

Resiliency Coordination Forum Series:

**2025 SEA LEVEL RISE AND FLOOD
RESILIENCY PLAN UPDATE**

PUBLIC WORKSHOP

Upper East Coast
February 25, 2025





01

Opening Remarks

Carolina Maran, Ph.D., P.E.

Chief of District Resiliency, SFWMD

Amy Eason, P.E.

Environmental Resource Engineer, Martin County

Sandra Bogan

Resilience Navigator, St. Lucie County

Megan Houston

Director, Office of Resilience, Palm Beach County





02

Statewide Resilience Updates

Eddy Bouza

Resilient Florida Program Management Director,
Florida Department of Environmental Protection



Statewide Updates



Resilient Florida Program
Florida DEP



Statewide Office of Resilience
Executive Office of the Governor



Florida Flood Hub
USF College of Marine Science



Resilient Florida Program Framework

PLANNING GRANTS

To assist local governments with Vulnerability Assessments, Peril of Flood Comprehensive Plan Amendments

STATEWIDE FLOODING AND SEA LEVEL RISE RESILIENCE PLAN

To assist local governments and eligible entities in implementing projects that address flooding and sea level rise

STATEWIDE DATA SET AND ASSESSMENT

Collection of local vulnerability assessments and data to assist in creating a Statewide Flooding and Sea Level Rise Assessment

REGIONAL RESILIENCE ENTITIES

Technical Support, develop project applications for members and multijurisdictional collaboration

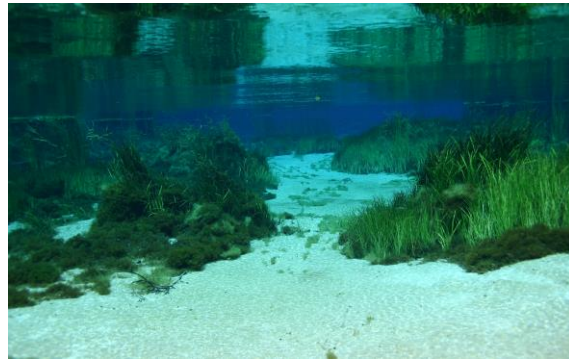
Up-to-date, realistic, and consistent standards and projections of compound flooding





2024 LEGISLATIVE CHANGES

- Defines Florida Flood Hub, clarifies definition of pre-construction activities.
- Adds a new and clarifies other allowable planning grant activities.
- Updates requirements for local government VAs.
- Updates requirements for the statewide flood vulnerability and sea level rise assessment.
- Revises eligibility requirements for the State Plan:
 - Allowance for projects not identified in a completed VA for 2024.
 - Adding a project type for certain named special districts.
 - Modified entities eligible for a match waiver.
- Clarifies entities and activities allowed for RRE funding.





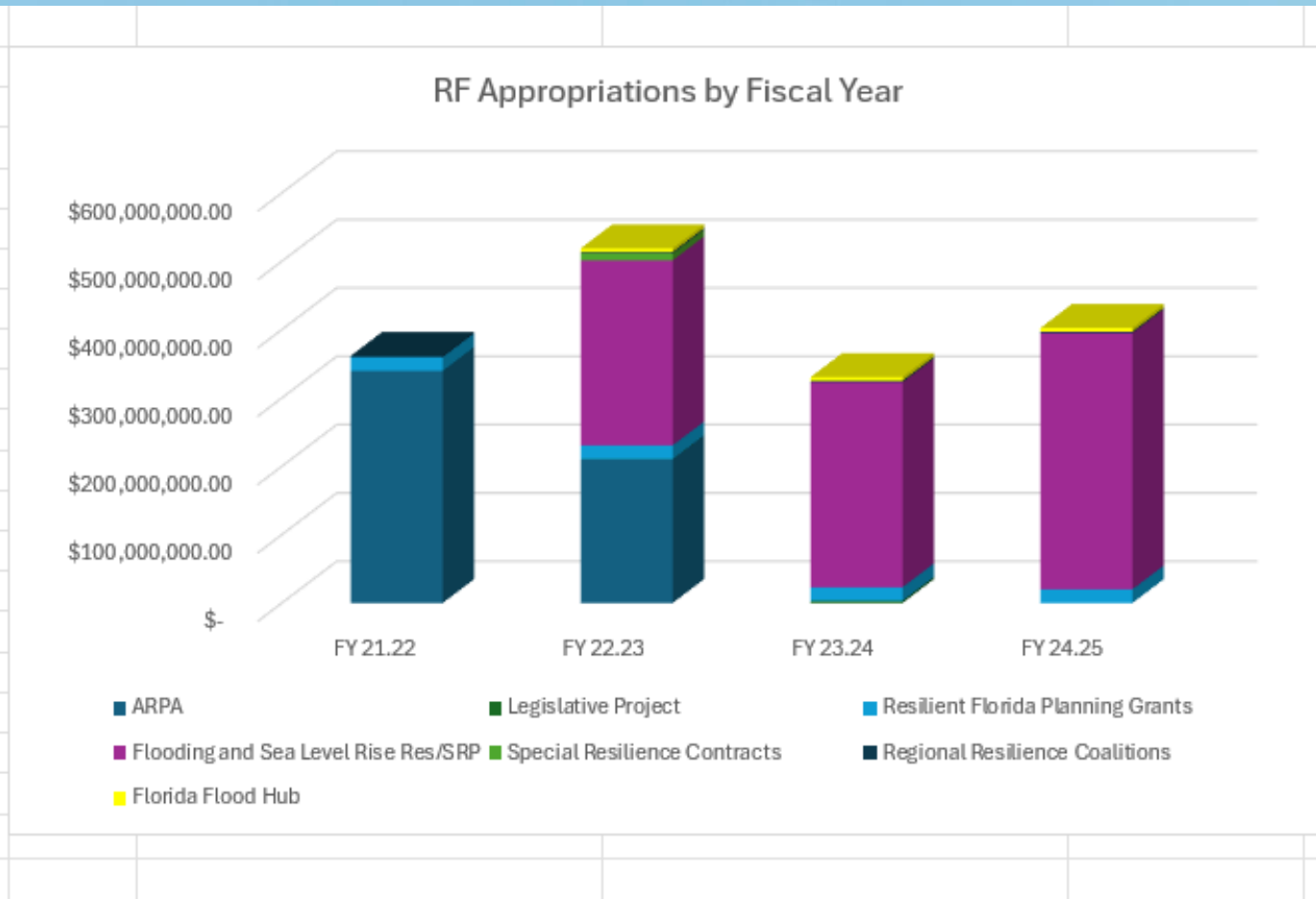
RF Program Grants Summary

Fiscal Year Award	Planning Grants	Implementation Grants	Regional Resilience Entity Grants
2021-2022	98	113	9
2022-2023	131	147	5
2023-2024	75	71	6
2024-2025	64	31	12



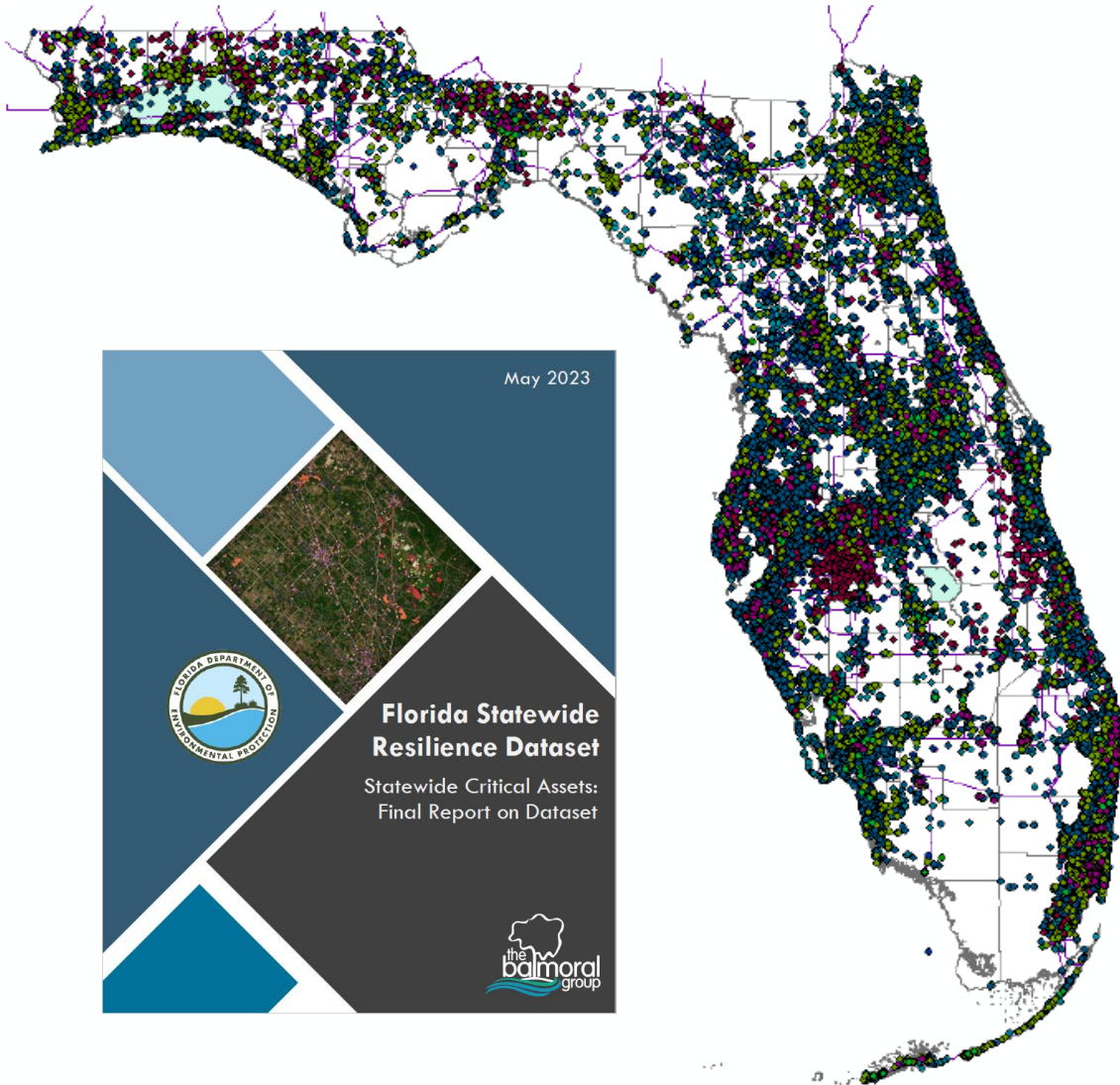
RF Appropriations by Fiscal Year

Fiscal Year	Category	Amount
FY 21.22	Resilient Florida Planning Grants	\$ 20,000,000.00
	ARPA	\$ 339,736,121.56
	Regional Resilience Coalitions	\$ 2,000,000.00
FY 22.23	Legislative Project	\$ 250,000.00
	Resilient Florida Planning Grants	\$ 20,000,000.00
	Flooding and Sea Level Rise Res/SRP	\$ 270,874,990.00
	Special Resilience Contracts	\$ 10,000,000.00
	ARPA	\$ 210,263,878.44
	Regional Resilience Coalitions	\$ 2,000,000.00
	Florida Flood Hub	\$ 5,500,000.00
FY 23.24	Legislative Project	\$ 3,000,000.00
	Resilient Florida Planning Grants	\$ 20,000,000.00
	Flooding and Sea Level Rise Res/SRP	\$ 300,000,000.00
	Regional Resilience Coalitions	\$ 2,000,000.00
	Florida Flood Hub	\$ 5,500,000.00
FY 24.25	Resilient Florida Planning Grants	\$ 20,000,000.00
	Flooding and Sea Level Rise Res/SRP	\$ 375,000,000.00
	Regional Resilience Coalitions	\$ 2,000,000.00
	Florida Flood Hub	\$ 5,500,000.00
Total:		\$ 1,613,624,990.00





COMPREHENSIVE STATEWIDE DATA SET AND ASSESSMENT



- 3.3 million points, polygons and lines representing critical assets.
- Coordinate with FFH for review and hosting.
- Statewide VA completed and available now





COMPREHENSIVE STATEWIDE DATA SET AND ASSESSMENT

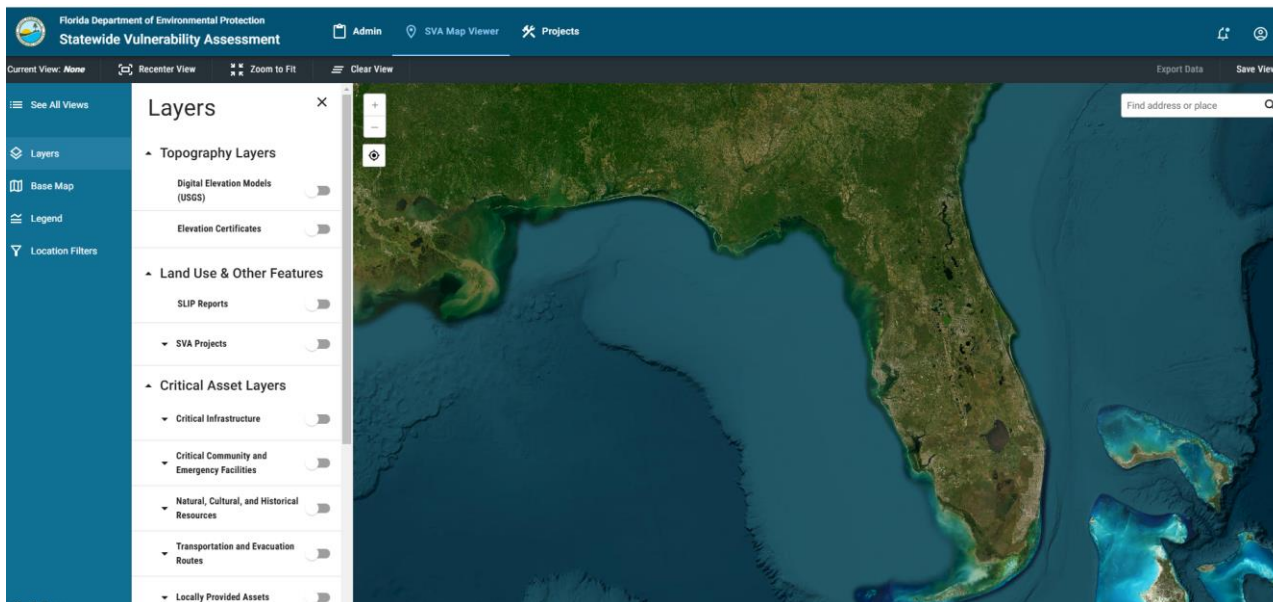
Critical Asset Type	Critical Community & Emergency Facilities	Critical Infrastructure	Natural, Cultural, and Historic Resources		Transportation & Evacuation Routes	
			Buildings	Parcels	Bus Terminals & Marinas	Roadway Intersections
Low	< 3"	< 3"	< 3"	< 25%	< 3"	< 6" of centerline of roadway
Medium	3" – 15"	3" – 18"	3" – 15"	25% – 50%	3" – 15"	0" - 6" above centerline of roadway
High	> 15"	> 18"	> 15"	> 50%	> 15"	> 6" above centerline of roadway

- Different Asset classes evaluated on appropriate exposure based on flood depths
- Each asset evaluated for all scenarios
- Assigned a low/medium/high vulnerability

Overall Risk Assessment	Land Area Inundated (% of site)	Critical Assets Affected (% of total assets or within each asset category)
None	0%	0%
Low	<25%	<25%
Medium	25-50%	25-50%
High	50-75%	50-75%
Extreme	>75%	>75%



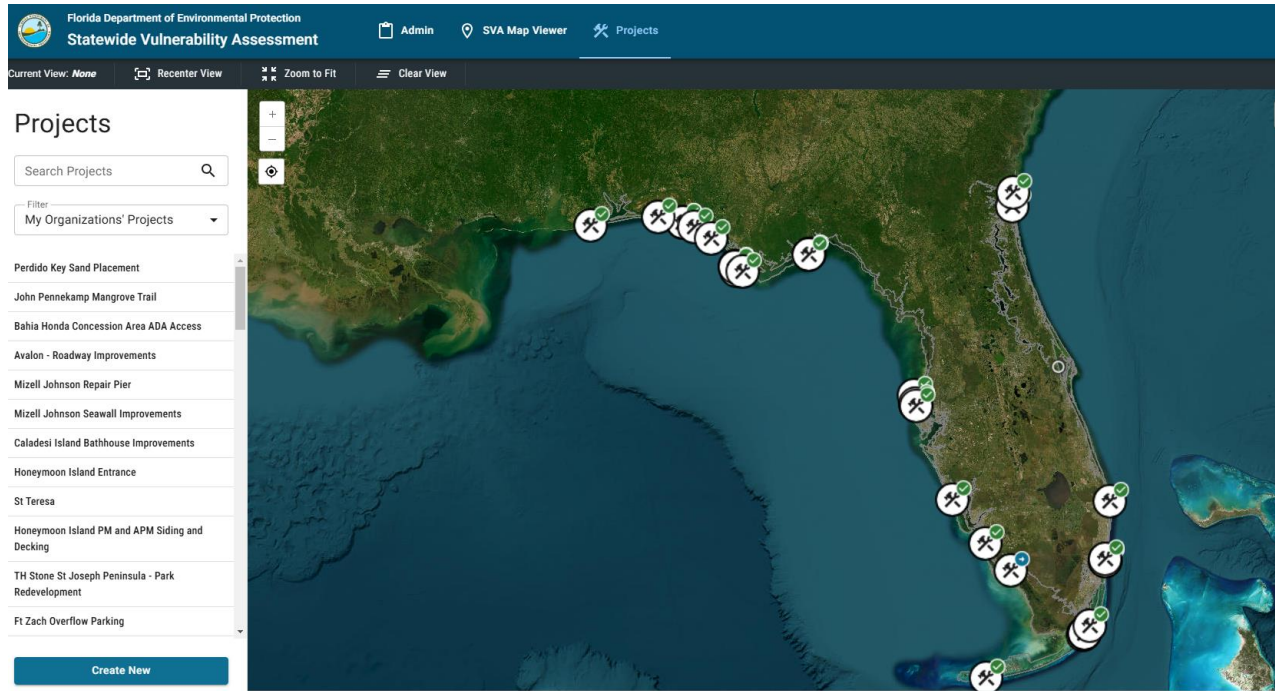
COMPREHENSIVE STATEWIDE DATA SET AND ASSESSMENT



