



# Sea Level Rise and Flood Resiliency Plan

The South Florida Water Management District's Sea Level Rise and Flood Resiliency Plan identifies priority projects and strategies to ensure our water management infrastructure and resources can effectively adapt to sea level rise and flooding risks, while increasing community, economic, and ecosystem resilience in South Florida.

As a key part of its resiliency strategy, the South Florida Water Management District evaluates the condition of its flood control infrastructure and advances adaptation measures needed to sustain reliable flood protection. Advanced vulnerability assessments – capturing compound flood drivers such as rainfall, groundwater, high tides, and storm surge – are supported by state-of-the-art integrated hydrologic modeling through the Flood Protection Level of Service Program. These efforts guide the identification of cost-effective solutions to ensure drainage basins can maintain their designated level of flood protection under both current and future conditions.

The proposed resiliency projects, summarized in the table on the next page, focus on upgrading critical flood control infrastructure and addressing basin-wide adaptation needs, while also sustaining protection of the region's water supply and water resources of the State. Complementary planning initiatives include advancing vulnerability assessments, expanding scientific research, and strengthening data collection and analysis to ensure recommendations are grounded in the best available science and rigorous technical evaluations.

Visit [South Florida Water Management District.gov/FloodResiliencyPlan](https://www.sfwmd.com/FloodResiliencyPlan) for more information.



## FLOOD PROTECTION LEVEL OF SERVICE PHASE II STUDIES

**Project recommendations from adaptation planning studies**

- Includes specific project recommendations such as properly sized engineering and nature-based solutions

## CENTRAL & SOUTH FLORIDA FLOOD RESILIENCY STUDIES

**Project recommendations from feasibility and engineering studies**

- Primary Structures Enhancements
- Class 4 Cost Estimates
- Engineering Studies

## FLOOD PROTECTION LEVEL OF SERVICE PHASE I STUDIES

**Project recommendations from flood vulnerability assessments**

- No-regret strategies

## EVENT RESPONSE

**Project recommendations from extreme events**

- Post-Storm or Event Response
- Hurricanes Ian and Milton

## CAPITAL IMPROVEMENT PROJECTS

**Project recommendations that are integrated into capital improvement project needs**

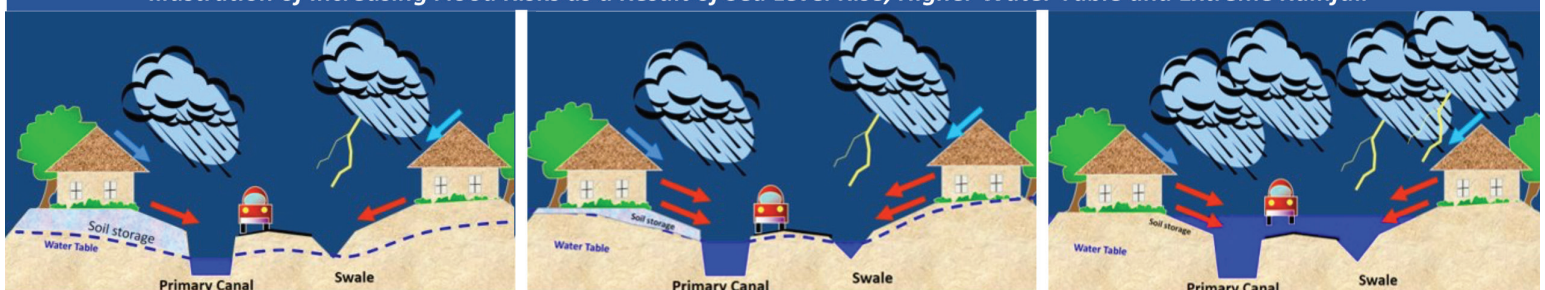
- Water control infrastructure improvements

## INNOVATIVE PROJECTS

**Project recommendations that are new and innovative**

- Nature-Based Solutions
- Integration to Existing Comprehensive Everglades Restoration Plan Projects
- Alternative energy sources
- Other grant funding requirements

