

Synthesizing monitoring and research data to assist local and regional decision makers

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Abstract

- **Water quality and environmental monitoring data** is collected by many organizations
- Data is provided in **different formats**
- **Test names can differ** across agencies and years
- Reliability codes in data can make **understanding difficult**
- **Difficult to access** for citizens and community leaders
- **No centralized location** for water quality and land use information together
- Created 'Land Use and Water Quality Data Within the GTM NERR' website (storymap) to provide **publicly accessible** information
- **Dynamic** page with input from the Oyster and Water Quality Task Force
- **Contains** locations of water supply, stormwater treatment and outfalls, wastewater treatment and outfalls, points of interests such as schools, hospitals and parks, locations of research projects, areas of potential sea level rise, and records of the GTM NERR's SWMP monitoring data

Present Data

- SWMP data from all 4 monitoring stations
- Land use (DOR use codes and FLUCCS)
- Sewer/Septic service
- Soil drainage classifications
- Public Water Supply Tanks, Plants, and Wells, Wastewater Treatment Facilities and Sites, Stormwater Facilities and Activities
- Reclaimed (Reuse) Water Supply Lines within SJRWMD
- Schools, parks and hospitals
- Studies oyster reefs
- Area Waterbodies, including Impaired
- Clean Marinas
- Greenways and Paddling Trails
- Aquatic Preserves
- Outstanding Florida Waters
- Wastewater Systems (by parcel)
- Potential Sea Level Rise (SLR) (1-, 2- and 3-foot)
- WIN (FDEP) Monitoring Locations
- Florida Aquatic Preserves and Outstanding Florida Waters

Goals and Objectives

- Goal:** Make available to the public a synthesis of water quality, land use and related information
- Objective 1:** Respond to needs expressed by the Oyster and Water Quality Task Force for information useful to achieving their mission
- Objective 2:** Synthesize multiple data sources to one publicly accessible site

Ongoing Activities

- **Periodic updates** to data
- Add water quality data from **STORET/WIN STORET**
- Respond to **additional information** needs from the Task Force
- **Continuous usability improvement**

Results

<https://arcg.is/1SneqK>