- Tool includes toggle layers for available data
- Friendly GIS-format for easy navigation
- “Smart” Search bar can find places by name instead of address in most cases (like “sea world” or “kennedy space center”)



COMPREHENSIVE STATEWIDE DATA SET AND ASSESSMENT



- Create organizations to track views and projects for SLIP studies
- Admin tools to manage organizations
- Ability to “invite” contractors to join your organization



COMPREHENSIVE STATEWIDE DATA SET AND ASSESSMENT

Florida Department of Environmental Protection
Statewide Vulnerability Assessment

Admin SVA Map Viewer Projects

Approvals
Organizations
Users

Organizations

Active Awaiting Approval Connection Requests

Organization Full Name ↑	Organization Short Name	Organization Type	Primary Ac
City of St. Augustine Beach		Eligible Entity	Bill Tredik
Woodland Business Center		Eligible Entity	Penny Dip
Bermello Ajamil and Partners		Contractor	Jose Lope
City of Ormond Beach		Eligible Entity	Steven Spr
Sands Point Homeowners Association, Inc.		Eligible Entity	Matthew H
City of Satellite Beach		Eligible Entity	Kate Helm
Town of Bay Harbor Islands		Eligible Entity	Katey Earp
Lake County		Eligible Entity	Grace Alter
Miami Dade Fire Rescue Department		Eligible Entity	Rafael Roj
Palm Beach County Parks and Recreation Department		Eligible Entity	Bob Hamil

- Future goal to integrate with existing data systems
- Coordination with Florida Flood Hub Data products
- Start projects and apply for grants in a one-stop shop



Website Resources

Resilient Florida Program

[Home](#) » [Divisions](#) » [Office of Resilience and Coastal Protection](#) » Resilient Florida Program

Resilient Florida Program Quick links

[Resilient Florida Program](#)

[Florida Seafloor Mapping Initiative](#)

[Grants](#)

[Living Shorelines](#)

[Program Resources](#)

[Quarterly Resilience Forum](#)

[Rulemaking](#)

[Sea Level Impact Projection \(SLIP\) Study](#)

Updates:

- **NEW!** [Statewide Vulnerability Assessment and SLIP Report Tool webinar on February 19, 2025!](#)
- [2025 Planning Grant](#) awards announced!
- [2025 - 2026 Statewide Resilience Plan](#) now available!
- DEP's [Comprehensive Statewide Flood Vulnerability and Sea Level Rise Data Set & Assessment](#) is now available.
 - **NEW!** The final report for the [2024 Florida Statewide Vulnerability Assessment](#) is now available.
 - **Password:** StateVA
 - DEP's [Florida Statewide Resilience Dataset Statewide Critical Assets: Final Report on Dataset](#) is now available.
 - A GIS Map Viewer of the data set can be found [here](#).
 - Coming soon - Combined Statewide VA and SLIP webtool.
- Visit the [Resilient Florida Grants Dashboard](#) to see all projects currently awarded (login not required).

- <https://floridadep.gov/rcp/resilient-florida-program>

- Resources all linked on the Resilient Florida Landing Page on the department's website

- See "updates" section at top of page



WEBSITE RESOURCES



NOAA TIDE GAUGE STATION	DATUM	ELEVATIONS ON MEAN SEA LEVEL, 1983-2001 EPOCH (in feet)										Reference Year	NOAA 2022 SLR Scenario
		1992	2000	2020		2040		2050		2070			
				Int-Low	Int	Int-Low	Int	Int-Low	Int	Int-Low	Int		
8720030 Fernandina Beach, FL	MHHW	3.27	3.36	3.69	3.70	4.10	4.16	4.32	4.45	4.76	5.18		
	MSL	0.00	0.09	0.42	0.43	0.83	0.89	1.05	1.18	1.49	1.91		
	MLLW	-3.29	-3.20	-2.87	-2.87	-2.46	-2.40	-2.24	-2.11	-1.80	-1.38		
	NAVD88	0.53	0.62	0.95	0.96	1.36	1.42	1.58	1.71	2.02	2.44		
8720218 Mayport (Bar Pilots Dock), FL	MHHW	2.48	2.57	2.90	2.91	3.31	3.37	3.53	3.66	3.97	4.39		
	MSL	0.00	0.09	0.42	0.43	0.83	0.89	1.05	1.18	1.49	1.91		
	MLLW	-2.47	-2.38	-2.05	-2.05	-1.64	-1.58	-1.42	-1.29	-0.98	-0.56		
	NAVD88	0.52	0.61	0.94	0.95	1.35	1.41	1.57	1.70	2.01	2.43		
8720219 Dames Point, FL	MHHW	1.80	1.89	2.22	2.23	2.63	2.69	2.85	2.98	3.29	3.71		
	MSL	0.00	0.09	0.42	0.43	0.83	0.89	1.05	1.18	1.49	1.91		
	MLLW	-1.86	-1.77	-1.44	-1.44	-1.03	-0.97	-0.81	-0.68	-0.37	0.05		
	NAVD88	0.38	0.47	0.80	0.81	1.21	1.27	1.43	1.56	1.87	2.29		
8720226 Southbank Riverwalk, St Johns River, FL	MHHW	0.89	0.98	1.31	1.32	1.72	1.78	1.94	2.07	2.38	2.80		
	MSL	0.00	0.09	0.42	0.43	0.83	0.89	1.05	1.18	1.49	1.91		
	MLLW	-1.06	-0.97	-0.64	-0.64	-0.23	-0.17	-0.01	0.12	0.43	0.85		
	NAVD88	0.24	0.33	0.66	0.67	1.07	1.13	1.29	1.42	1.73	2.15		

Florida Flood Hub 2024 RSLR Best Estimates (in inches):	-1.1	0.0	3.9	4.0	5.0	5.6	7.6	9.1	12.9	17.8
	1.1" of RSLR 1992-2000		RSLR 2000-2020		RSLR 2020-2040		RSLR 2020-2050		RSLR 2020-2070	

- SLR projection data for Florida
- Initial release for all active NOAA tide gauges in Florida waters with projected elevations derived from FFH 2024 SLR best estimates for 2040, 2050, and 2070



WEBSITE RESOURCES



<https://bit.ly/RFLgrantsDashboard>



GRANT CYCLE 2025

JUNE 1

Resilient Florida project portal opens to accept Planning applications.

**Governor's Budget:
\$20M**

JULY 1

Resilient Florida project portal opens to accept Implementation applications

**Governor's Budget:
\$200M**

SEPT 1

Applications portal closes and evaluations begin

Projects due to Leg. Governor, Dec 1

THANK YOU



Resilient Florida Program
Office of Resilience and Coastal Protection
Florida Department of Environmental Protection

Contact Information:
Resilience@FloridaDEP.gov
850-245-7600



03

2025 Sea Level Rise and Flood Resiliency Plan Update

Carolina Maran, Ph.D., P.E.,
Chief of District Resiliency, SFWMD

Acknowledgments - Project Team

- Engineering and Construction
- Flood Protection Level of Service/H&H Modeling
- Ecosystem Restoration, Nature-Based Solutions
- Water Supply
- External Affairs/Communications
- Field Operations
- Land Resources/Real Estate
- Operations (Flood Control Systems)
- Emergency Operations Center



Acknowledgment - Project Partners

Comments and Contributions Received

Local Governments / Districts:

- Broward County
- Collier County
- Lee County
- Martin County / Martin MPO
- Miami-Dade County
- Monroe County
- Orange County
- Palm Beach County
- St. Lucie County
- City of Apopka
- City of Fort Lauderdale
- City of Hallandale Beach
- Town of Cutler Bay
- Town of Jupiter
- Village of El Portal
- Florida Keys Aqueduct Authority
- Lake Worth Drainage District
- South Broward Drainage District

NGOs:

- Audubon of Florida
- Center for Biological Diversity
- Coastal and Heartland National Estuary Partnership
- Everglades Foundation
- Everglades Law Center
- Florida Bay Forever
- Florida Veterans for Common Sense
- Friends of Biscayne Bay
- Growing Climate Solutions
- Miami Waterkeepers
- National Parks Conservation Association
- Sanibel-Captiva Conservation Foundation
- South Florida Water Coalition
- South Florida Wildlands Association
- Tropical Audubon Society
- Urban Paradise Guild

Tribes:

- Seminole Tribe of Florida

State Agencies:

- Statewide Office of Resilience
- Florida Flood Hub for Applied Research and Innovation
- Florida Department of Transportation
- Florida Department of Emergency Management

Federal Agencies:

- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service

Planning Councils:

- Central Florida Regional Planning Council
- South Florida Regional Planning Council

Universities:

- University of Miami (2)
- Florida International University

Private Companies (9)

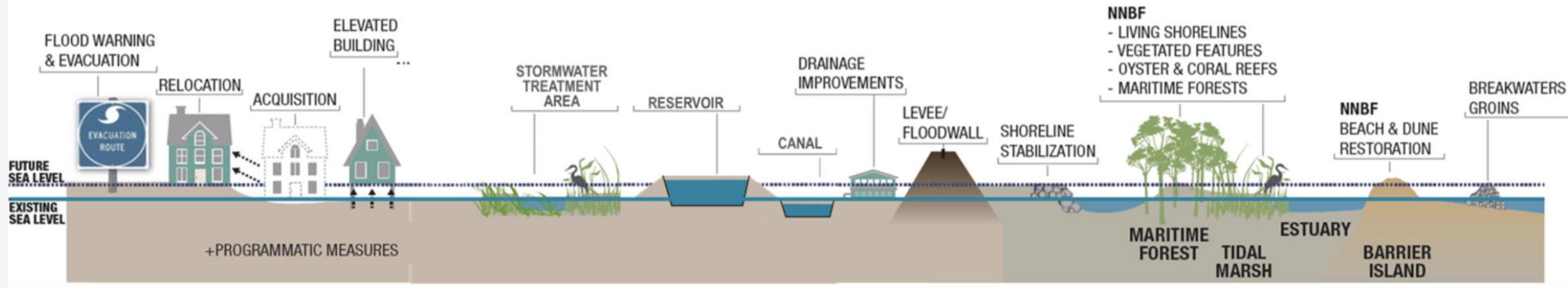
Other individuals (10)



Integrating Local, Regional, Natural, Inland Drainage and Coastal Flood Resiliency Strategies

POTENTIAL MEASURES TO IMPROVE RESILIENCE AND SUSTAINABILITY

Graphic modified from https://ewn.el.erdc.dren.mil/nnbf/other/5_ERDC-NNBF_Brochure.pdf



Need BOTH Structural Measures & Non-Structural Measures
(Moving Flood Risk Away from Communities & Living with the Water)
Along with Nature Based Features



Reducing the risks of flooding, sea level rise and other climate impacts on water resources and increasing community and ecosystem resiliency in South Florida

2025: 5th Year New Update Interval

2024 SEA LEVEL RISE AND FLOOD RESILIENCY PLAN

Building Resilience and Mitigating Risks to South Florida's Water Resources

FINAL SEPTEMBER 1, 2024





DISTRICT RESILIENCY

FIVE YEARS AT A GLANCE



5 MILLION PEOPLE **5.7 MILLION ACRES**

and Over 40,000 Critical Assets

Directly and indirectly benefited by the projects under implementation

OVER 90 PRIORITY PROJECTS

Identified and described in the 2024 Sea Level Rise and Flood Resiliency Plan



\$630 MILLION

In grant funding recommendation, including a District match



77 CONTRACTS

Under execution including vendors, grants and interagency agreements



25 PARTNER AGENCIES



3,700 STAKEHOLDERS



22 WATER AND CLIMATE





4 Studies

FEDERALLY AUTHORIZED

In support of flood risk management being developed alongside 12 flood vulnerability assessments and adaptation planning studies



22 WATER AND CLIMATE RESILIENCE METRICS

Supporting data-driven decisions

3 METRICS FUTURE PROJECTIONS

derived from global climate models to inform rainfall, drought and tide scenario formulation



1st WATER SUPPLY

Vulnerability assessment underway, leveraging 176 billion gallons of CERP regional water storage



8 REAL TIME AUTOMATED & 14 OBSERVED TRENDS

Scientifically described in the SFER (South Florida Environmental Report)



SOUTH FLORIDA FLOOD INFORMATION RESOURCE

1000+ flood observation data points in support of regional operations and long-term resiliency planning



Building Resilience in South Florida Now and in the Future. [SFWMD.gov/Resiliency](https://www.sfwmd.gov/Resiliency)





3a

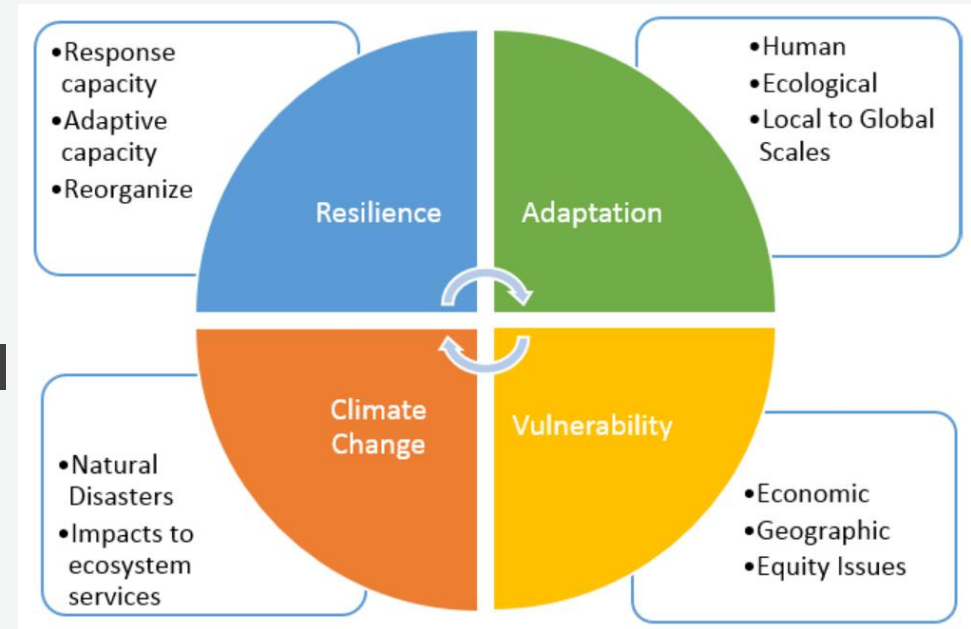
Overview of Resiliency Plan Vision, Goals, and Content

David Colangelo, District Resiliency Plan
Coordinator, SFWMD



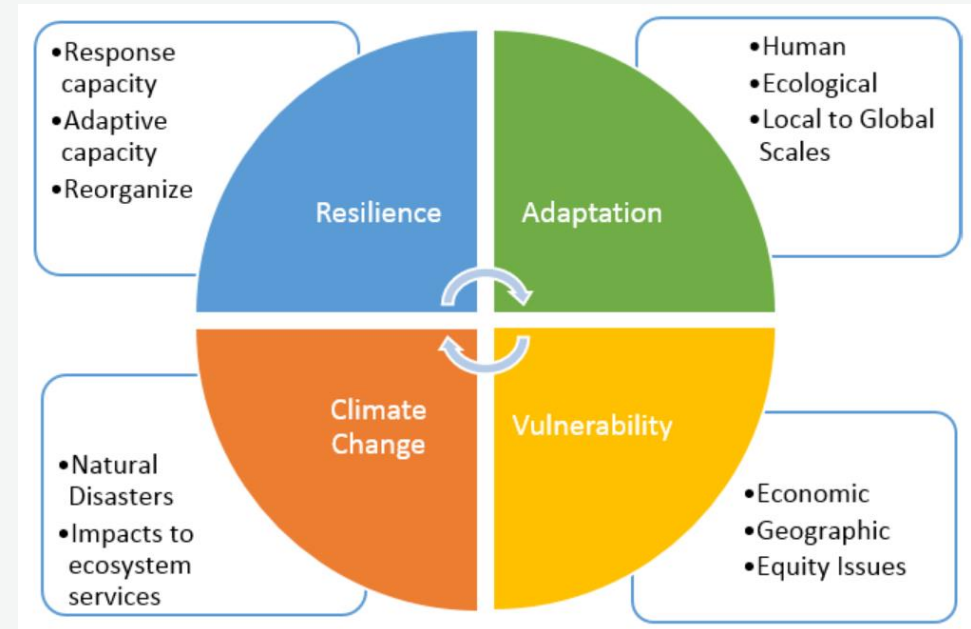
Resiliency Plan Vision and Goals

- Risk Reduction
 - Reduce risk while maximizing effectiveness
- Implementation Resources
 - Project planning and management
 - Consideration of technical, and financial challenges
- Future Conditions
 - Population and land development
 - Climate and sea level rise considerations



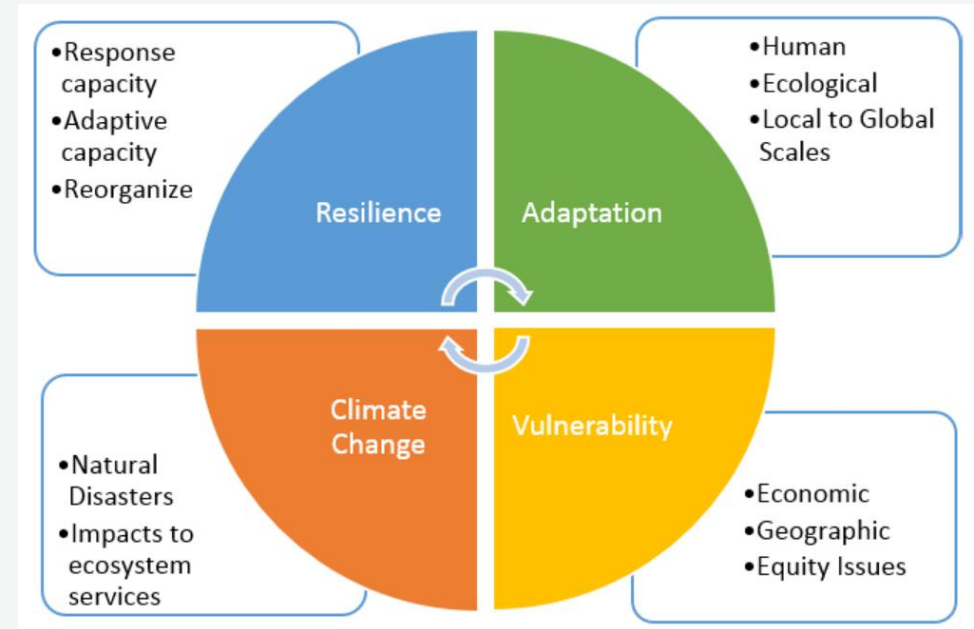
Resiliency Plan Vision and Goals

- Impacted Population and Critical Infrastructure
 - Ensure community-wide benefits
 - Protection of critical infrastructure
- Partnerships and Public Engagement
 - Resiliency Forum
 - Outreach activities
- Leveraging Ecosystem Restoration
 - Ongoing efforts to restore and preserve ecosystems