*Illustration of Increasing Flood Risks as a Result of Sea Level Rise, Higher Water Table and Extreme Rainfall*



# RESILIENCY IMPLEMENTATION PROJECTS

PRIORITY PROJECT NAME	IMPLEMENTATION STATUS	FUNDING STATUS
Coastal Structure Enhancement and Self Preservation Mode	Ongoing Design and Construction	Fully Funded \$6.3M Florida Department of Environmental Protection Resilient Florida + South Florida Water Management District Match
JW Corbett Wildlife Management Area Hydrologic Restoration and Levee Resiliency	Ongoing Construction	Fully Funded \$9.7M Florida Department of Environmental Protection Resilient Florida, \$2M Palm Beach County + South Florida Water Management District Match
Hardening of S-2, S-3, S-4, S-7, S-8 Engine Control Panels (Building Resiliency in Water Management South of Lake Okeechobee)	Ongoing Construction	Fully Funded \$8.5M Florida Department of Environmental Protection Resilient Florida + South Florida Water Management District Match
S-169W Structure Resiliency	Ongoing Construction	Fully Funded \$6M Florida Department of Environmental Protection Resilient Florida + South Florida Water Management District Match
Homestead Field Station Replacement	Ongoing Construction	Fully Funded \$10M Florida Department of Environmental Protection Resilient Florida + South Florida Water Management District Match
Big Cypress Basin Microwave Tower (Lake Trafford Tower)	Ongoing Construction	Fully Funded \$10M South Florida Water Management District/Big Cypress Basin, Withdrawn Federal Emergency Management Agency Hazard Mitigation Grant Program
L8 Flow Equalization Basin / G539 PS - Resiliency Upgrades	Ongoing Design and Construction	Included in the 2025-26 Statewide Resiliency Plan
L-15 Project Culvert Replacements	Ongoing Construction	Included in the 2025-26 Statewide Resiliency Plan
G-6A New Pump Station	Ongoing Construction	Included in the 2025-26 Statewide Resiliency Plan
C-7 Basin Resiliency and S-27 Coastal Structure	Design Completed	Partially funded \$1.71M Federal Emergency Management Agency Hazard Mitigation Grant Program (Design) + \$7.1M Florida Department of Environmental Protection Resilient Florida + South Florida Water Management District Match, Included in the 2026-27 Statewide Resiliency Plan
C-8 Basin Resiliency and S-28 Coastal Structure	Design Completed	Partially funded \$2.52M Federal Emergency Management Agency Hazard Mitigation Grant Program (Design) + \$28M Florida Department of Environmental Protection Resilient Florida + South Florida Water Management District Match
C-9 Basin Resiliency and S-29 Coastal Structure	Design Completed	Partially funded \$1.85M Federal Emergency Management Agency Hazard Mitigation Grant Program (Design) + \$26.7M Florida Department of Environmental Protection Resilient Florida + South Florida Water Management District and South Broward Drainage District Match, Included in the 2026-27 Statewide Resiliency Plan
Hillsboro Canal Basin Resiliency	Ongoing Feasibility Study Reach A, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 203 Study, \$10M from Broward/Florida Department of Environmental Protection + South Florida Water Management District Match)
C-14 Basin Resiliency	Ongoing Feasibility Study Reach A, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 203 Study, \$10M from Broward/Florida Department of Environmental Protection + South Florida Water Management District Match)
Pompano Canal Basin Resiliency	Ongoing Feasibility Study Reach A, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 203 Study, \$10M from Broward/Florida Department of Environmental Protection + South Florida Water Management District Match)
C-13 Basin Resiliency	Ongoing Feasibility Study Reach A, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 203 Study, \$10M from Broward/Florida Department of Environmental Protection + South Florida Water Management District Match)
C-12 Basin Resiliency	Ongoing Feasibility Study Reach A, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 203 Study, \$10M from Broward/Florida Department of Environmental Protection + South Florida Water Management District Match)
North New River Canal Basin Resiliency	Ongoing Feasibility Study Reach A, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 203 Study, \$10M from Broward/Florida Department of Environmental Protection + South Florida Water Management District Match)
C-11 Basin Resiliency	Ongoing Feasibility Study Reach A, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 203 Study, \$10M from Broward/Florida Department of Environmental Protection + South Florida Water Management District Match)
North Biscayne Bay Basin Resiliency	Not Started	Not Funded Yet
C-6 Basin Resiliency	Ongoing Feasibility Study Reach C, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 216 Study, 50/50 cost share U.S. Army Corps of Engineers Jacksonville District and South Florida Water Management District)
C-5 Basin Resiliency	Ongoing Feasibility Study Reach C, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 216 Study, 50/50 cost share U.S. Army Corps of Engineers Jacksonville District and South Florida Water Management District)
C-4 Basin Resiliency	Ongoing Feasibility Study Reach C, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 216 Study, 50/50 cost share U.S. Army Corps of Engineers Jacksonville District and South Florida Water Management District)
C-3 Basin Resiliency	Ongoing Feasibility Study Reach C, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 216 Study, 50/50 cost share U.S. Army Corps of Engineers Jacksonville District and South Florida Water Management District)
C-2 Basin Resiliency	Ongoing Feasibility Study Reach C, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 216 Study, 50/50 cost share U.S. Army Corps of Engineers Jacksonville District and South Florida Water Management District)

