



Planning for Sea Level Rise in the Matanzas Basin

Research Objectives and Workshop Stations



Research Objectives

Workshop Stations

1

STUDY AREA: Identify areas of concern within the Matanzas River Watershed and around the GTM Research Reserve related to the:

- Built environment
- Natural environment

Project Overview Station:
Collaborative and Technical Methods

2

PARTNERSHIPS: Build partnerships with the GTM Research Reserve and Steering Committee

3

LOCAL VALUES:

- Collect stakeholder and community input
- Research and collect other regional data

Local Values Station

4

VULNERABILITY: Identify future impacts and vulnerabilities from sea level rise

- Computer models of impacts in coastal areas
- Vulnerability assessments

SLR Impacts on GTM Properties and Surrounding Communities Stations

5

FUTURE DEVELOPMENT SCENARIOS

- Scenario showing current development trend
- Scenario protecting conservation priority areas

Future and Historic Development Patterns Station

6

CONSERVATION: Assess future conservation priorities and impacts at three scales:

- Important species (shorebirds, bears)
- Natural communities (uplands, marshes)
- Landscape (regional scale)



Conservation Priorities for Adaptation and Ecological Protection Station

7

ADAPTATION: Identify integrated adaptation strategy options based on stakeholder input and research for:

- GTM Research Reserve and natural areas
- Coastal and upland developed areas

Adaptation Strategies for GTM Properties and Surrounding Communities Stations

8

ADAPTIVE CAPACITY AND READINESS ASSESSMENT

- Based on stakeholder input and analysis of strengths, weaknesses, opportunities, and threats (SWOT analysis)

Adaptive Capacity and Readiness Station

How You Can Be Involved

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