Resiliency Plan Vision and Goals

- Nature-Based Solutions
 - Incorporate NBS into Projects Concepts
- Energy Efficiency/Renewable Energy
 - Follow latest building codes
 - Energy efficient designs
 - Offset new energy demands with available renewable energy solutions



2024 Resiliency Plan Content

- Overview of Central and South Florida and Big Cypress Basin Systems
 - Current Challenges and Limitations
 - Capital Improvement Plan
- Overview of Flood Protection Level of Service and Other Flood Risk Management Studies
- Nature-Based Solutions
 - Types of NBS and How They Integrate with Gray Infrastructure
 - Process for Assessing and Implementing and Evaluating NBS
- Ecosystem Restoration & Resiliency

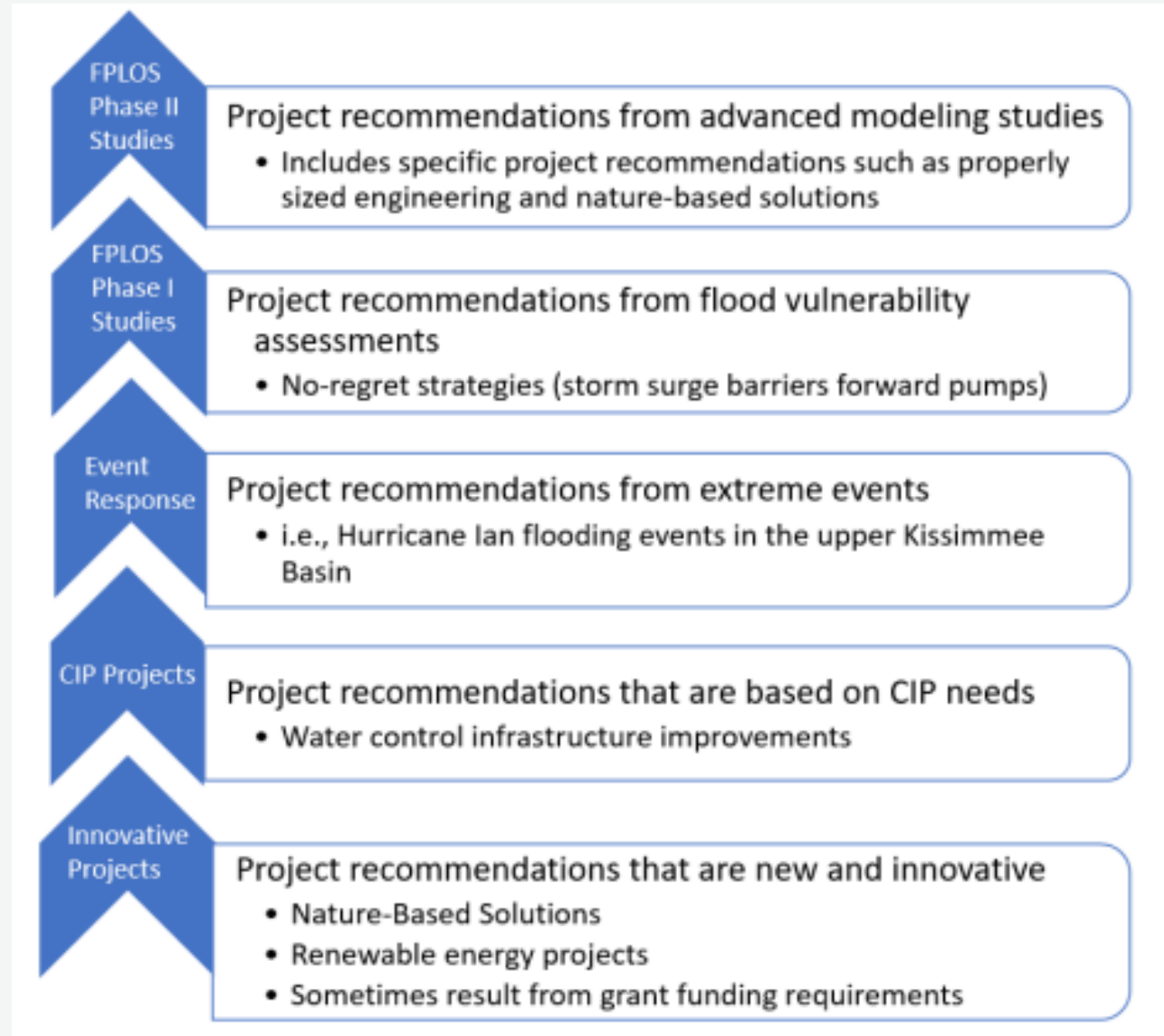


Resiliency Plan Content

- Water Supply Resiliency
 - Understand Vulnerabilities to Future Conditions
 - Protect Existing Sources, Develop Alternatives and Storage of Excess Water
- Energy Efficiency and Renewable Energy
- Characterizing and Ranking Resiliency Projects
- Priority Project Descriptions and Cost Estimates
- Priority Planning Project Descriptions and Cost Estimates



Projects Development



Important Dates – Submit your Comment

- February/March – Public Workshops & Early Input
- May 28, 2025 - Draft Plan Presented at Resiliency Forum and Open for Comments
- June 25, 2025 - Public Comment Period Closes
- September 1, 2025 - Final Plan Submission





3b

Project Development

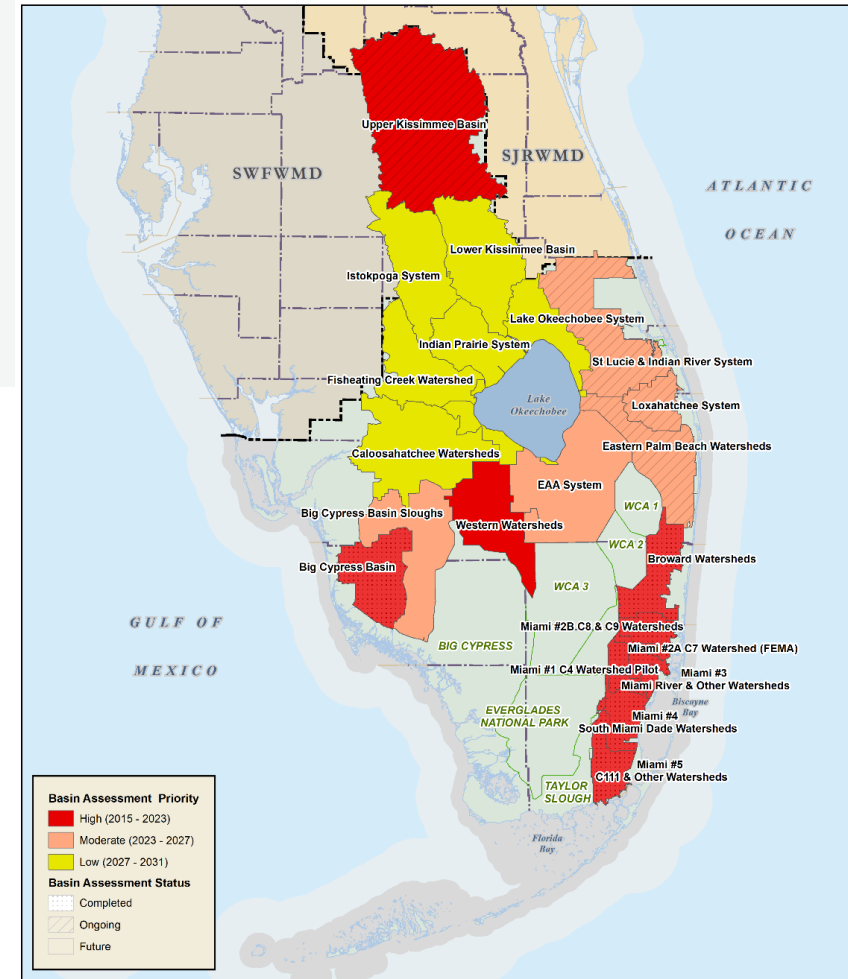
Seyed (“Haji”) Hajimirzaie, Ph.D., P.E., P.H., ENV SP
Principal Engineer, Flood Protection Level of Service
Team, Water Resources Systems Modeling Bureau, SFWMD



Flood Protection Level of Service (FPLoS) Program

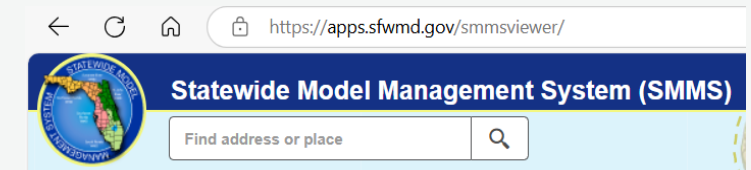
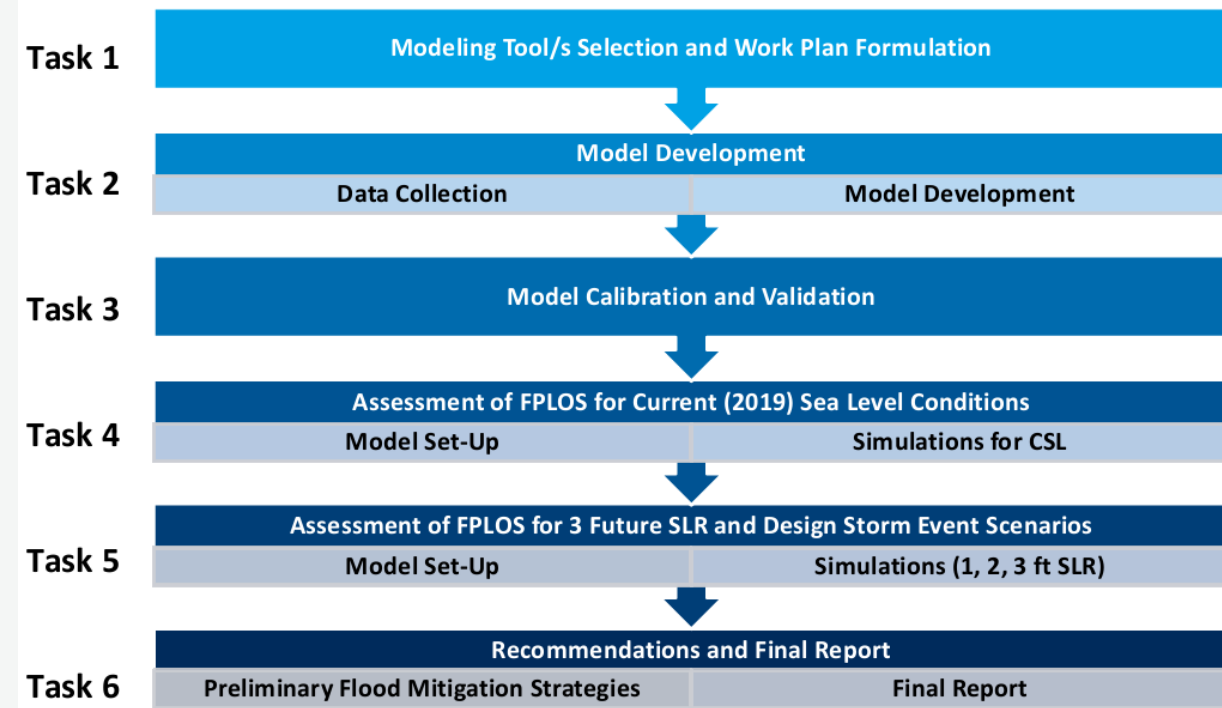
SFWMD’s strategy for assessing system wide flood protection for **current and future conditions**, the impacts of land development, sea level rise and changing climate on flood control infrastructure

- Pre-defined performance metrics
- Support decision making on prioritizing and sequencing infrastructure investments through various funding opportunities:
 - C&SF Flood Resilience
 - FEMA BRIC
 - FDEM
 - Resilience Florida
 - HMGP – Post-storm program



FPLOS Phase I Study

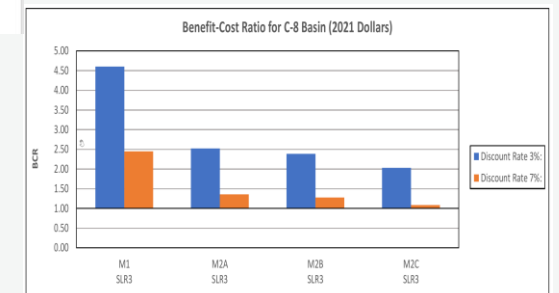
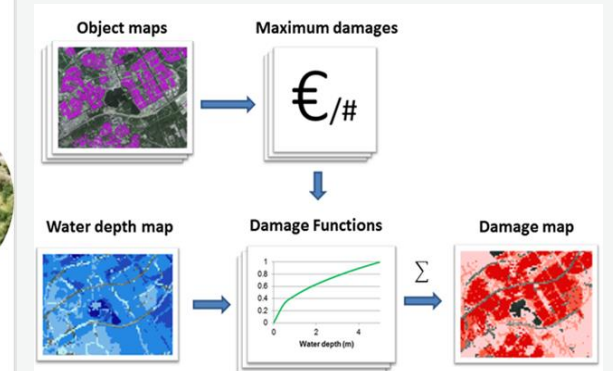
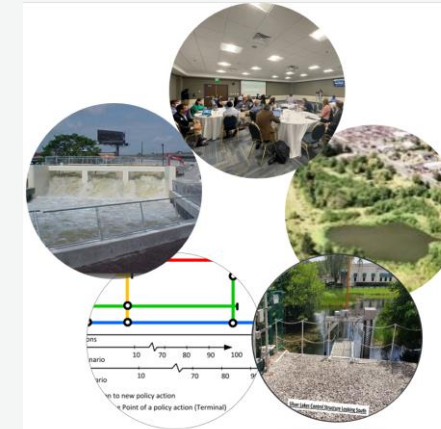
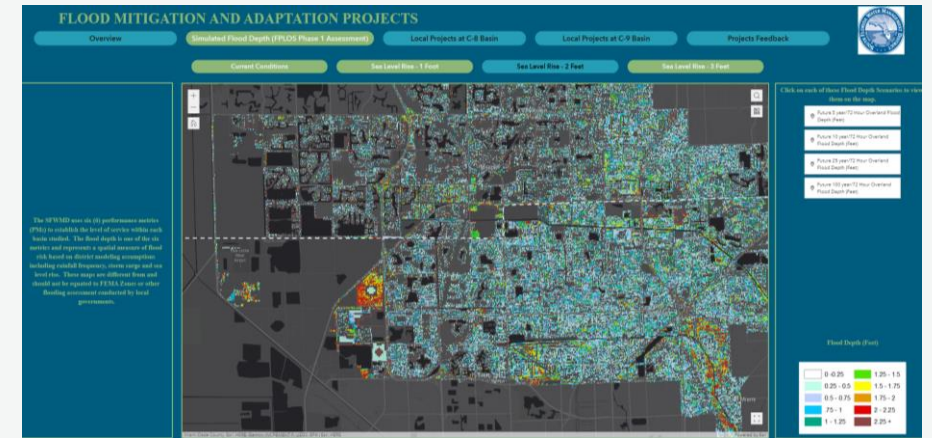
- Model tool development & calibration/validation
- Events Simulated:
 - 5-yr, 10-yr, 25-yr and 100-yr design storms
 - current conditions
 - future conditions (SLR +1ft, +2ft, and +3ft) and rainfall increase
- Performance Metrics
 - PM1 and PM2: peak stage profile and the capacity of a primary canal
 - PM3 and PM4: conveyance at discharge structures
 - PM5 and PM6: flooding inundation and duration
- **Flood Vulnerability Assessment**
- ❑ Update and publish a multi-volume Water Control Operations Atlas



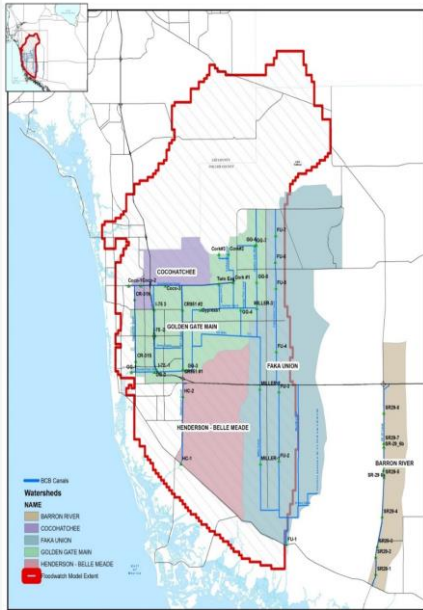
FPLOS Phase II Study

Adaptation planning and mitigation projects study

- Understand local & regional Priority needs
- Basinwide comprehensive assessment strategy
- Identify regional strategies & local level adaptation projects
- Comprehensive economic assessment
- Optimized implementation plan
- Collaboration with stakeholders



