



What is a Watershed Management Plan(WMP)?

- Coordinate and collect information from stakeholders and community members
- Assess the quality of the watershed with its current inputs
- Improve and sustain water quality
- Provide guidance to resource managers and policy managers





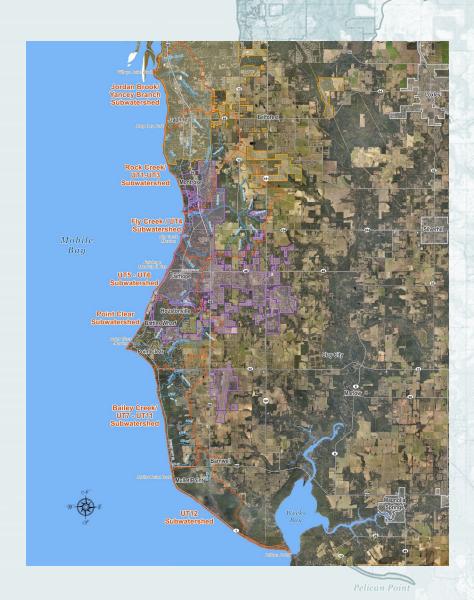
Watershed Management Planning Process

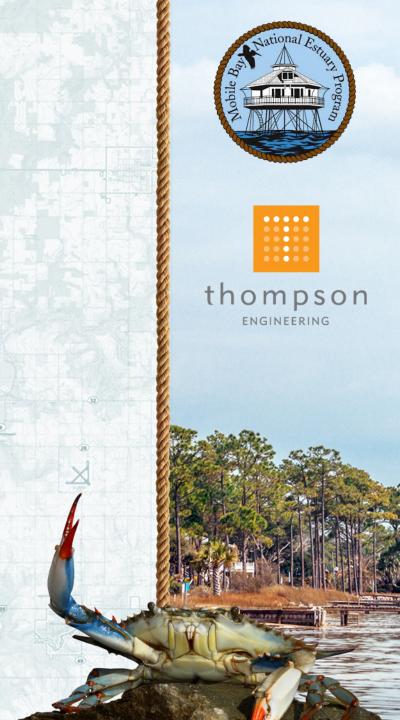
- Mo Outreach and Education
- Soliciting Watershed Knowledge
- Collecting Data
- Obtaining Community Buy-In
- Plan Implementation





Subwatershed Map





Seven Subwatersheds

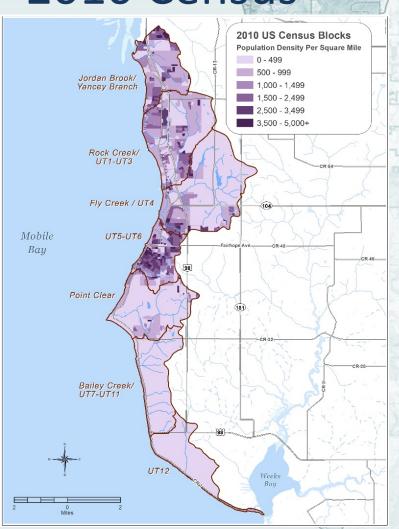
Mobile

- Jordan Brook/Yancy Branch: 3.8 Sq.Mi.
- Rock Creek / UT1-UT3: 6.5 Sq.Mi.
- Fly Creek / UT-4: 8.48 Sq.Mi.
- UT5 UT6 (City of Fairhope core): 2.86 Sq.Mi.
- Point Clear: 5.28 Sq.Mi.
- Bailey Creek / UT7-UT11: 4.45 Sq.Mi.
- UT12: 3.62 Sq.Mi,





Population Density: 2010 Census



 Greatest population densities are associated with Daphne and Fairhope

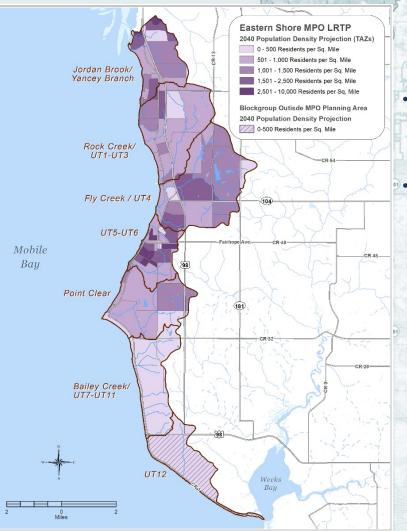
Areas with the lowest density are south of Fairhope in the Point Clear and Bailey Creek sub-watersheds