PRIORITY PROJECT NAME	IMPLEMENTATION STATUS	FUNDING STATUS
C-3 Basin Resiliency	Ongoing Feasibility Study Reach C, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 216 Study, 50/50 cost share U.S. Army Corps of Engineers Jacksonville District and South Florida Water Management District)
C-2 Basin Resiliency	Ongoing Feasibility Study Reach C, Class 4 Cost Estimate Engineering Studies	Partially funded (Central & South Florida Section 216 Study, 50/50 cost share U.S. Army Corps of Engineers Jacksonville District and South Florida Water Management District)
Myrtle Local Management Area Resiliency	Initial Grant Feasibility Study (S-58)	Applied for Federal Emergency Management Agency Hazard Mitigation Grant Program Post Disaster Fund - Hurricane Ian (Tier 2 Allocation)
East Toho Local Management Area Resiliency	Initial Grant Feasibility Study (S-59, C31)	Applied for Federal Emergency Management Agency Hazard Mitigation Grant Program Post Disaster Fund - Hurricane Ian (Tier 2 Allocation)
Toho Local Management Area Resiliency	Initial Grant Feasibility Study (S-61, C35)	Applied for Federal Emergency Management Agency Hazard Mitigation Grant Program Post Disaster Fund - Hurricane Ian (Tier 2 Allocation)
Alligator Local Management Area Resiliency	Ongoing Basis of Design Development	Applying for Federal Emergency Management Agency Hazard Mitigation Grant Program Post Disaster Fund - (S60/C33) Hurricane Milton
Hart Local Management Area Resiliency	Ongoing Basis of Design Development (S57, C29, C30, S62, Lake Mary Pump)	Applying for Federal Emergency Management Agency Hazard Mitigation Grant Program Post Disaster Fund - Hurricane Milton
Gentry Local Management Area Resiliency	Ongoing Basis of Design Development (S-63, C-34)	Applying for Federal Emergency Management Agency Hazard Mitigation Grant Program Post Disaster Fund - Hurricane Milton
Cypress Local Management Area Resiliency	Not Started	Not Funded Yet
Hatchineha Local Management Area Basin	Not Started	Not Funded Yet
Kissimmee Local Management Area Basin	Not Started	Not Funded Yet
C-1 Basin Resiliency	Not Started	Not Funded Yet
C-100 Basin Resiliency	Not Started	Not Funded Yet
Goulds Canal Basin Resiliency	Not Started	Not Funded Yet
Homestead Air Reserve Base Basin Resiliency	Not Started	Not Funded Yet
C-102 and C-102N Basin Resiliency	Not Started	Not Funded Yet
C-103 and C-103N Basin Resiliency	Not Started	Not Funded Yet
L-31NS Basin Resiliency	Not Started	Not Funded Yet
C-111 AG Basin Resiliency	Not Started	Not Funded Yet
C-111 South and C-111 Coastal Basin Resiliency	Not Started	Not Funded Yet
US1 Basin Resiliency	Not Started	Not Funded Yet
MODEL-LAND Basin Resiliency	Not Started	Not Funded Yet
L-31E Flood Barrier Improvements	Not Started	Not Funded Yet
C-15 Watershed Resiliency	Not Started	Not Funded Yet
C-16 Watershed Resiliency	Not Started	Not Funded Yet
C-17 Watershed Resiliency	Not Started	Not Funded Yet
C-51 East Watershed Resiliency	Not Started	Not Funded Yet
C-51 West Watershed Resiliency	Not Started	Not Funded Yet
L8 Watershed Resiliency	Initial Grant Feasibility Study (L-8 Culverts)	Not Funded Yet
Henderson-Belle Meade Basin Resiliency	Not Started	Not Funded Yet
Remaining Water Control Structures Resiliency	Not Started	Not Funded Yet
Directing Coastal Ecosystem Resilience	Initial Design (MEME)	Partially funded (South Florida Water Management District)
South Miami-Dade Curtain Flood Barrier	Not Started	Not Funded Yet