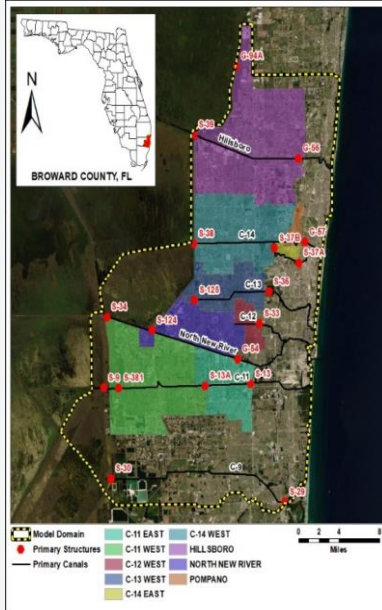
Completed FPLOS Studies: BCB & LEC



Lead PM: K. Konyha & Ken Feng

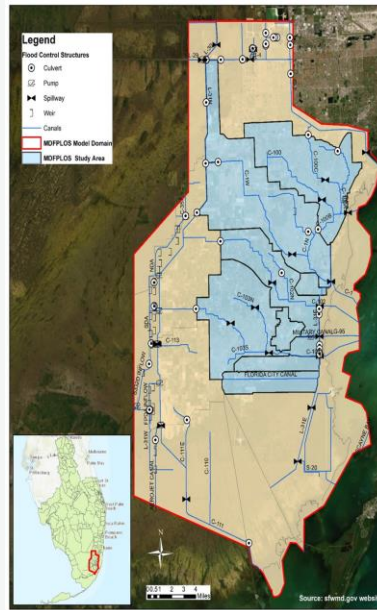
BCB FPLOS Project

Completed:
September 2018



Lead PM: H. Zhao
FPLOS for Nine Basins in Broward County

Completed:
September 2021



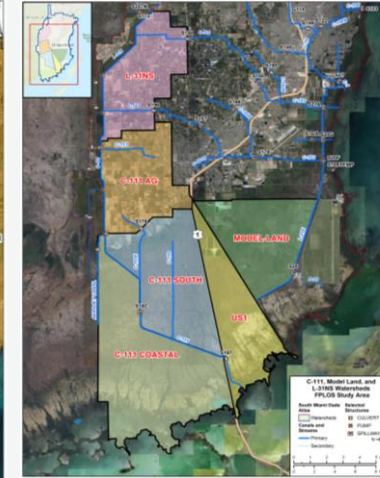
Lead PM : L. Brion
FPLOS for C-1, C-100, C102, and C-103 Basins

Completed:
September 2021



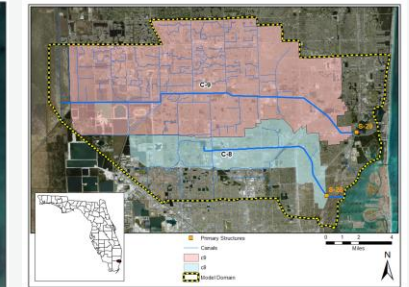
Lead PM : R. Arteaga
C2, C3W, C4, C5 and C6 Watersheds

Completed:
September 2022



Lead PM : C. Ballard
C-111, Model Land, and L-31NS Watersheds

Completed:
December 2023

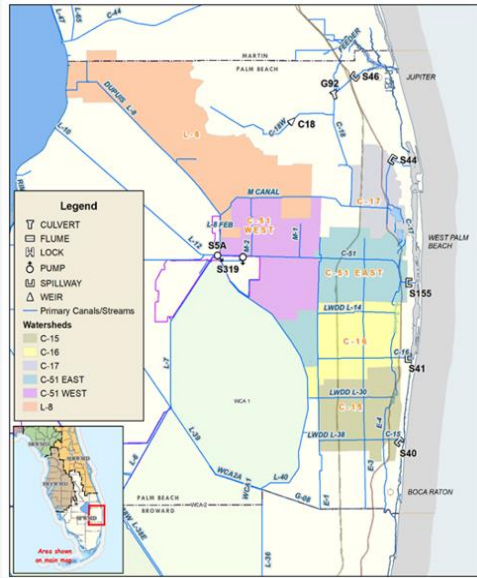


Lead PM: H. Zhao
C8/C9 Basins FPLOS Phase I

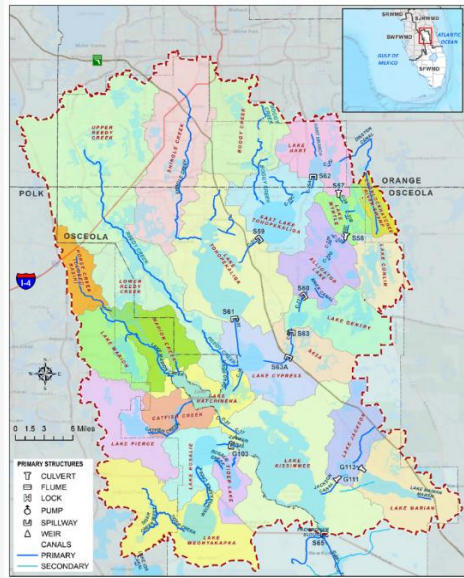
Completed:
January 2021
C8/C9 Adaptation & Mitigation (Phase II)

Completed:
July 2023

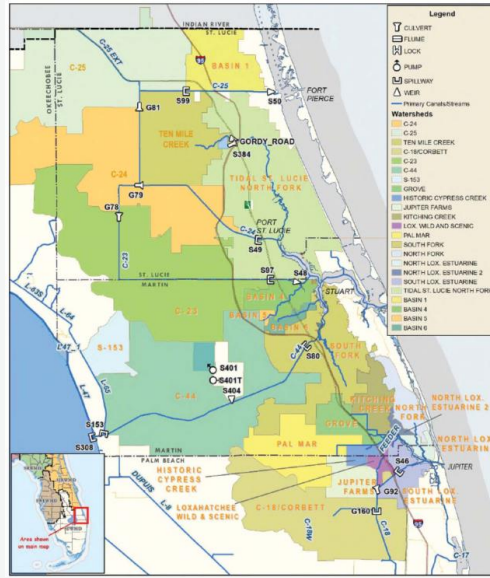
Ongoing FPLOS Studies



Leading PM: S. Haji Mirzaie
Eastern Palm Beach County
 Completion date: March 2025



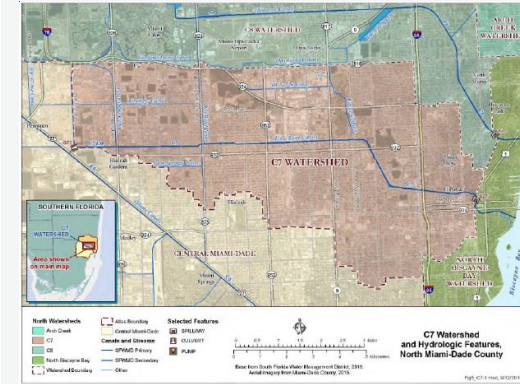
Leading PM: S. Nair
Upper Kissimmee Basins
 Completion date: April 2025



Leading PM: S. Haji Mirzaie
St Lucie/Indian River and Loxahatchee System
 Completion date: Sep. 2026



Leading PM: H. Zhao
Western Basins
 Completion date: April 2026



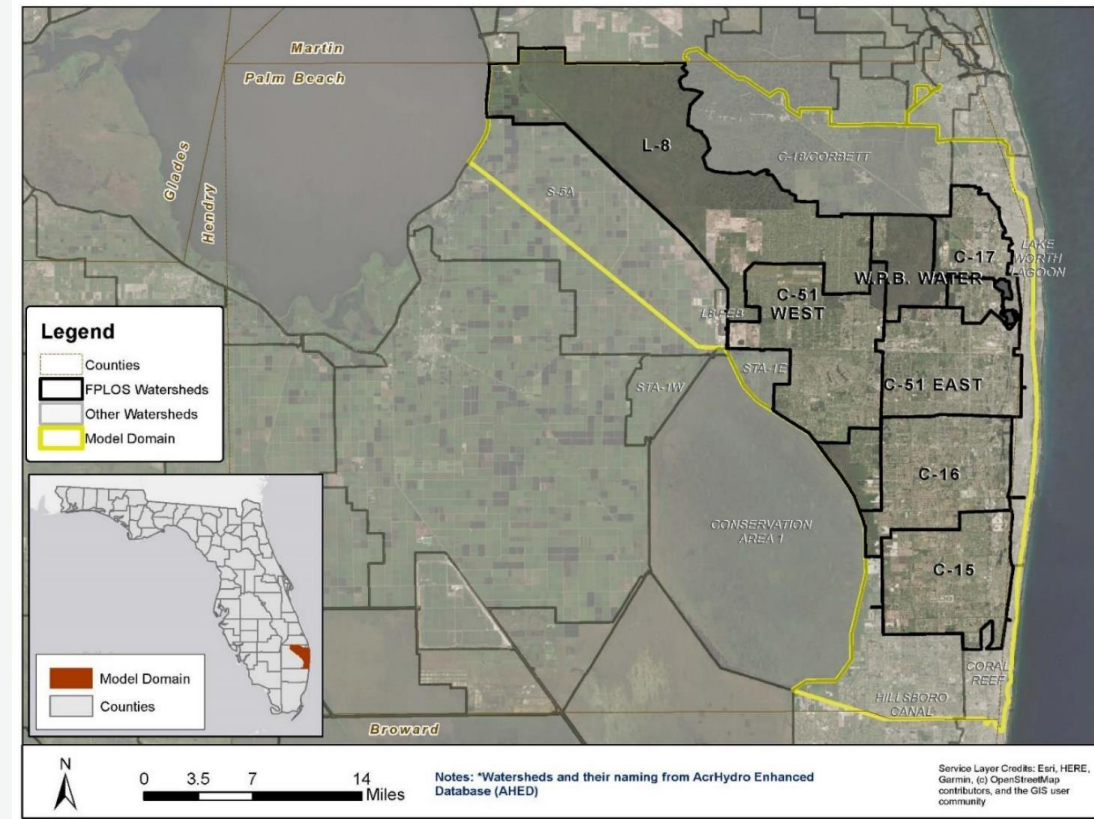
Leading PM: A. Springston
C7 Adaptation and Mitigation Study (Phase II)
 Completion date: Sep. 2025

➤ Upcoming: Two new projects in the pipeline.....



Eastern Palm Beach County FPLOS

- L-8, C-51 West, C-51 East, C-16, C-15, C-17 and WPB Water watersheds (C-18 will be cover under SLC/Martin FPOS)
- ~470 sq mi area from Lake Okeechobee to Intracoastal
- **First comprehensive MIKE HYDRO/ MIKE SHE model for EPBC**
- Future rainfall, land use, and sea level rise assumptions used in the Future Sea Level Rise Condition Models



FINAL
FPLOS ASSESSMENT – COMPREHENSIVE FINAL REPORT
 Eastern Palm Beach County Flood Protection Level of Service Assessment for Current and Future Sea Level Rise Conditions

B&V PROJECT NO. 412156
 B&V FILE NO. 40.0000WCA1
 SFWMD CONTRACT 460004910, WORK ORDER 1

1777 pp

PREPARED FOR
 South Florida Water Management District
 24 JANUARY 2025

BLACK & VEATCH

FINAL
DELIVERABLE 6.1: RECOMMENDATIONS FOR PRELIMINARY FLOOD MITIGATION STRATEGIES
 Eastern Palm Beach County Flood Protection Level of Service Assessment for Current and Future Sea Level Rise Conditions

B&V PROJECT NO. 412156
 B&V FILE NO. 40.0000

PREPARED FOR

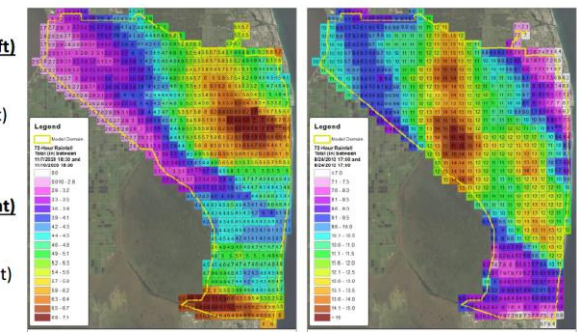
 South Florida Water Management District
 27 JANUARY 2025

BLACK & VEATCH

Calibration Event (left)
 11/2020, Eta
 (~ 5y3d Design Event)

&

Validation Event (right)
 8/2012, Isaac
 (~25y3d Design Event)

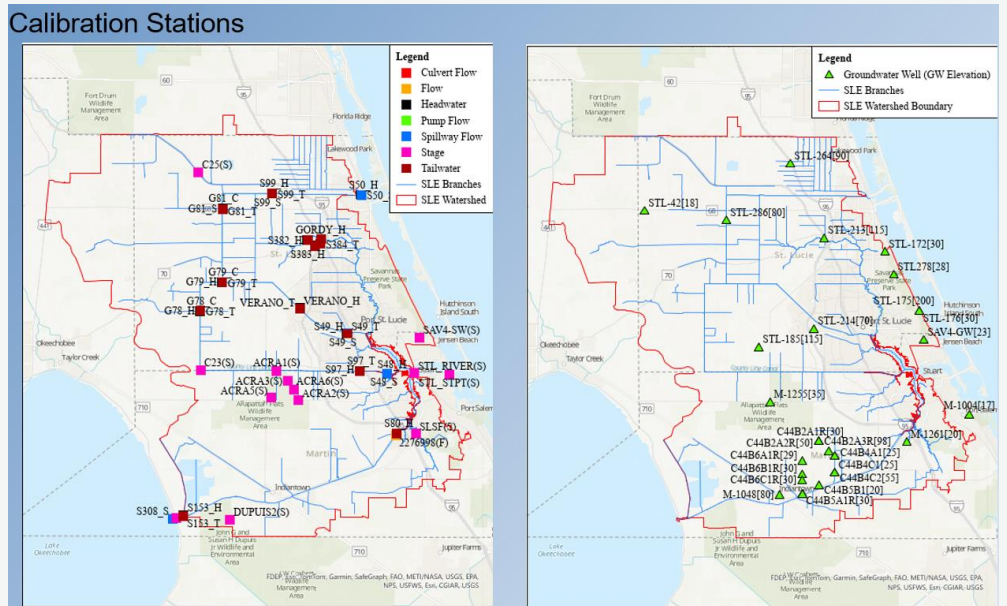


St. Lucie/Martin Counties FPLOS

- First time conducting FPLOS Phases I and II concurrently
- \$2.8M with \$1.5M grant from FDEP under Resilient Florida Grants
- Tasks & Schedule (9/30/2026)
 - Ongoing: Task 3. Model Calibration/Validation
 - In parallel, develop Water Control Operations Atlas

Typical Phase I

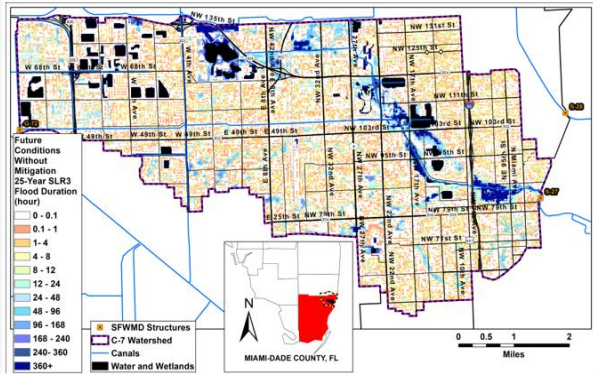
- Task 1. Data Summary, Modeling Tool(s) Selection and Work Plan Formulation ✓
- Task 2. Model Development ✓
- Task 3. Model Calibration and Validation ◀
- Task 4. Assessment of Flood Protection Level of Service for Current (2023) Sea Level conditions
- Task 5. Assessment of Flood Protection Level of Service for three future Sea Level (1 foot, 2 feet, and 3 feet SLR) and Future Design Storm Event Scenarios
- Task 6. Flood Vulnerability Assessment Comprehensive Report & Preliminary Recommendations
- Task 7. Facilitation of Workshops and Adaptation Planning and Mitigation Projects Development
- Task 8. Adaption and Mitigation Alternative Formulation & Modeling
- Task 9. Economic Assessment - Expected Annual Flood Damage Assessment, Cost Estimate, and Cost/Benefit Estimate for Various Mitigations Alternatives
- Task 10. Assessment of Recommended Adaptation Strategy and Priority/Non-regret Projects
- Task 11. Dynamic Adaptation Pathway Planning and Workshops
- Task 12. Flood Protection Level of Service Adaptation Planning and Mitigation Projects Study Comprehensive Report



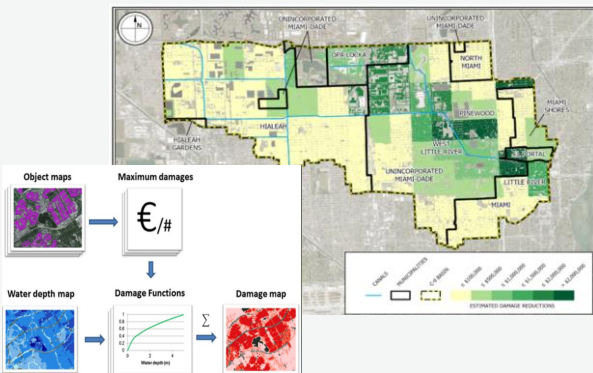
Assessing Project Feasibility – Potential Funding Path

key priorities for funding feasibility

Technical Feasibility Memo



Damage Assessment Memo



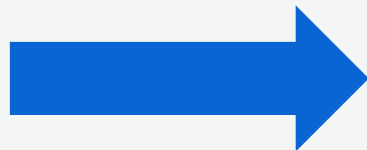
Incentivize public infrastructure projects
(reducing flood risk)

Incentivize projects that mitigate risk to critical infrastructure (protecting critical infrastructure)