2040 Population Projections



Greatest population increases
 appear to be in headwater areas of the Fly Creek and Point Clear subwatersheds

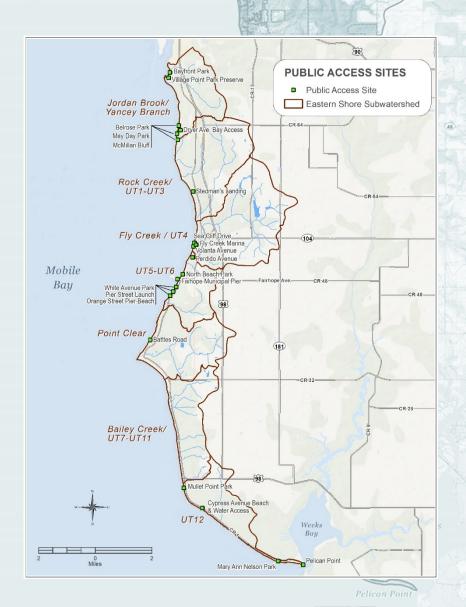
Lesser but still significant increases in downstream areas of Point Clear sub-watershed and Fly Creek subwatershed







Coastal Public Access

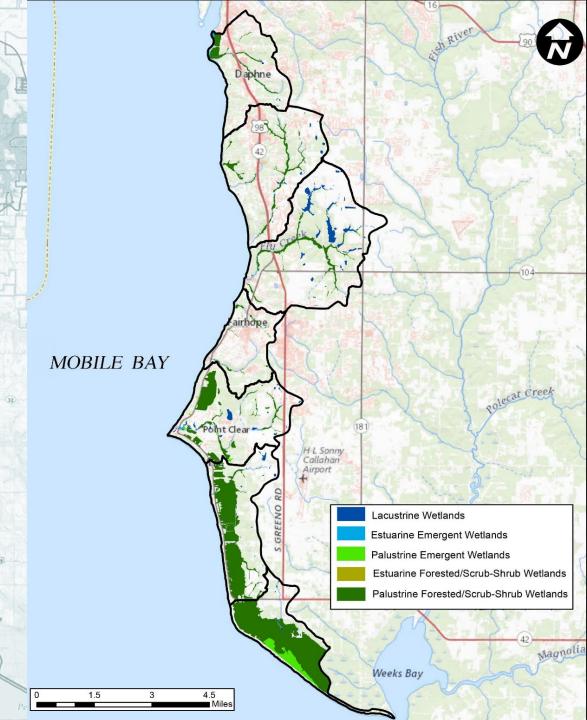




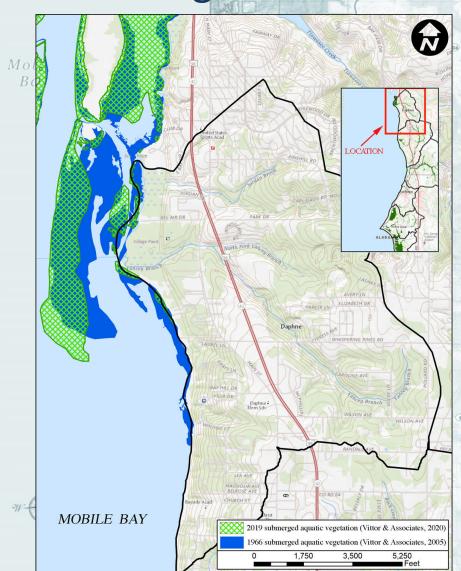
Wetlands

Mahila	- Sept 2000 1960 37 CT 7 209 75	
Sub-Watershed	Total	
	Acres	
Jordan Brook-Yancy	141.8	
Branch		
Rock Creek-UT1 to	177.4	
UT3		
Fly Creek-UT4	377.1	
UT5-UT6	30.8	
Point Clear Creek	444.8	
Bailey Creek-UT7 to	903.5	
UT11		
UT12	1,422.5	
Total	3,497.9	





