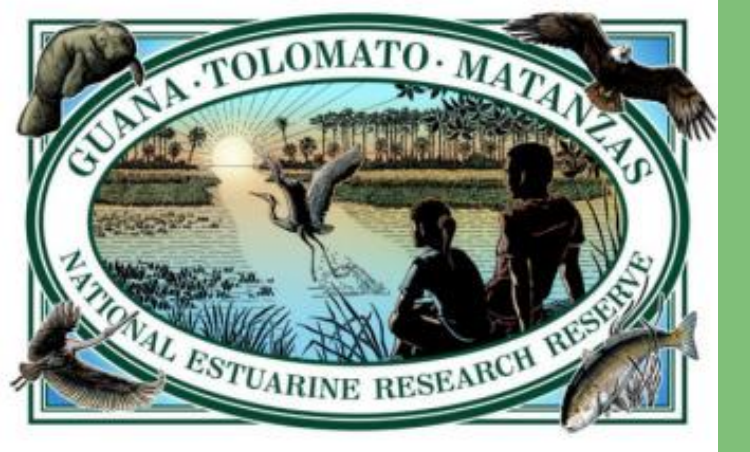




Planning for Sea Level Rise in the Matanzas Basin Conservation Priorities and Impacts from Sea Level Rise and Land Use Change



multi-scale

Assess existing and future conservation impacts and priorities at three levels:



Focal species based on Florida Natural Areas Inventory (FNAI) data and local reserve management plans

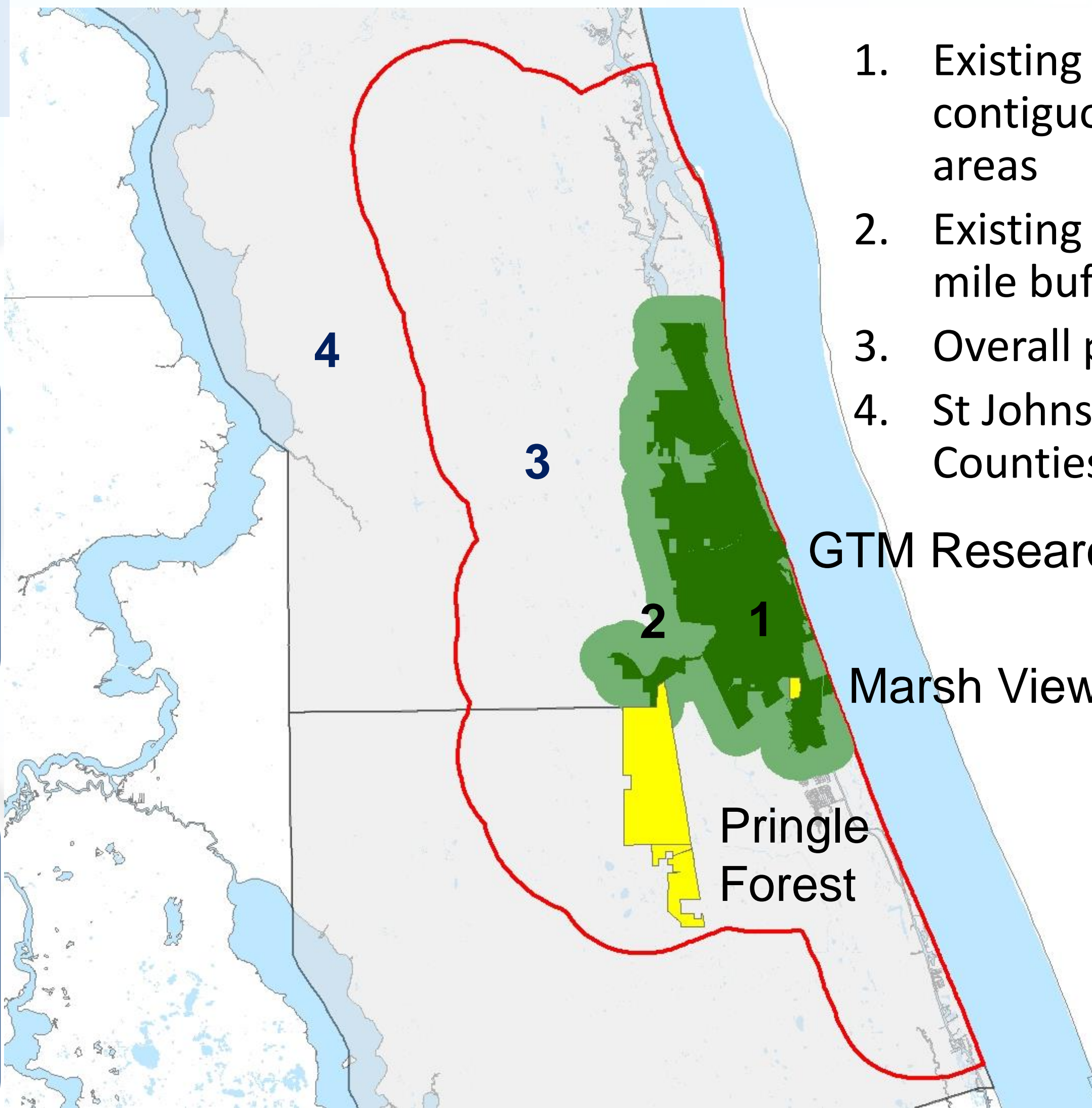


Natural communities



Landscapes

Four scales of analysis- regional to reserve-scale:



1. Existing reserve and contiguous conservation areas
2. Existing reserve plus 1 mile buffer
3. Overall project study area
4. St Johns and Flagler Counties

impacts

- 1 meter sea level rise
- 2.5 meter sea level rise
- Future development scenarios

analyses

1	Focal Species
2	Priority Natural Communities
3	Surface Water Priorities
4	Biodiversity Hotspots
5	Salt Marsh Protection
6	Coastal to Inland Connectivity Priorities
7	Reserve Scale Conservation Priorities
8	Regional Conservation Priorities

priorities

- Regional
- Study area
- Reserve-scale

Specific priority maps (marsh protection, coastal to inland connectivity, species habitat)

Aggregated priority maps