Innovative Solutions & Future Conditions

Incentivize projects that incorporate nature-based solutions

Shared responsibilities, community capability and partnership

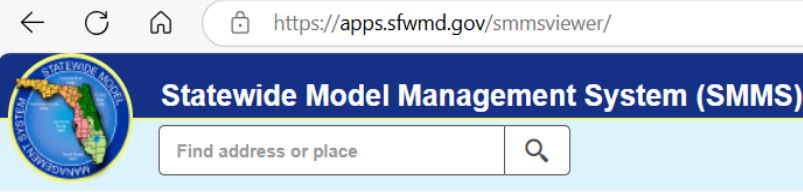


BCA ≥ 1

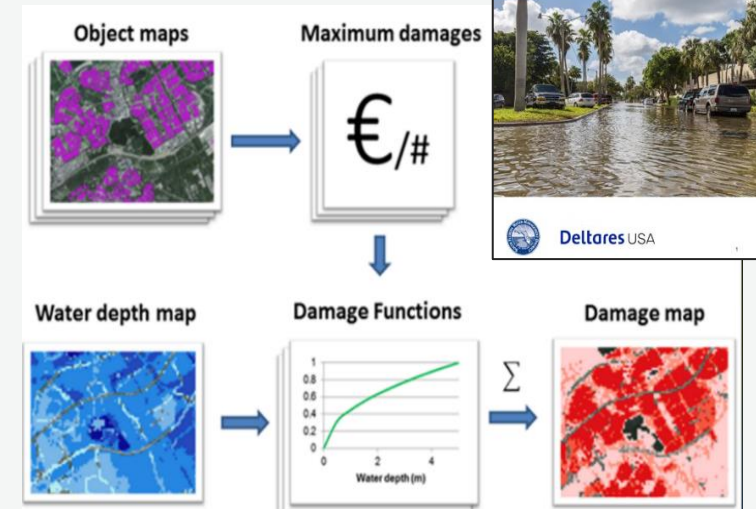


Technical Products

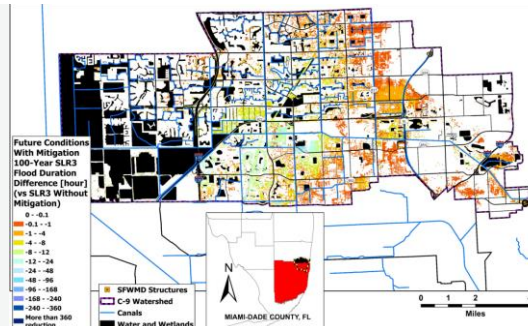
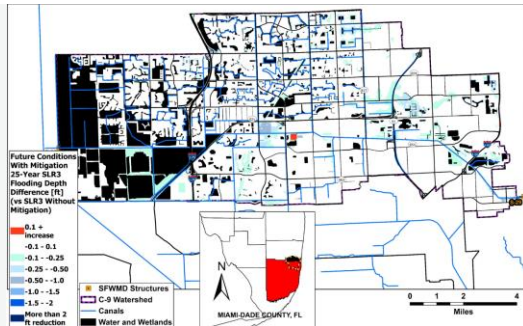
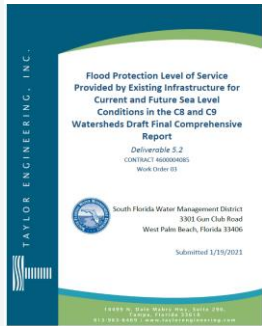
Tools



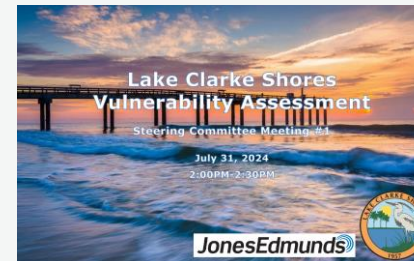
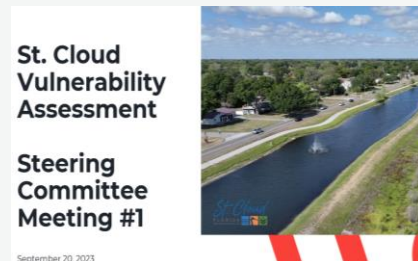
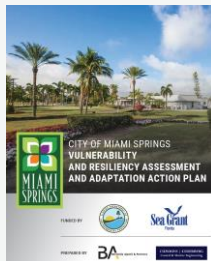
Flood Damage & Exposure Database



Reports, Models & Results



To Support Local Vulnerability Assessments





3c

Stakeholder Coordination

Nicole Cortez, Resiliency Coordinator, SFWMD



Building Stronger Connections for Effective Results

Focus of Engagement Efforts

- Enhancing information flow
 - Learning from one another
- Aligning local and regional agendas
 - Fostering coordination between local and regional projects and initiatives



Approach

- Building strong partnerships
 - Incorporating local input and knowledge
 - Close collaboration and agreements with local governments/organizations

Goal

- ***Maximizing our collective impact***

South Florida Resiliency Coordination Forum

A fact-finding forum for collaboration between the SFWMD and local, state, federal, and tribal partners on water management resiliency.



- **Regional Coordination:** Strengthening partnerships across the region.
- **Leveraging Technical Knowledge:** Sharing expertise on resiliency and water management.
- **Information Exchange:** Promoting the flow of data and insights for decision-making.
- **Supporting Actionable Solutions:** Identifying tangible, asset-level solutions to enhance water resource management.

Resiliency Coordination Forum (continued)

2025 Sea Level Rise and Flood Resiliency Plan Update Workshops:

- Workshop #1 – Lower East Coast – February 21, 2025
- Workshop #2 – Upper East Coast – February 25, 2025
- Workshop #3 – Southwest Coast – February 27, 2025
- Workshop #4 – Kissimmee River Basin – March 7, 2025



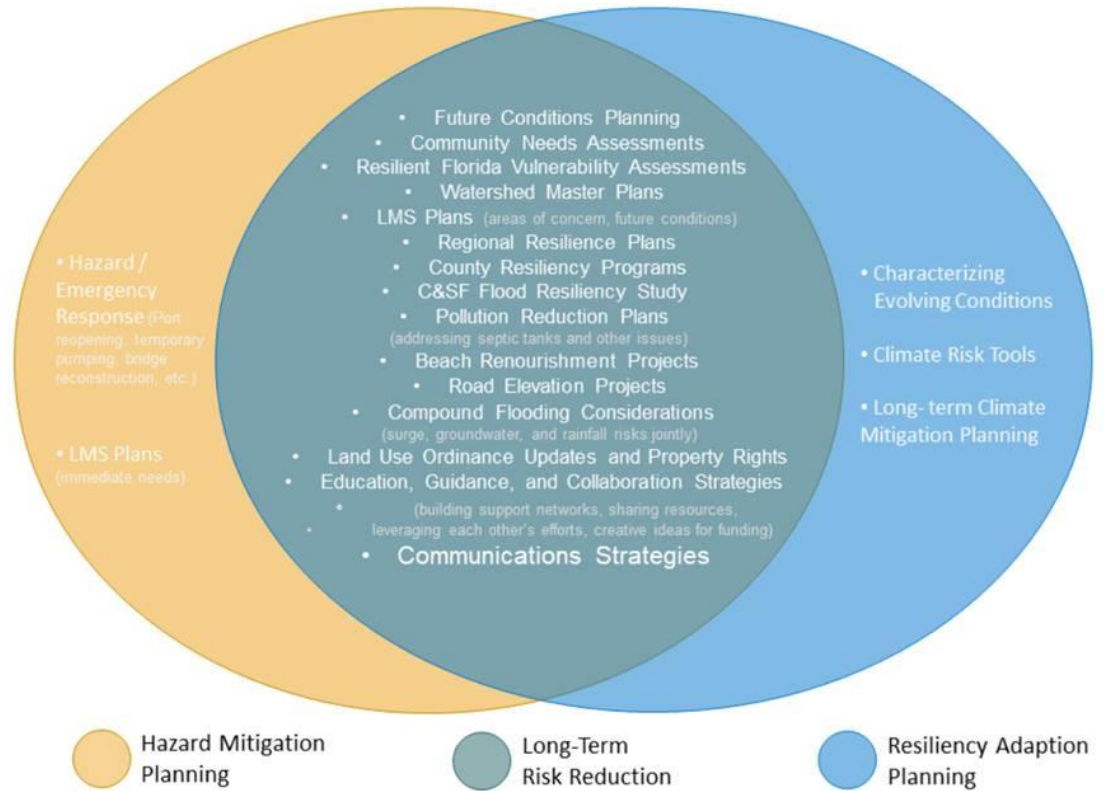
Upcoming Quarterly Meetings:

- Wednesday, May 28, 2025
- Wednesday, September 3, 2025
- Wednesday, December 3, 2025



Local Mitigation Strategies Committees Coordination

HAZARD MITIGATION & RESILIENCY ADAPTATION PLANNING



Long-Term Risk Reduction

- Committee Membership & Attendance
 - Active participation in LMS Committees
- Adoption of County LMS Plans
 - Aligning with local mitigation strategies
- Incorporating Regional Resilience Projects
 - Ensure priority resiliency and post-disaster projects are integrate into local plans

Flood Resiliency Studies Engagements

C&SF Flood Resiliency Studies
Sections 216 and 203

FPLOS Phase II Adaptation &
Mitigation Planning Studies

Other FRM
Studies

Engaging Local Governments:

- Share data, tools, resources, knowledge
- Contribute valuable insights on risks and vulnerabilities

Community-Driven Planning:

- Provide input on goals and actions to mitigate risks
- Align local projects and priorities for regional adaptation

Developing Actionable Projects:

- Refine adaptation and mitigation projects based on local input
- Maximize benefits, locally integrated strategies



Tools & Resources for Wet & King Tide Season

Resilience Metrics Hub

sfwmd.gov/ResilienceMetricsHub

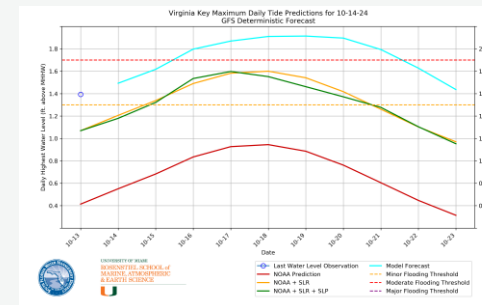

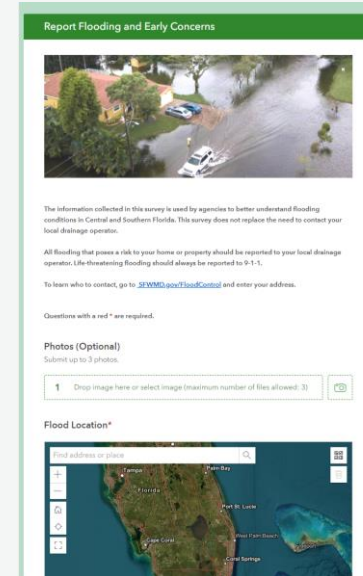
- Access Water and Climate Resilience Metrics – long term trends and projections

Flood Specific Tools & Resources

- Access Flood Observations: sfwmd.gov/FloodResources
- Submit real-time flood data: sfwmd.gov/FloodingApp

Tidal Predictions

- Stay informed on high tide events: sfwmd.gov/HighTidePredictions



Tools & Resources for Wet & King Tide Season

Flood Observations and High-Water Mark Collection Training

- Located at SFWMD facilities across the region for field staff, and local governments and water control districts.
- 9 sessions held across the region in April 2024, 121 participants

Encouraging Participation in 2025

- 2025 Wet Season And King Tide Preparedness Training Sessions
Coming up this Spring
- Supporting SFWMD operation and local governments stay ready for flooding and high tide events.





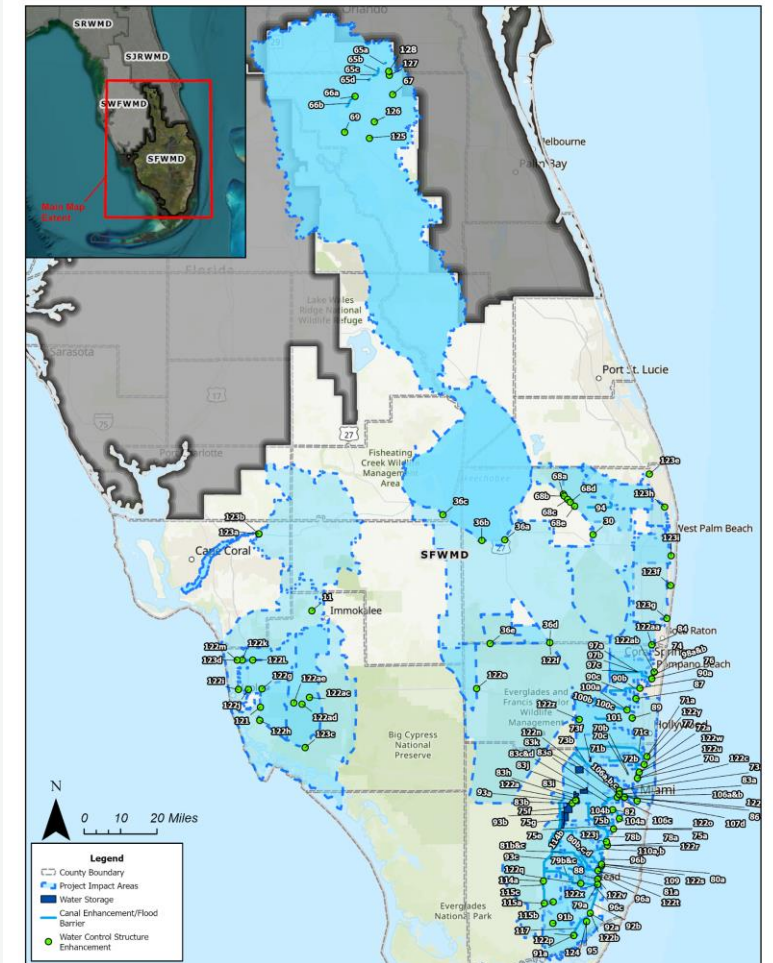
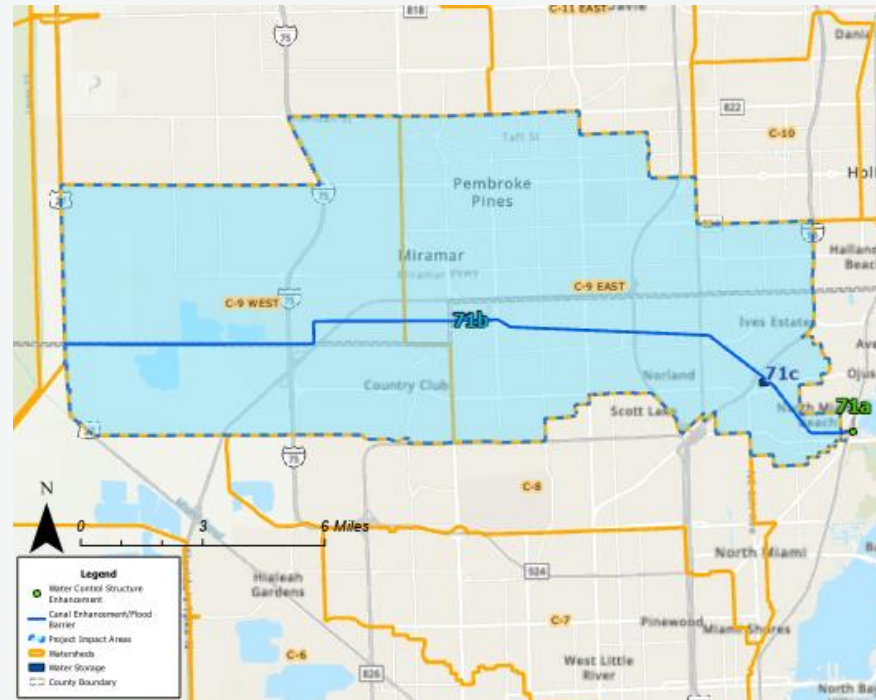
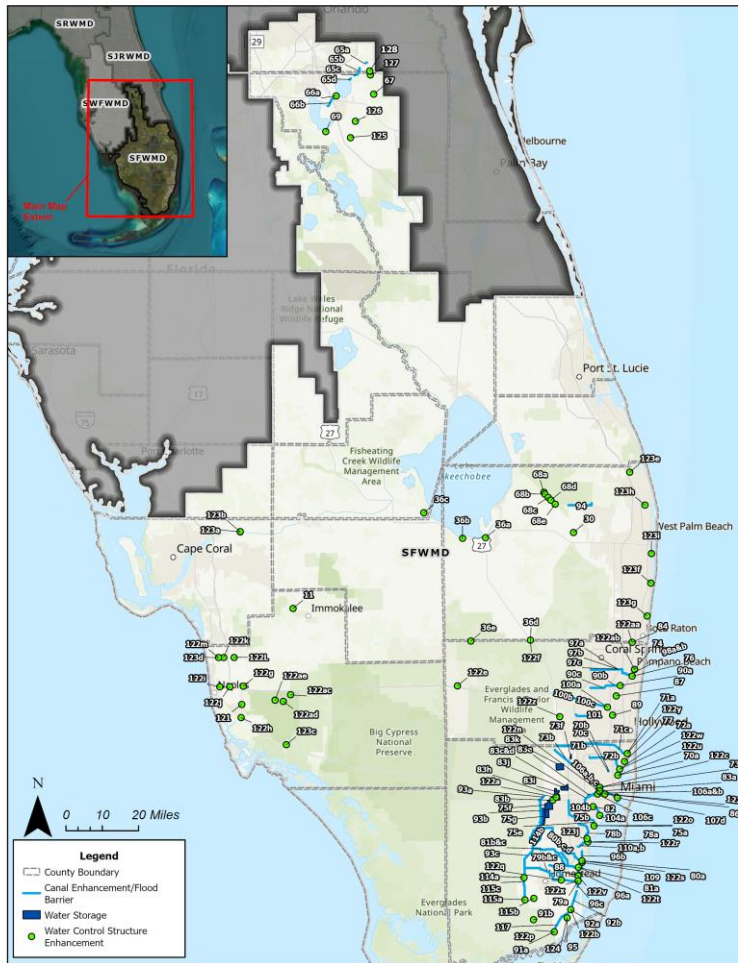
3d

Project Ranking Evaluation Matrix and GIS Resources

Aaron Duecaster, Resiliency GIS Specialist,
SFWMD



Project Locations – Impact Areas and Components



Project Ranking - Alignment with Resilient Florida

Florida Comprehensive Statewide Flood Vulnerability

- Tier 1 – 40 Points
 - 10 Points – Degree to which the project addresses flood risks
 - 10 Points – Reduces risk to regional significant assets
 - 10 Points – Reduces risk located in areas with higher vulnerable assets
 - 10 Points – Awarded if projects contributes to existing flooding mitigation projects
- Tier 2 – 30 Points
 - 7.5 Points – Awarded based on the degree to which flooding and erosion impact the project impact area.
 - 7.5 Points – Project Readiness
 - 7.5 Points – Environmental Habitat enhancement or nature-based solution
 - 7.5 Points – Project is demonstrated to be cost effective
- Tier 3 – 20 Points
 - 6.5 Points – Available Local, State, and/or Federal cost share
 - 6.5 Points – Verification of state funding previously awarded
 - 7 Points – Awarded if project demonstrates exceedance of flood resistant requirements in the Florida Building Codes Act
- Tier 4 – 10 Points
 - 5 Points – Awarded if project includes innovative technologies designed to reduce project costs and provide regional collaboration
 - 5 Points – will be awarded if the proposal demonstrates that the project impact area includes a financially disadvantaged community