Submerged Aquatic Vegetation



Pelican Point



Riparian Buffers

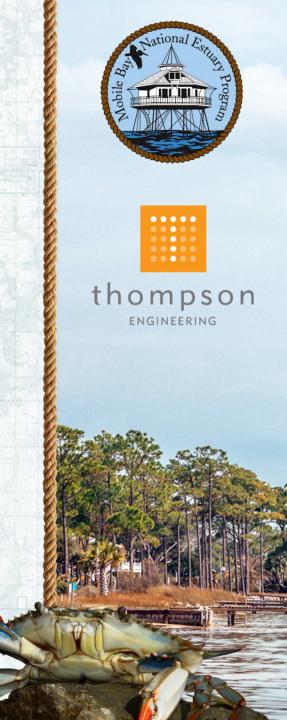
Sub-Watershed	100-ft Bu		50-ft Buffer	
Jub Watershed	Natural	Altered	Natural	Altered
Jordan Brook, Yancy Branch	78%	22%	81%	19%
Rock Creek, UT1 to UT3	74%	26%	75%	25%
Fly Creek, UT4	73%	27%	74%	26%
UT5, UT6	59%	41%	61%	39%
Point Clear Creek	61%	39%	66%	34%
Bailey Creek, UT7 to UT11	71%	29%	72%	28%
UT12	58%	42%	58%	42%