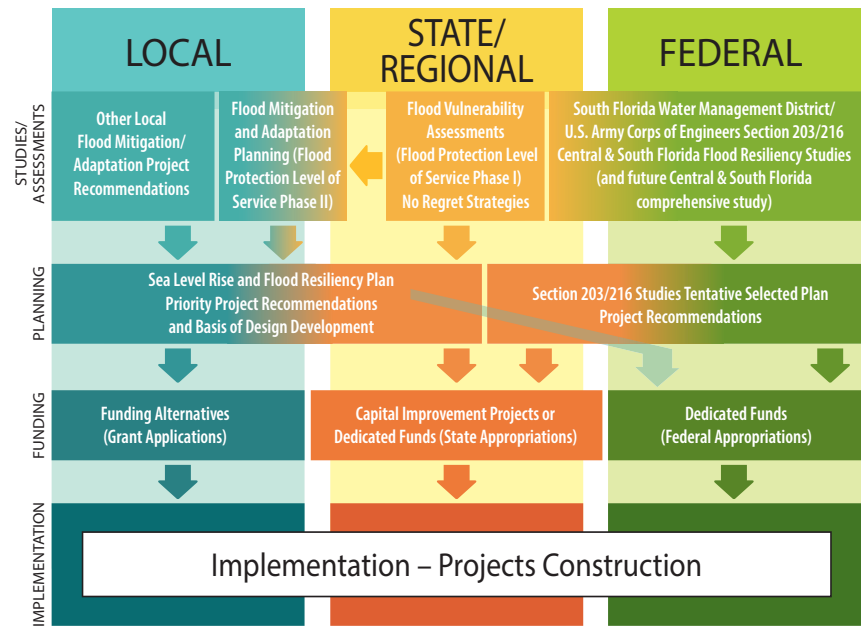
## FUNDING RESILIENCY PROJECTS

The projects presented in the table on the previous pages represent critical flood control infrastructure investments that reduce flood risks and protect homes, businesses, and communities. The projects reflect a strategic, science-driven, and risk-informed approach to strengthening South Florida's resiliency.

These investments are essential to sustaining the region's economic vitality, protecting ecosystems, and safeguarding public health and safety.

The South Florida Water Management District Sea Level Rise and Flood Resiliency Plan provides a shared vision for adaptation, advancing infrastructure solutions, and protecting quality of life.

Continued support from local, state, and federal partners is vital to secure the funding and policy frameworks needed to bring these projects to implementation. Together, with sound science, risk-informed decision making, and strong partnerships, South Florida is leading the way in resiliency.



Sea levels are expected to continue to rise, and low-lying parts of Florida will experience worsening flooding without enhancing water management infrastructure and implementing effective, resilient, integrated basin-wide solutions.