- 40% - Likelihood of System Deficiency
 - FPLOS Phase 1 Results – 15%
 - Known or Chronic Nuisance Flooding Report – 13%
 - FEMA Flood Zone Exposure – 3%
 - Storm Surge Inundation Results
 - No Alternatives or Backups in Worst Case Scenario
 - Return Period of Overbank Flooding
 - Sea Level Resulting in Overbank Flooding
 - Exceedance of Canal Normal Operating Range (OR)
 - Finished Floor Elevation < Base Flood Elevation
- 30% - Consequence of System Deficiency
 - Critical Assets & Regional Assets - 12%
 - Impact Areas Across Administration Boundaries – 2.5%
 - At Risk Population – 5%
 - Environmental Protected Areas – 3.5%
 - Total Population – 1%
 - Public Water Supply Wellfields – 5%
 - Adaptation Action Areas – 1%
- 20% - Benefits From System Enhancements
 - Nature Based Solutions } 5%
 - Ecosystem Restoration }
 - Cost Benefit Analysis – 2.5%
 - Previous State Funding – 2.5%
 - Available Match – 2.5%
 - Florida Building Code Design Criteria – 2.5%
 - Innovative Technologies – 5%
- 10% - Project Status
 - SIP Overall Rating – 5% / CIP Status – 5%



Critical Assets

Critical Community and Emergency Facilities

Affordable Public Housing	Critical Assets
Colleges and Universities	Critical Assets
Community Centers	Critical Assets
Correctional Facilities	Critical Assets
Disaster Recovery Centers	Critical Assets
Emergency Medical Service Facilities	Regionally Significant
Emergency Operation Centers	Regionally Significant
Fire Stations	Critical Assets
Health Care Facilities	Critical Assets
Hospitals	Critical Assets
Law Enforcement Facilities	Critical Assets
Local Government Facilities	Critical Assets
Logistical Staging Areas	Critical Assets
Risk Shelter Inventory	Regionally Significant
Schools	Critical Assets
State Government Facilities	Critical Assets

Natural, Cultural, and Historical Resources

Historical and Cultural Assets - PT	Critical Assets
Historical and Cultural Assets - PL	Critical Assets
Shorelines	Critical Assets
Surface Waters - PL	Critical Assets
Conservation Lands	Critical Assets
Historical and Cultural Assets - PG	Critical Assets
Parks	Critical Assets
Surface Waters - PG	Critical Assets
Wetlands	Critical Assets

Transportation and Evacuation Routes

Airports	Critical Assets
Bus Terminals	Regionally Significant
Marinas	Critical Assets
Ports - PT	Regionally Significant
Rail Facilities - PT	Regionally Significant
Railroad Bridges	Regionally Significant
Bridges	Critical Assets
Major Roadways - FDOT	Regionally Significant
Major Roadways - NTD	Critical Assets
Ports - PL	Regionally Significant
Rail Facilities - PL	Regionally Significant

Critical Infrastructure

Communications Facilities	Critical Assets
Disaster Debris Management Sites	Critical Assets
Drinking Water Facilities	Regionally Significant
Electric Production and Supply Facilities - PT	Regionally Significant
Solid and Hazardous Waste Facilities	Critical Assets
Solid and Hazardous Waste Facilities - SQG	Critical Assets
Solid and Hazardous Waste Facilities - TSD	Critical Assets
Solid and Hazardous Waste Facilities - SB	Critical Assets
Stormwater Treatment Facilities and Pump Stations - PT	Regionally Significant
Wastewater Treatment Facilities and Lift Stations	Regionally Significant
Water Utility Conveyance Systems	Regionally Significant
Electric Production and Supply Facilities - PL	Regionally Significant
Stormwater Treatment Facilities and Pump Stations - PL	Regionally Significant
Stormwater Treatment Facilities and Pump Stations - PG	Regionally Significant
Military Installations	Regionally Significant

Locally Provided Assets From Vulnerability Assessments

Locally Provided Assets - PT	Critical Assets
Locally Provided Assets - PL	Critical Assets
Locally Provided Assets - PG	Critical Assets



Spatial Considerations

Category		Weighting
FPLOS Phase I Assessment Results (Current and /or Future Conditions)	vulnerability of the drainage system within the project impact area to manage flood risks to adjacent developed or partially developed land under current and future conditions represented by the FPLOS overall flood protection level of service	15%
Known Chronic and Nuisance Flooding Report (OR)	Flood Prone Area layer documented using the observed historical flooding events with evidence collected by agencies/universities/media/citizens	13%
Finished Floor Elevation < Base Flood Elevation	Infrastructure Finish Floor Elevation Exposure: Comparison between Infrastructure Finish Floor Elevation (FFE) and FEMA Base Flood Elevation (BFE)	
FEMA Flood Zone Exposure	The project impact area is within FEMA Flood Zone A, AH, AE, and V and will lower flood risks	3%
Storm Surge Inundation Exposure	Project Impact Area (or Finished Floor Elevation, for infrastructure enhancement projects) is within specific Hurricane Categories - Storm Surge event inundated area	
Critical Assets / Lifelines	The total number of At-Risk Critical Assets & Regionally Significant from the recently released FDEP Statewide Critical Assets Dataset	6% 6%
Impact Area Across Administrative Boundaries	The number of administrative and County boundaries across the area of influence characterizes different levels of regional significance for the respective projects.	2.5%
At Risk Population	The National Risk Index (NRI) is a dataset that represents the vulnerabilities to US communities most at risk for 18 natural hazards.	5.0%
National Risk Index (NRI)		
Environmental Protected Areas	Vulnerable environmental protected areas - state or federal critical habitat for threatened or endangered species- within the project impact area of the proposed project, and that can be impacted by flooding events.	3.5%
Total Population	Total number of people residing within the project impact area of the proposed project based on 2023 estimates.	1%
Public Water Supply Wellfields		5%
Adaptation Action Areas	The project impact area is within an established "Adaptation Action Area" or "Adaptation Area."	1%



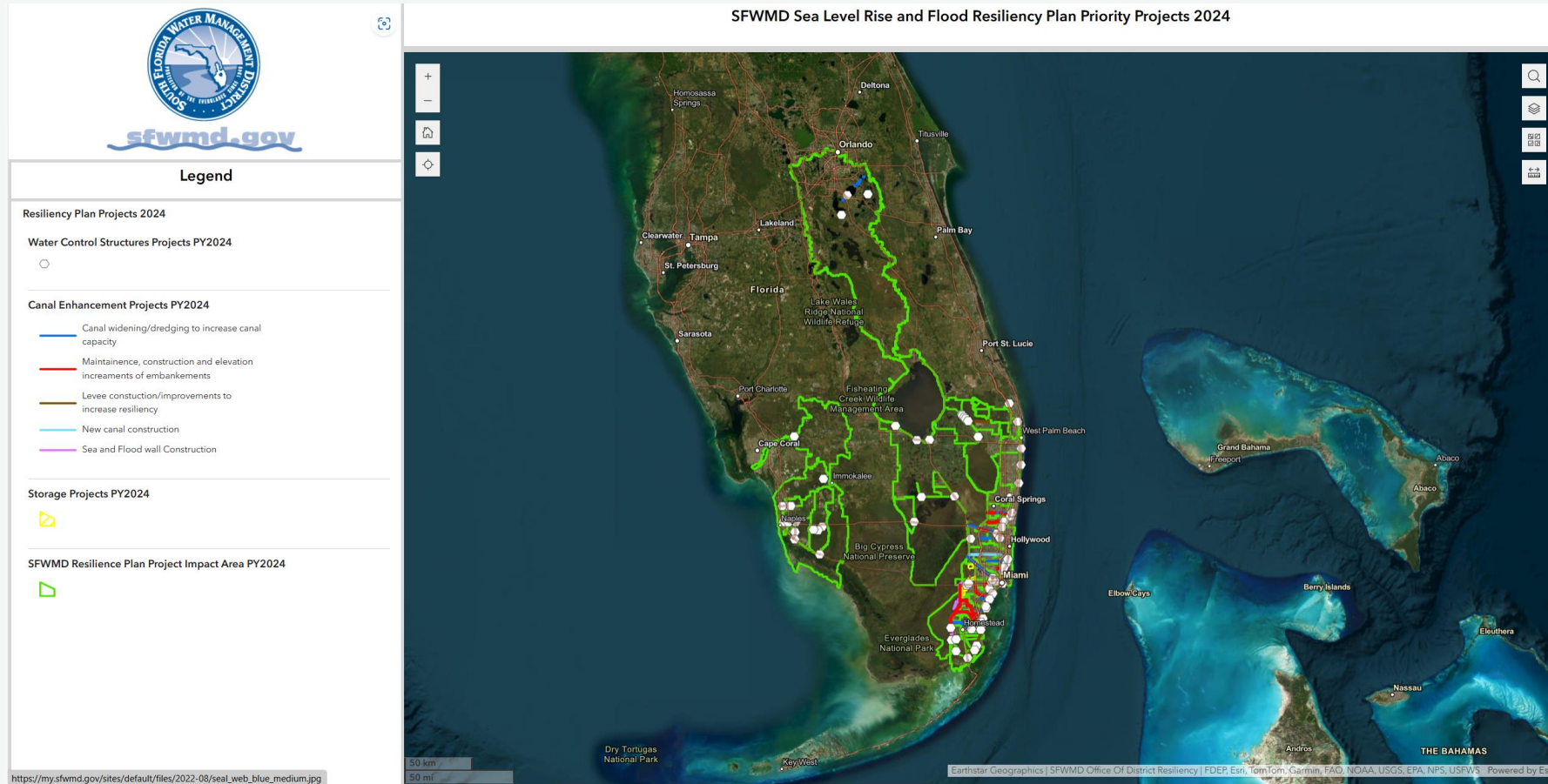
Structural Considerations

Category	Definition	Weighting
No Alternatives/Backup to Mitigate Worst Case Scenario	The respective structure does not have an alternative operational routing or no system backup to mitigate potential limitations in operation or the worst-case scenario of structure failure under extreme event conditions.	3%
Return Period of Overbank Flooding	Infrastructure Performance Under Sea Level Scenarios or Extreme Rainfall Events	6%
Sea Level Resulting in Overbank Flooding	Increase of sea levels that result in canal overbank flooding and/or other infrastructure bypass resulting in an increase in flood risks to developed or partially developed adjacent land and water supplies	
Exceedance of Canal Normal Operating Range (OR)	Maximum peak stage profile levels along the primary canal system exceeding normal operational range stages (canal performance), which reduces discharges from secondary systems, increasing flood risks further inland.	
Nature-based Solutions	The project includes nature-based solutions or green infrastructure in addition to “gray” infrastructure improvements to increase resiliency	5%
Ecosystem Restoration	The project included natural enhancements of the environment by restoring the lands and waters that benefit wildlife.	
Cost Benefit Analysis	The cost-effectiveness of the project is estimated as larger than one, estimated based on avoided economic loss.	2.5%
Previous State Funding	The project received previous state funding for its previous phases, including pre-construction activities, design, permitting, or Phase I Construction.	2.5%
Available Match	The project includes documentation that 50% cost share is available, or funds will be available but have not been appropriated or released.	2.5%
Florida Building Code Design Criteria	Exceedance of the flood-resistant requirements in the Florida Building Codes Act, as adopted by the State of Florida pursuant to Part IV, Chapter 553, F.S. or local floodplain management ordinances.	2.5%
Innovative Technologies	The project proposal includes innovative technologies to optimize project benefits, protect communities and the environment, reduce project costs, and provide regional collaboration.	5%
SIP Overall Rating	The performance level is used to define the ability of the structure to perform its intended function under current conditions, as reported as part of the SFWMD Structure Inspection Program Report (Final Category).	5%
Capital Improvement Program (CIP) Status	Project Status as part of the District's fiscally constrained expenditure plan that lays out anticipated infrastructure investments over the next five years. Project indication about Design or Pre-Design is stated in the CIP.	5%



Web Application

- [SFWMD Sea Level Rise and Flood Resiliency Plan Priority Projects Open GIS 2024 ExB Web App](#)



Adaptation Action Areas (Request)

To ensure comprehensive coverage of local adaptation efforts, we kindly request your assistance in providing the GIS layer or shapefile for your County's adaptation action areas. As our primary county resilience contacts, we also seek your help in confirming the availability of this data from your respective municipalities. Please submit your comments and the GIS layer or shapefile via email to resiliency@sfmwd.gov at your earliest convenience. Feel free to reach out if you have any questions or need further clarification.

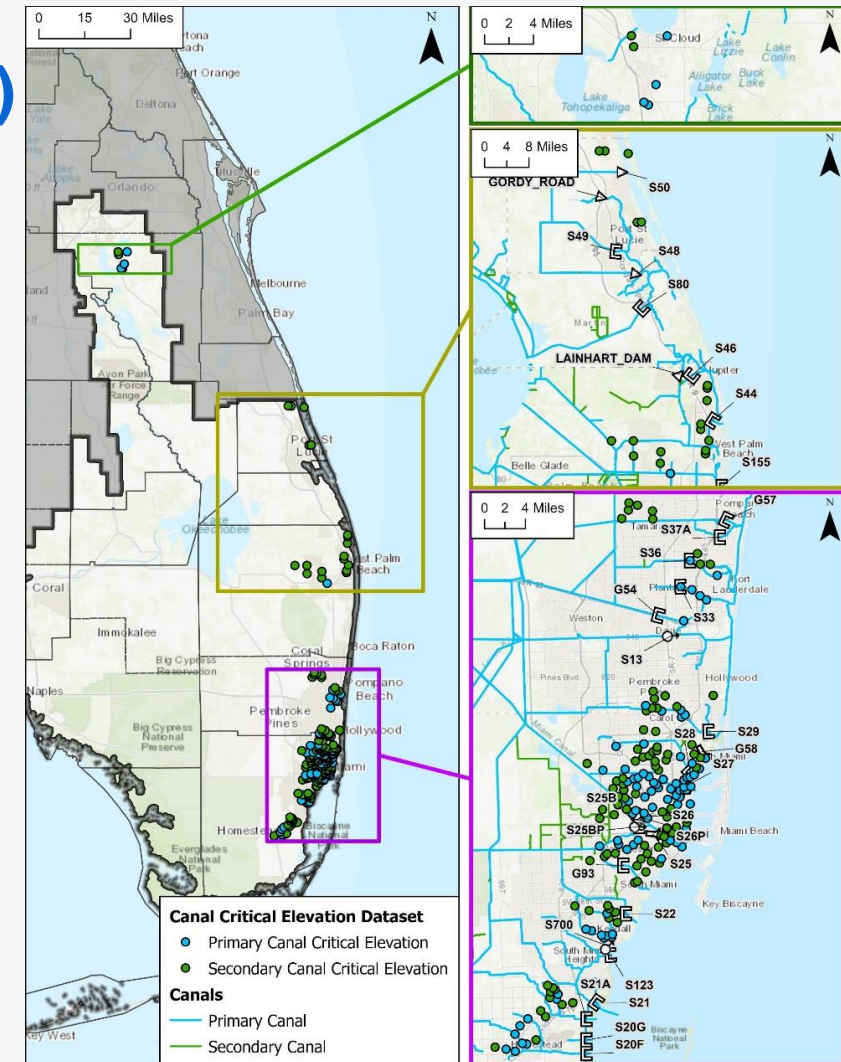
“Adaptation Action Area” or “Adaptation Area” means a designation in the coastal management element of a local government’s comprehensive plan which identifies one or more areas that experience coastal flooding due to extreme high tides and storm surge, and that are vulnerable to the related impacts of rising sea levels for the purpose of prioritizing funding for infrastructure needs and adaptation planning.

-Section 163.3164(1), Florida Statutes



Flood Thresholds (Continued Collaboration)

- Mapping of critical water levels/elevations: early concerns to inform operations
- Previous request to specific Counties, Municipalities, and other Local and Regional Agencies (Critical Elevations)
- To develop a database that describes the various levels of flooding thresholds for each watershed
 - Drainage Capacity or Efficiency Reduced
 - Residential properties and evacuation routes impacted
- Flood thresholds developed with combination of elevation of drainage features, in-situ observations, Level of Service studies.