Natural – Forested Upland, Wetland, Water

Altered - Urban, Barren, Ag, Shrub, Grassland





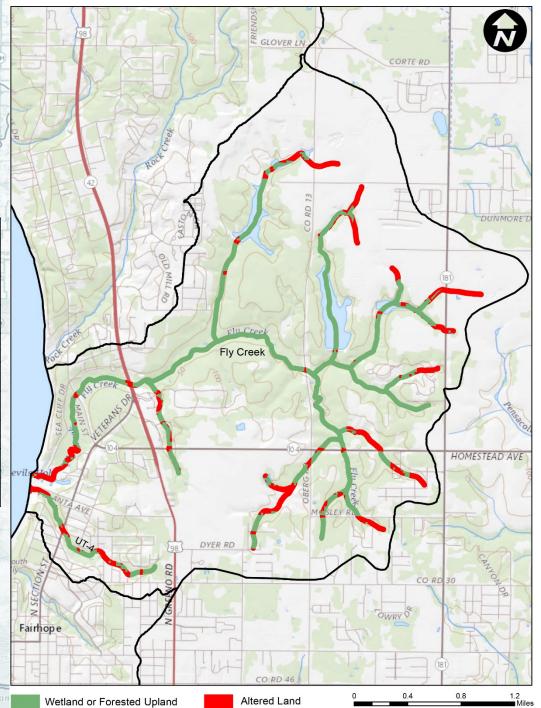


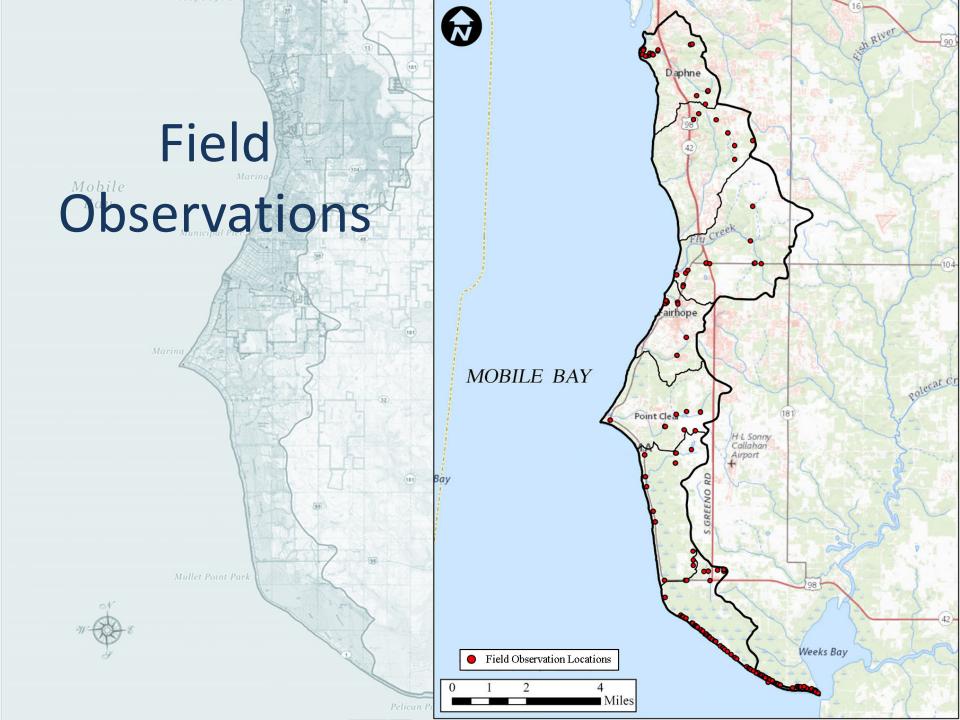


Mobile Bay

	NLCD	
	Category	Acreage
Unnatural	Developed	49.2
	Barren	0.1
	Shrub	0.6
	Grassland	3.1
	Agriculture	57.8
Natural	Wetland	123.2
	Forest	115.5
	Water	53.6





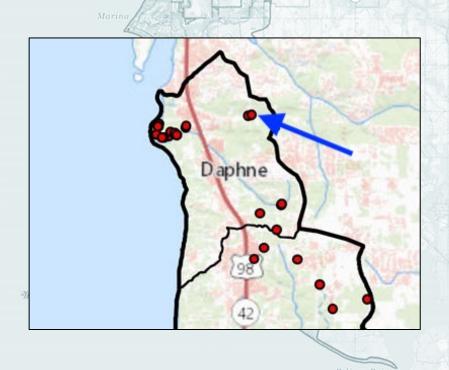


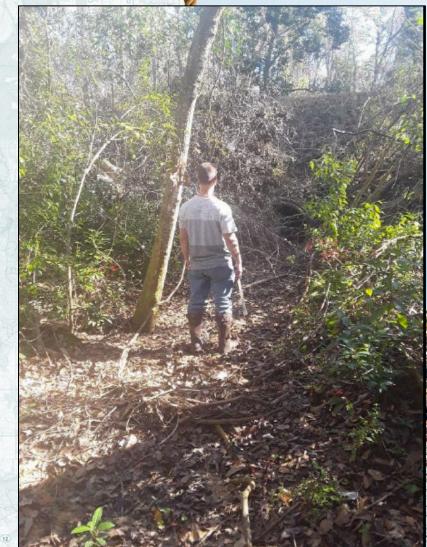
Field Observations



Mobile Upper Jordan Brook

- Heavily silted watercourse
- Functionally not a wetland





Field Observations

National Estimate Program

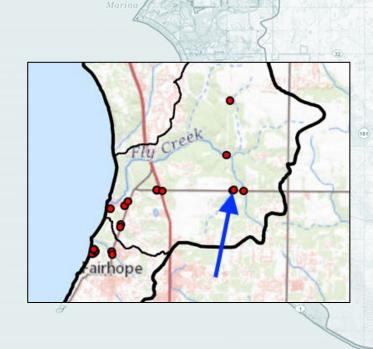
Mobile Bay

Fly Creek Tributary at CR 104

- Highly incised watercourse
- No wetlands

Significant erosion and headcutting







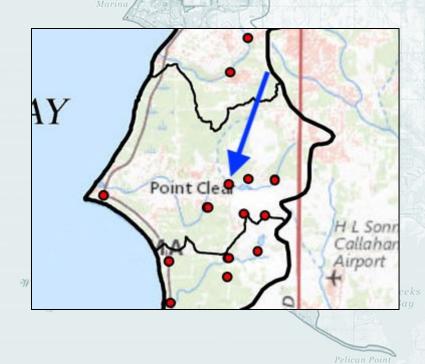
Field Observations



Mobile Bay

Point Clear Creek

- No wetlands
- Eroded watercourse
- Headcutting drain





Invasive Plants



Exotic pale yellow iris (*Iris pseudacorus*) at Fairhope Pier Park

Numerous exotic species at nearly every field location visited, including in wetlands.

