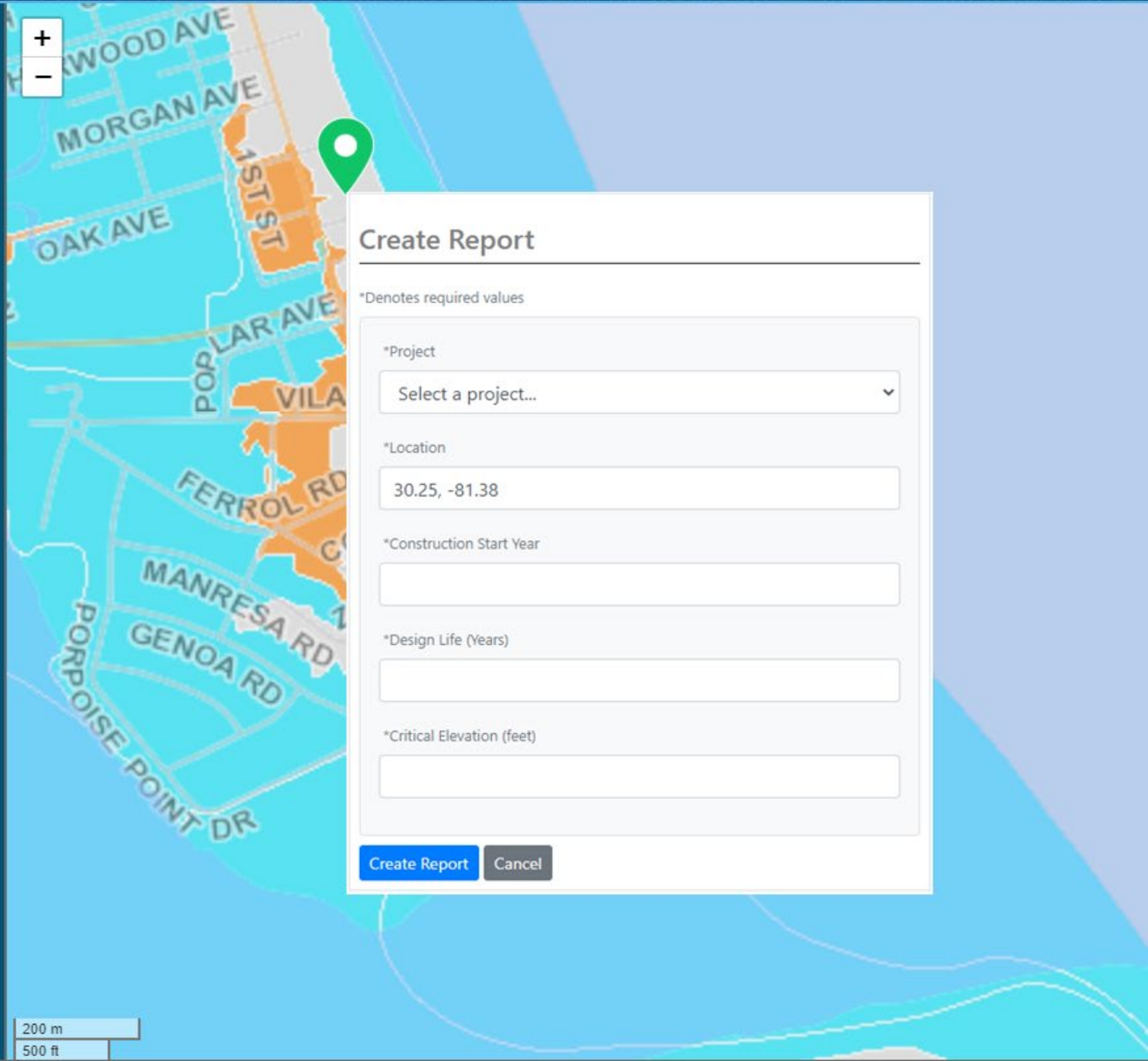
Terrain

> None

Create Report

You have activated the "Create Report" tool. In order to create a new SLIP Study report use the map pane to the right to navigate to your project area. Click on the desired project area on the map and the "Create Report" form will pop up. Enter the required information and click "Create Report".

If you would like to cancel the "Create Report" process, click "Cancel Report" on the left side of this page.



Create Report

*Denotes required values

*Project

Select a project...

*Location

30.25, -81.38

*Construction Start Year

*Design Life (Years)

*Critical Elevation (feet)

Create Report

Cancel

OFFICE OF RESILIENCE AND COASTAL PROTECTION

FLORIDA RESILIENT COASTLINES PROGRAM



- **Comprehensive Statewide Flood Vulnerability and sea level rise data set (2022) and assessment (2023).**
- **Statewide Flooding and Sea Level Rise Resilience Plan with three years of prioritized projects targeting Florida’s critical assets (2021).**
- **Regional Resilience Coalitions.**
- **Florida Flood Hub for Applied Research and Innovation at the University of South Florida.**
- **Projects funded through Resilient Florida Trust Fund.**

PRIORITIES FLORIDA RESILIENT COASTLINES PROGRAM



PROJECTS PRIORITIZED ON A TIERED SYSTEM

- **Tier 1 (40%):** the degree to which the project reduces risks to flooding to regional assets, reducing risk as percentage of critical assets.
- **Tier 2 (30%):** current conditions, habitat enhancements, readiness to proceed and cost effectiveness.
- **Tier 3 (20%):** local government commitment and exceedance of current building standards.
- **Tier 4 (10%):** innovation and assistance to underserved communities.



FUNDING FLORIDA RESILIENT COASTLINES PROGRAM



APPROPRIATIONS PROVIDED IN FY 2021-22

- \$3 million for program initiation including 25 positions.
- \$2 million for regional coalitions.
- \$4 million for contractual services.
- \$20 million for planning grants.
- \$500 million for implementation projects (CARES Act).

GRANT FUNDING PORTAL PROTECTING FLORIDA TOGETHER



Wastewater



**Innovative
Technology**



**Water Quality Improvement:
Biscayne Bay
Springs Coast
Peace River**



\$780 MILLION FOR EVERGLADES RESTORATION AND WATER RESOURCE PROTECTION.

- An additional \$644 million in federal stimulus funding is also committed for Everglades restoration, targeted water quality improvements, springs restoration and alternative water supply.

\$152 MILLION FOR PRIZED PROPERTIES.

- An additional \$300 million in federal stimulus money is also committed for land acquisition focusing on wildlife corridors.

\$41.5 MILLION FOR RESILIENCE.

- An additional \$600 million in federal stimulus funding is also committed for resilience projects and coastal mapping to provide seafloor data from the coast to the edge of the continental shelf or beyond.

\$100 MILLION FOR BEACHES.

- An additional \$50 million in federal stimulus funding is also committed for beach projects.



THANK YOU