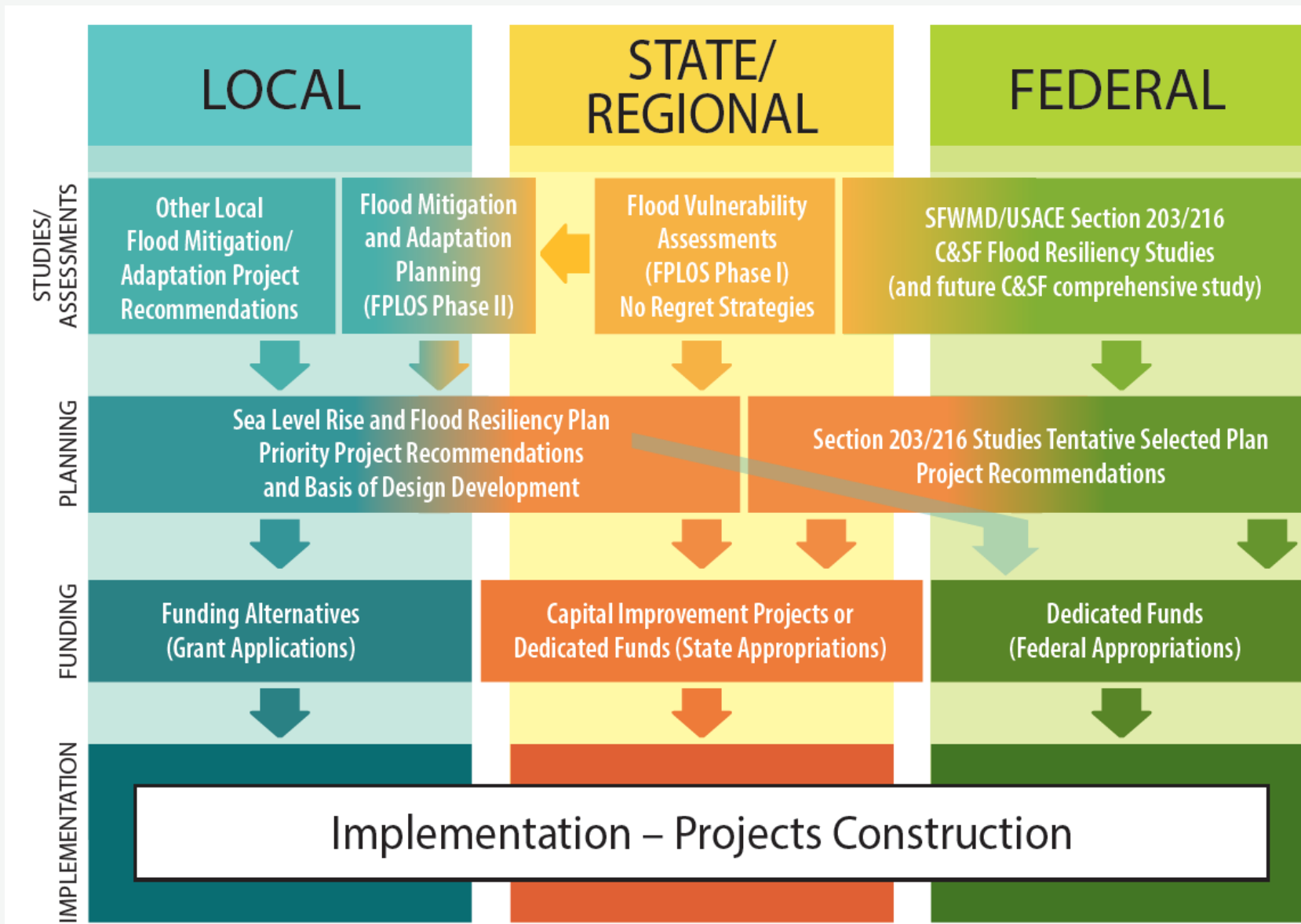


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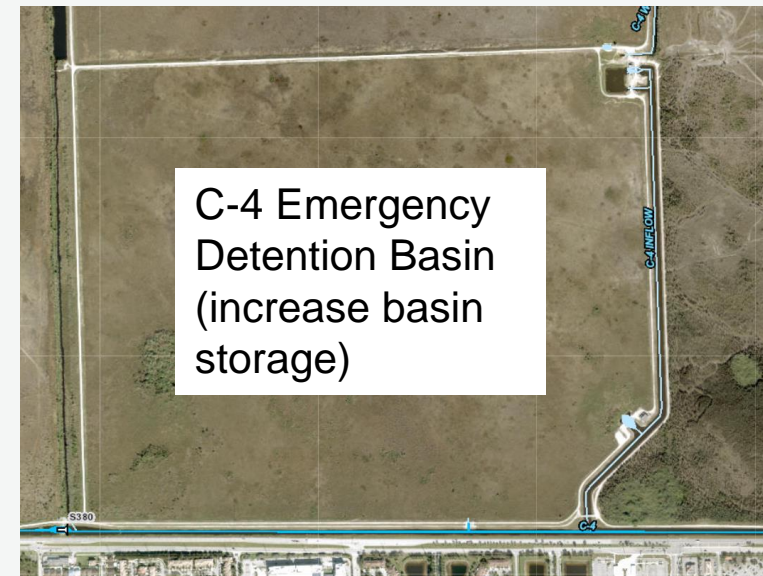
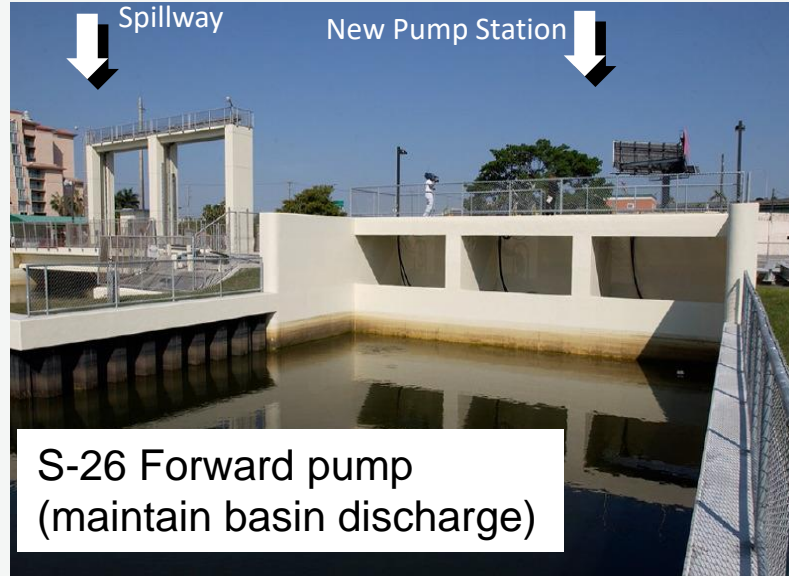
Resiliency Implementation Projects

Tarana Solaiman, Ph.D., P.E.,
Resiliency Project Manager, SFWMD
Eduardo Tovar Cadenas, P.E., MSM,
Construction Project Manager, SFWMD





Examples of Flood Mitigation Solutions



Implementation Grants At a Glance

FDEP Resilient Florida Grant	FEMA/FDEM BRIC Grant	FEMA/FDEM HMGP Grant	FDEP Innov. Tech. Grant	Future Implementation
<ul style="list-style-type: none"> • 7 Awarded Projects <ul style="list-style-type: none"> • \$71.6M Grant • \$59.9M Match • 5 Projects Recommended for Award <ul style="list-style-type: none"> • \$135.4M Grant • \$135.4M Match 	<ul style="list-style-type: none"> • 3 Awarded Projects <ul style="list-style-type: none"> • \$150M Grant • \$62.4M Required Match 	<p>(Hurricane Ian Post Disaster Funds)</p> <ul style="list-style-type: none"> • 1 Project Award Recommendation <ul style="list-style-type: none"> • \$5.55M Grant • \$1.85M Match • 5 Projects Waiting on Tier 2 Allocation <ul style="list-style-type: none"> • \$102M Grant • \$34M Match 	<ul style="list-style-type: none"> • 1 Awarded Project <ul style="list-style-type: none"> • \$3M Grant 	<ul style="list-style-type: none"> • Broward County Sec. 203 Eng. Study (Class III Design) • Additional Basis of Design Development including Milton Post Disaster Funds

- 11 Design/Construction Projects
- Total Awarded: \$347M (including match)
- Total Recommended for Award: \$414M

- 22 Agreements with Funding Agencies & Local Partners
- 28 Executed Vendor Contracts

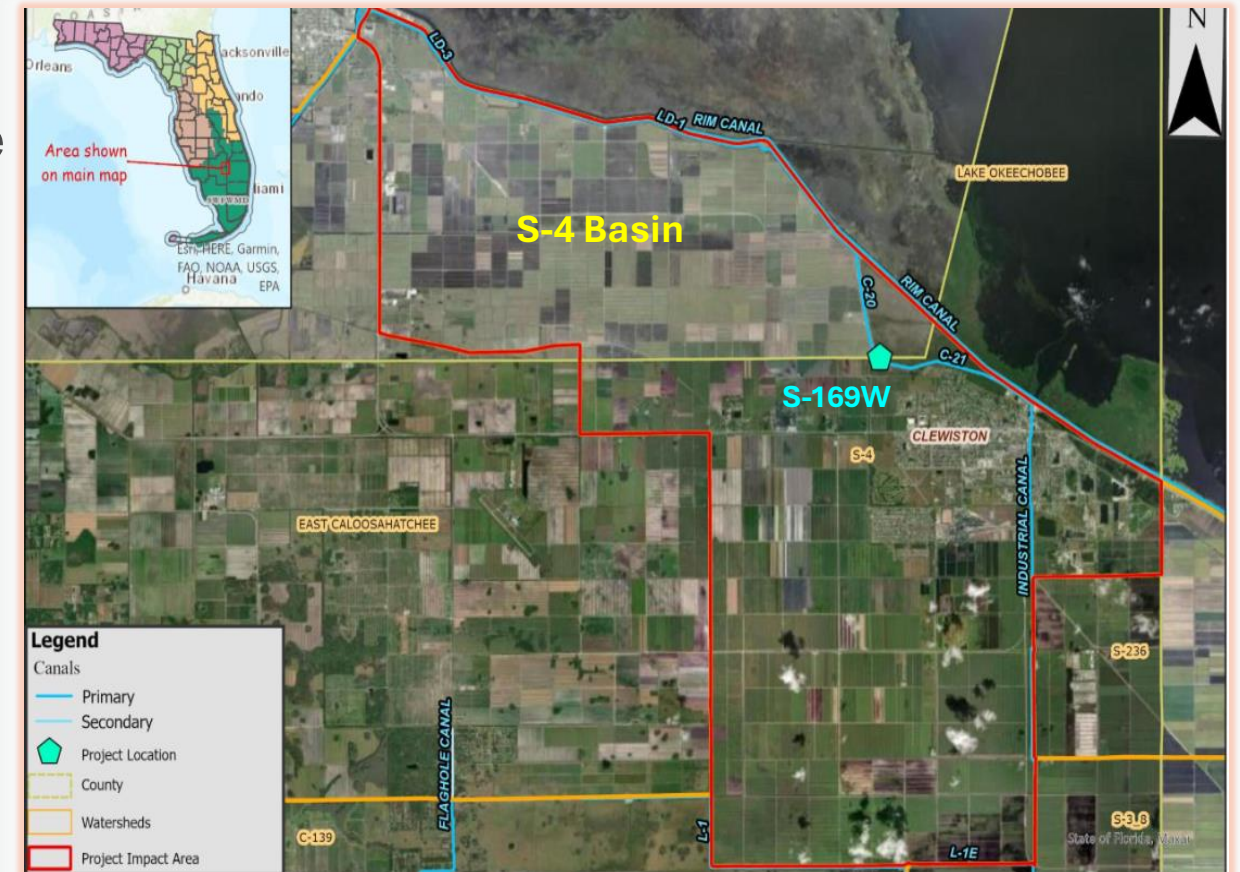


S-169W Structure Improvements

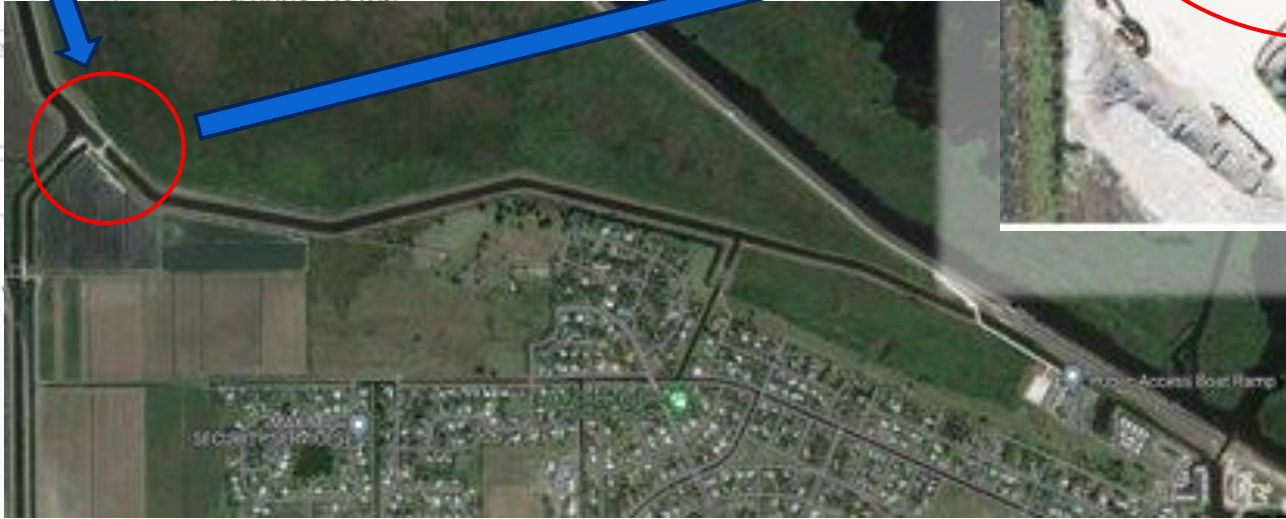
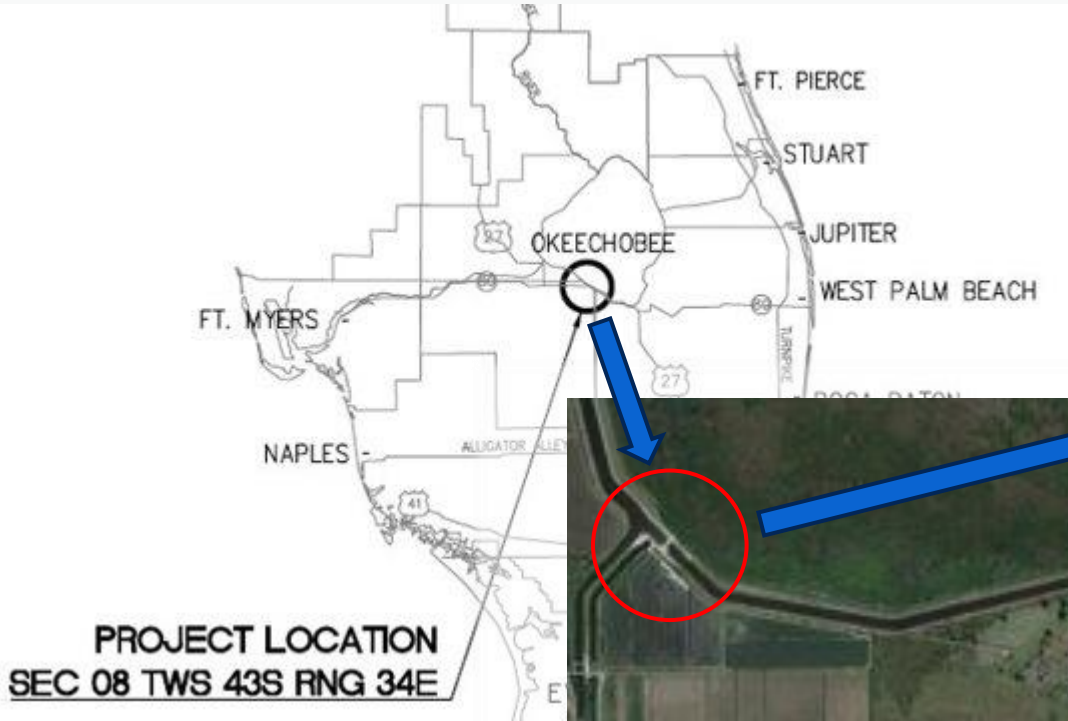
- Component of a regional water management infrastructure
- Flood protection and water supply benefits to the S-4 Basin

Purpose

- Reduce flooding in its service area
- Improve water supply flows in the area in conjunction with other structures
- Remove potential debris build up and improve conveyance in the canal
- Protect threatened Florida Manatees
- Provide longer and effective operation during normal as well as extreme events



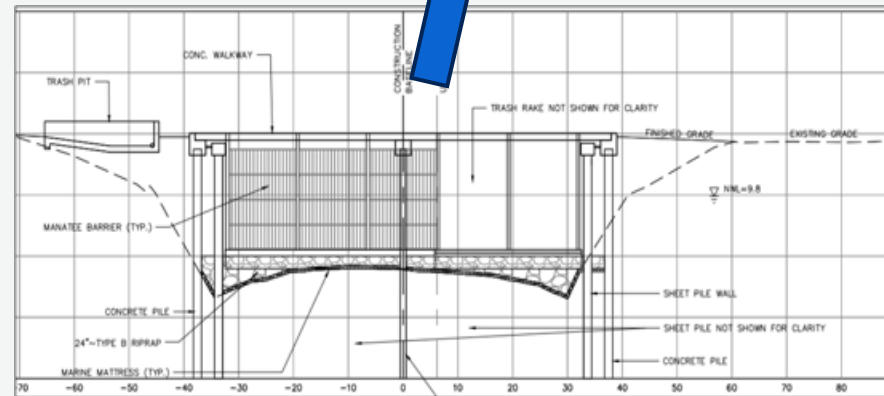
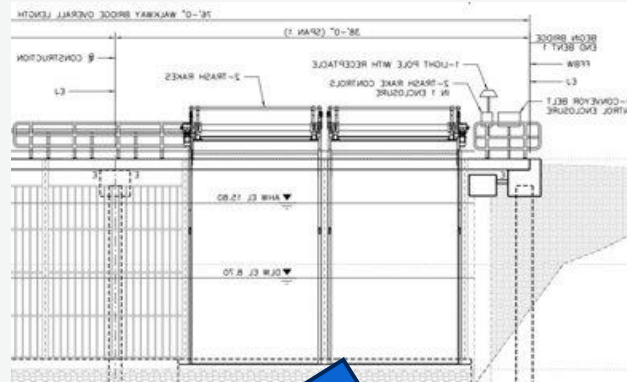
Project Location



Project Status

➤ Project Components

- 4-gated water control structure
- Control building with backup generator
- Cast in place concrete box culvert structure
- Demolition of old S-169 structure
- Main bridge structure
- 2-12.8' wide trash rakes
- A conveyor system with 30" belt with trash pit
- 3-Manatee grates (barriers)



➤ Project Coordination

- FDEP & USACE: Permitting
- City of Clewiston: Construction sequencing & Permits
- US Sugar
- Glades Electric