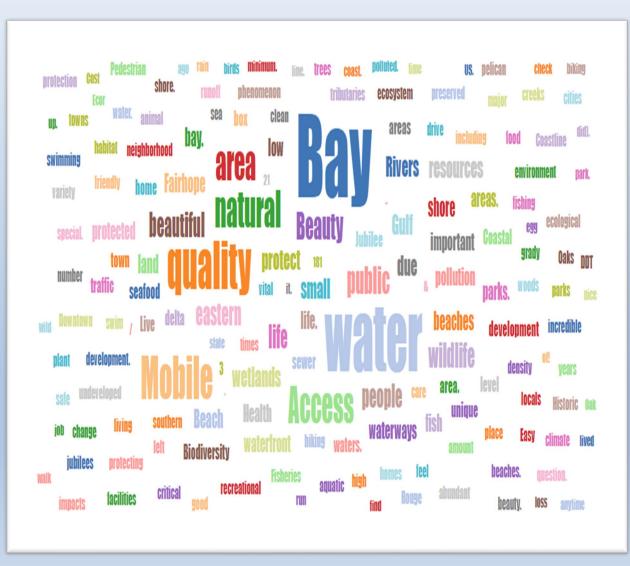
Camphor tree, Chinese privet, and Japanese climbing fern were documented at nearly all stops.



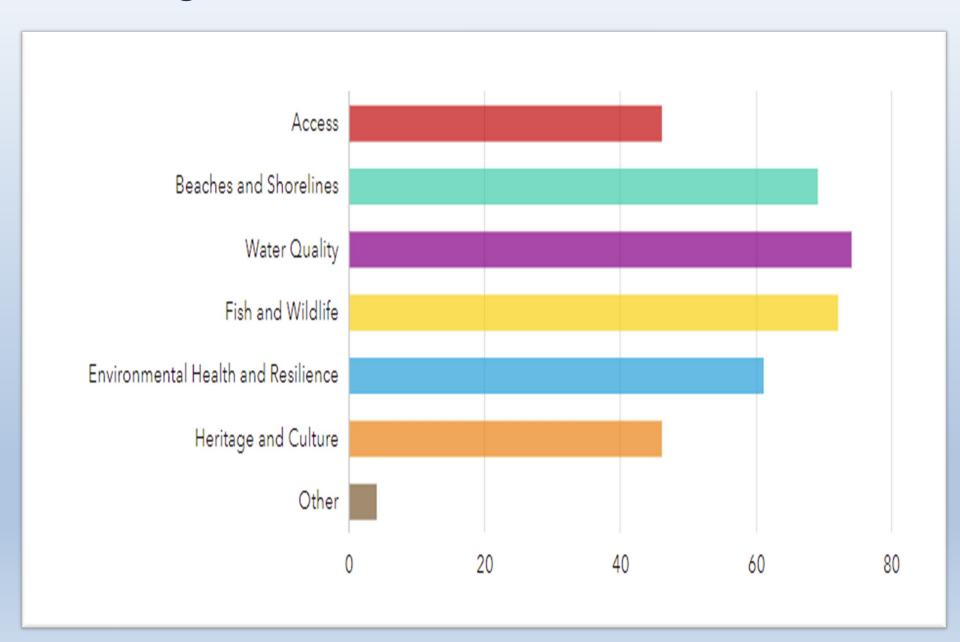


What are the things that make the Eastern Shore most unique and desirable that should be protected or improved?

- Historic homes
- Grand Hotel
- Mobile Bay/Delta
- Southern hospitality
- Biodiversity
- Jubliees
- Family-friendly
- Live oaks
- Sunsets
- Water activities
- Cost of living
- Quality of life