Remaining Project Schedule

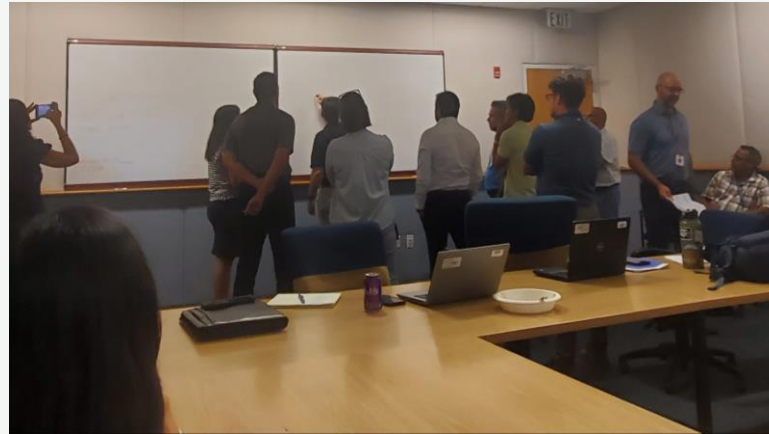
- Design & Permitting: Complete
- Construction: Ongoing
 - Construction Timeline:
 - Substantial Completion – 12/15/2025
 - Final Completion – 02/15/2026
 - Demobilization – 02/27/2026



Implementation Projects in Progress



Site Visit with Miami-Dade County at S-29 Spillway



In-House Design Discussion



Geotechnical Investigation at S-27 Spillway



Geotechnical Investigation at S-29 Spillway



Site Visit at Pickwick Lake, North Miami Beach



Site Reconnaissance Survey at W.H. Turner School NBS Site



04

Q&A





05

Stakeholder Input and Breakout Groups



06

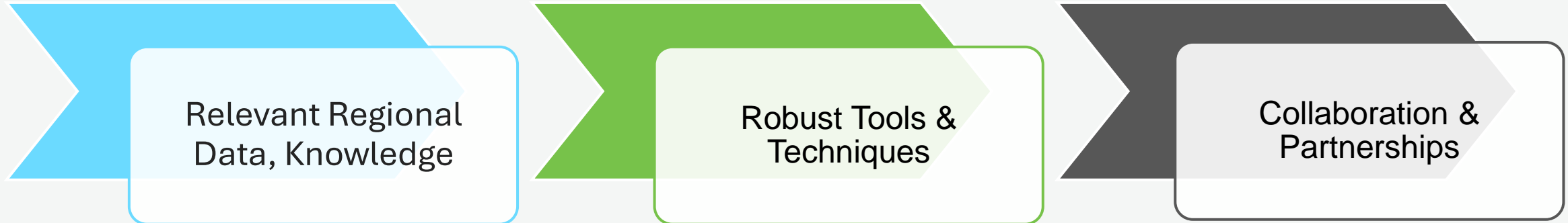
Closing Remarks and Call to Action

Carolina Maran, Ph.D., P.E.,
Chief of District Resiliency, SFWMD



What We are Bringing to the Table

Flood Resiliency: Flood Risk Management, Flood Vulnerability Assessment, Flood Adaptation Strategies



Facilitate the integration of Resilient Florida Statewide Resources and Federal Resources to prioritize locally relevant and effective structural, non-structural, and nature-based solutions

State Resources



Florida Statewide Office of Resiliency

- [FY2024–25 Resilient Recovery Resources For Florida’s Local Governments](#)

Resilient Florida Program, Florida Department of Environmental Protection

- [2024 Statewide Vulnerability Assessment](#) (Password: StateVA)
- [2025–2026 Statewide Flooding and Sea Level Rise Resilience Plan](#)
- [Statewide Assessment](#) (Sea Level Rise Projections)
- [Resilient Florida Grants Dashboard](#)

Florida Flood Hub for Applied Research and Innovation

- [Flood Hub One-Pager](#)



Wet & King Tide Season Preparation

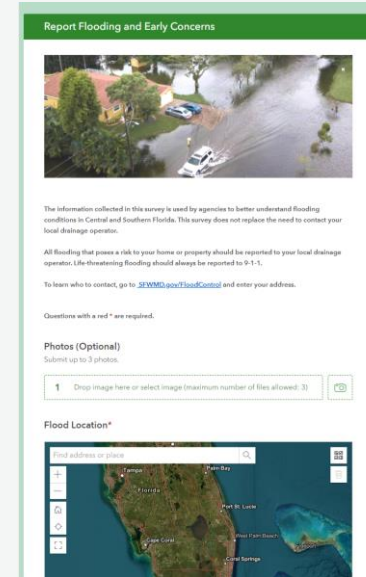
Flood Specific Tools & Resources

- Access Flood Observations: sfwmd.gov/FloodResources
- Submit real-time flood data: sfwmd.gov/FloodingApp

Tidal Predictions

- Stay informed on high tide events: sfwmd.gov/HighTidePredictions

Flood Observations and High-Water Mark Collection Training coming up in April



South Florida Flood Information Resource

A resource for collecting and consolidating flood observations to help us better understand evolving flood patterns associated with King Tides, Rainfall, Tropical Storms, Hurricanes and Storm Surge.

Local Contact Viewer

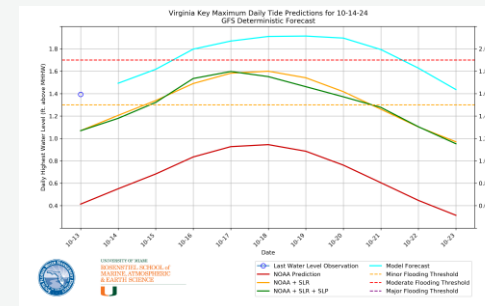
Who to Contact about Flooding in your area:

Use this application to enter an address or location and be returned contact information for local governments and 298 / Special Districts responsible for addressing flooding at this location.

Photos and Flood Observations:

Click or scan this QR code to upload photos or submit information about flooding and/or flooding concerns in your area.

To provide information and photos for past events, please contact Resiliency@sfwmd.gov.



Flood Information and Current Event Viewers: Simple viewer applications designed for exploration of publicly shared Flood Information Repository content.

Flood Information Viewer

Current Event Viewer



Important Dates – Submit your Comment

- February/March – Public Workshops & Early Input
(considering new interval update)
- May 28, 2025 - Draft Plan Presented at Resiliency Forum and Open for Comments
- June 25, 2025 - Public Comment Period Closes
- September 1, 2025 - Final Plan Submission



Adaptation Action Areas (and other equivalent priority areas)

Dear Resiliency Partners,

Beginning this year, the District's Sea Level Rise and Flood Resiliency Plan has been enhanced to include a supplemental map featuring relevant resiliency projects data. The draft 2024 plan and map are linked below for your reference. **To ensure comprehensive coverage of local adaptation efforts, we kindly request your assistance in providing the GIS layer or shapefile for your County's adaptation action areas. As our primary county resilience contacts, we also seek your help in confirming the availability of this data from your respective municipalities.**

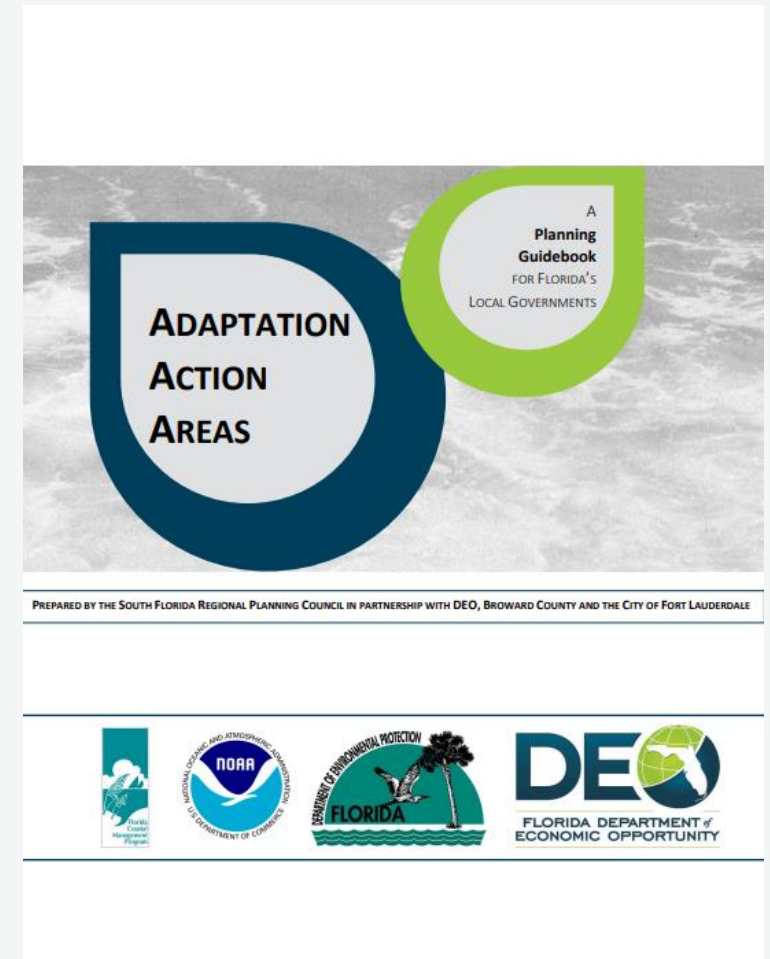
[DRAFT 2024 SFWMD Sea Level Rise and Flood Resiliency Plan](#)

[DRAFT 2024 SFWMD Sea Level Rise and Flood Resiliency Plan Map \(arcgis.com\)](#)

Including your data will not only enrich our map but also strengthen collaborative efforts towards enhancing community resilience. We invite you to submit this data along with any comments on the draft plan and/or map during the extended public comment period, which will now run through Friday, June 28. A formal announcement regarding this new deadline will follow shortly. Please submit your comments and the GIS layer or shapefile via email to resiliency@sfmwd.gov at your earliest convenience.

Feel free to reach out if you have any questions or need further clarification.

Thank you for your ongoing partnership in our shared goal of fostering resilience in our region.



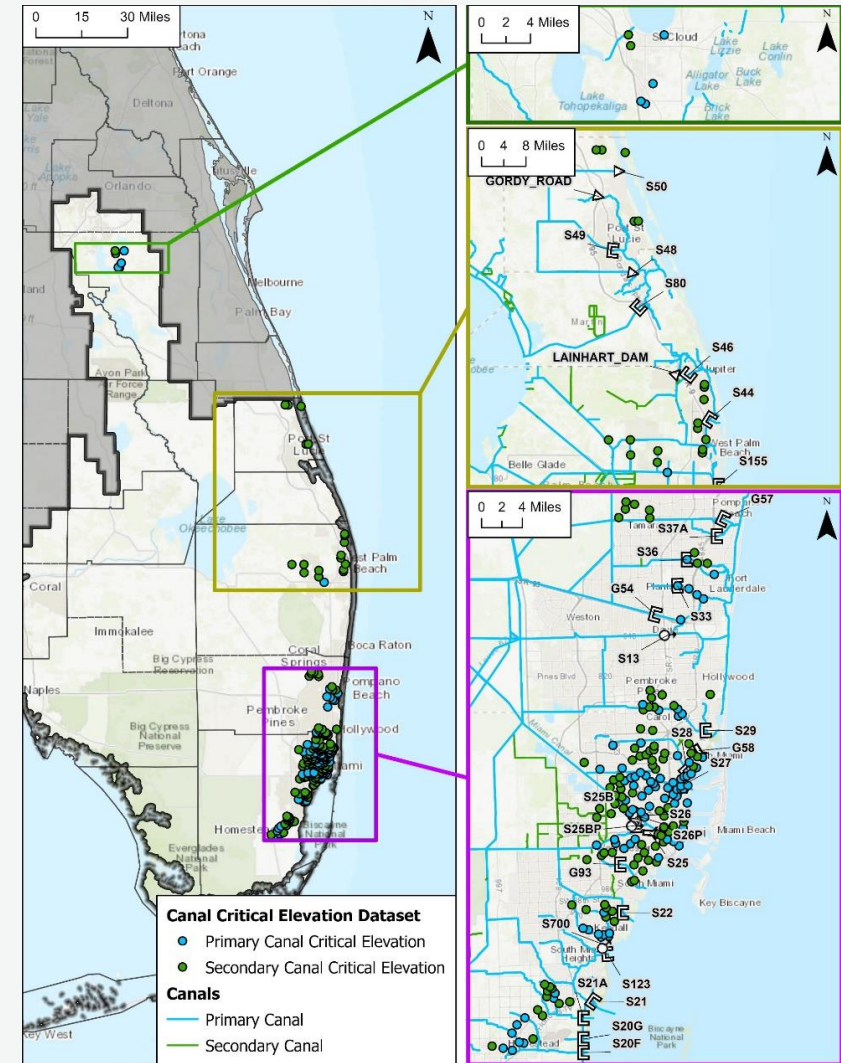
Flood Threshold

- Mapping of critical water levels/elevations: early concerns to inform operations

Table 2. Comparison of Flood Thresholds for High Tides in South Florida.

Results	NOAA NWPC			NOAA NOS			NOAA NOS (Latest Report)			Southeast Florida Regional Climate Compact		
	Minor	Moderate	Major	Minor	Moderate	Major	Minor	Moderate	Major	Initial	Minor	More significant
Virginia Key	0.40 m (MHHW)	0.52 m (MHHW)	0.76 m (MHHW)	0.53 m (MHHW)	0.82 m (MHHW)	1.20 m (MHHW)	0.52 m (MHHW)	0.81 m (MHHW)	1.19 m (MHHW)	0.73 ft (NAVD88) - 0.22 m (MHHW)	1.02 ft (NAVD88) - 0.27 m (MHHW)	1.79 ft (NAVD88) - 0.48 m (MHHW)
Vaca Key	0.33 m (MHHW)	0.49 m (MHHW)	0.64 m (MHHW)	0.51 m (MHHW)	0.81 m (MHHW)	1.18 m (MHHW)	0.51 m (MHHW)	0.81 m (MHHW)	1.19 m (MHHW)	N/A	N/A	N/A
Key West	0.33 m (MHHW)	0.49 m (MHHW)	0.64 m (MHHW)	0.52 m (MHHW)	0.82 m (MHHW)	1.19 m (MHHW)	0.52 m (MHHW)	0.82 m (MHHW)	1.19 m (MHHW)			
South Port Everglades	0.40 m (MHHW)	0.52 m (MHHW)	0.76 m (MHHW)	N/A	N/A	N/A	N/A	N/A	N/A			
Lake Worth	0.40 m (MHHW)	0.52 m (MHHW)	0.76 m (MHHW)	N/A	N/A	N/A	N/A	N/A	N/A			
Naples	0.46 m (MHHW)	0.76 m (MHHW)	1.07 m (MHHW)	0.53 m (MHHW)	0.83 m (MHHW)	1.20 m (MHHW)	0.54 m (MHHW)	0.83 m (MHHW)	1.21 m (MHHW)			
Fort Myers	0.70 m (MHHW)	1.07 m (MHHW)	1.52 m (MHHW)	0.52 m (MHHW)	0.81 m (MHHW)	1.19 m (MHHW)	0.52 m (MHHW)	0.81 m (MHHW)	1.19 m (MHHW)			

N/A: Not Available.





2025 Resiliency Coordination Forum Schedule

JANUARY	FEBRUARY	MARCH
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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JULY	AUGUST	SEPTEMBER
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OCTOBER	NOVEMBER	DECEMBER
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Resiliency Coordination Forum

The Resiliency Coordination Forum is a fact-finding forum to promote regional collaboration between the South Florida Water Management District and local, state, federal and tribal partners on water management initiatives related to resiliency, and engage partners on assessing the impacts of changing climate conditions and water management.

Invited Partners

- Resiliency Leads from 16 Counties and Local Governments
- Local Mitigation Strategy (LMS) Workgroups from 16 Counties
- 298 Districts
- Planning Councils
- Tribes
- State Agencies
- Federal Agencies

2025 Meeting Dates

- Resiliency Plan Workshops
- Wednesday, May 28
- Wednesday, September 3
- Wednesday, December 3

Visit SFWMD.gov/Resiliency for more information.

Resiliency Coordination Forum

All of these forums will be held at the South Florida Water Management District's Headquarters Complex at 3301 Gun Club Road, West Palm Beach, FL 33406.



Resiliency Coordination Forum

2025 Sea Level Rise and Flood Resiliency Plan Update Workshops:

- Workshop #1 – Lower East Coast – February 21, 2025
- Workshop #2 – Upper East Coast – February 25, 2025
- Workshop #3 – Southwest Coast – February 27, 2025
- Workshop #4 – Kissimmee River Basin – March 7, 2025

Upcoming Quarterly Meetings:

- Wednesday, May 28, 2025: **Wet Season / Resiliency Plan**
- Wednesday, September 3, 2025
- Wednesday, December 3, 2025



Post-Workshop Survey

SFWMD 2025 Sea Level Rise and Flood Resiliency Plan Update

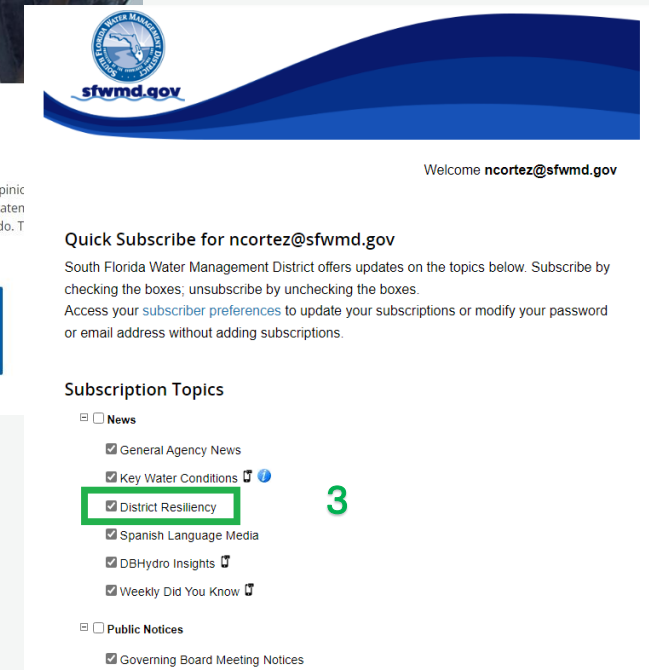


Start now

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1. Click on the “Subscribe for Email” icon
2. Enter your email address
3. Select “District Resiliency” under Subscription Topics



Stay Connected: visit our webpage

www.sfwmd.gov/resiliency for updates and resources





07

Adjourn

Thank you for your participation!