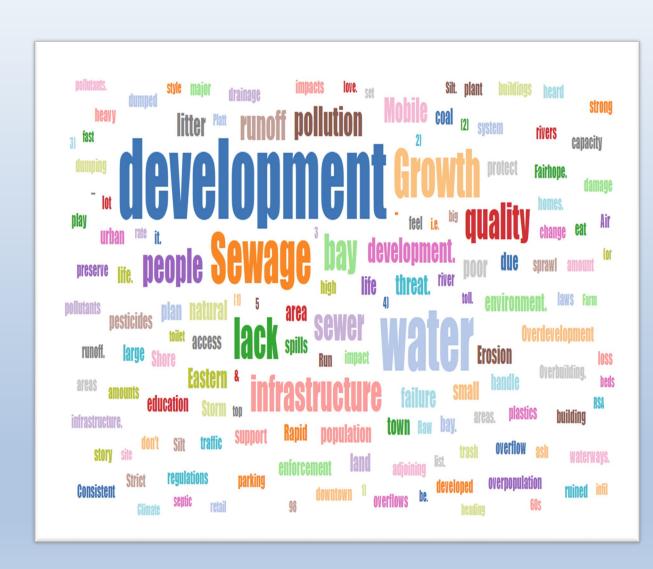


The strength is most related to:

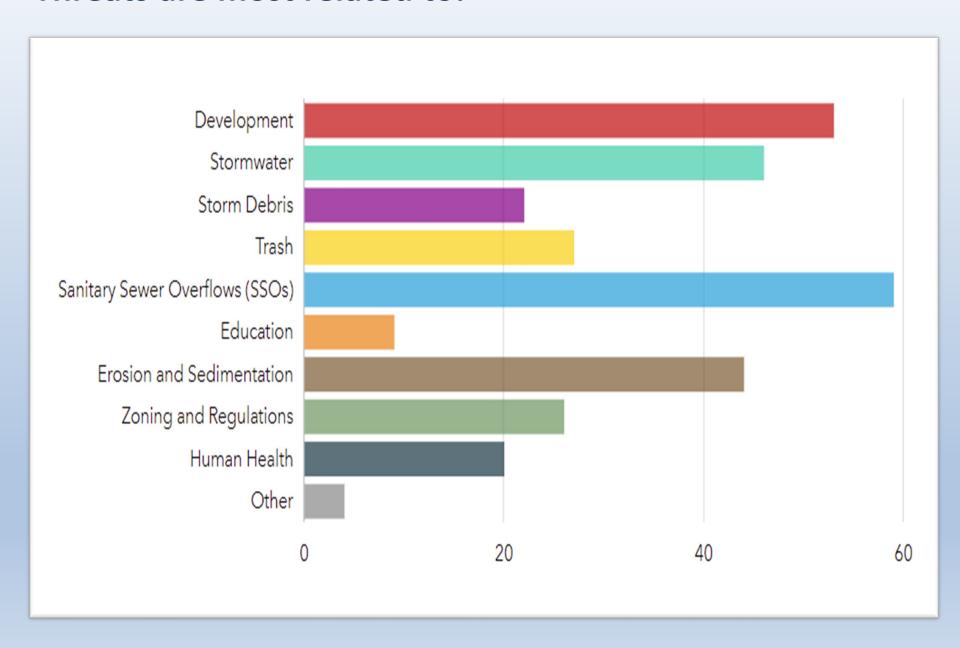


What is threatening our community?

- Development
- Erosion
- Pollution
- Sewer overflows
- Stormwater Runoff
- Lack of Education
- Lack of Regulations
- Litter
- Corporate Polluters
- Habitat Loss



Threats are most related to:



Critical Issues

- Development
- Water Quality
- Erosion/Sedimentation and Shoreline Loss
- Habitat Loss
- Human Health and Wellbeing
- Litter and storm debris







Activity

- Breakout groups
 - Development zoning, regulations, ordinances, LIDs, etc.
 - Water Quality SSO's, stormwater runoff, etc.
 - Erosion/Sedimentation shoreline loss, etc.
 - Litter post-storm debris, pollution, etc.
 - Human Health/Wellbeing public access, walking/biking trails, etc.
 - Habitat loss oysters, fish, trees,
 etc.







Activity (continued)

- 1. What are the biggest concerns within the category?
- 2. What are some possible solutions to address those concerns?
- 3. What are the challenges/obstacles to implementing those solutions?





Ground Rules

- This is a public discussion, not a debate.
- Everyone is encouraged to participate.
- No one or two individuals should dominate a discussion.
- One person speaks at a time.
- Listen to and respect other points of view.
- Do your best to understand the pros and cons of every option
- Seek first to understand, not to be understood. Ask questions to seek clarification when you don't understand the meaning of someone's comments.

