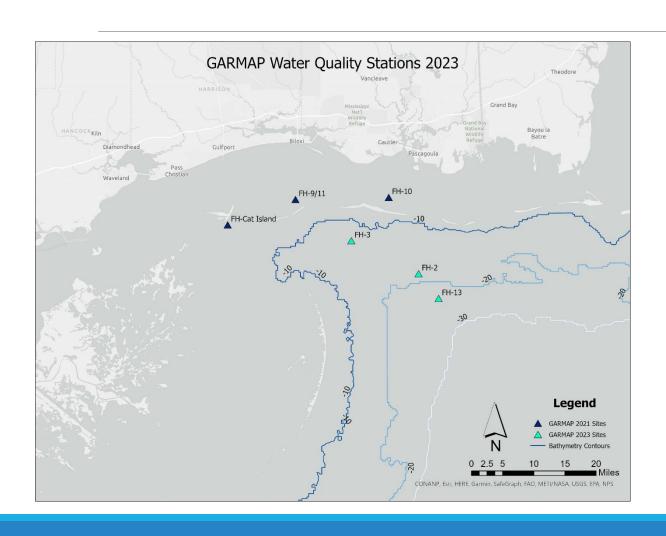


Sport Fish Restoration Program October 2023

by Charlie Robertson



Deployment & Data Collection



- •3 units at nearshore sites (FH-9/11, 10, & Cat Island)
- Water quality data every 30-min
- •GARMAP Database
 (http://garmap.gsmfc.org/map.php)
- •3 more units at offshore sites (FH-13,3,&2)



Water Quality Monitoring

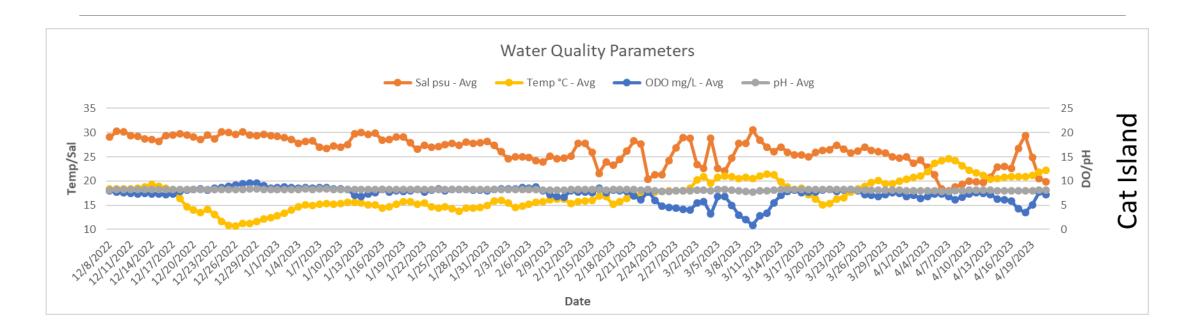
- Strategically positioned multiparameter datasondes
- Acoustic release system to eliminate entanglements
- Operates year-round to assess season water quality variations, specifically DO
- Acoustic receivers to track species movements
- Coordination with IJF Program







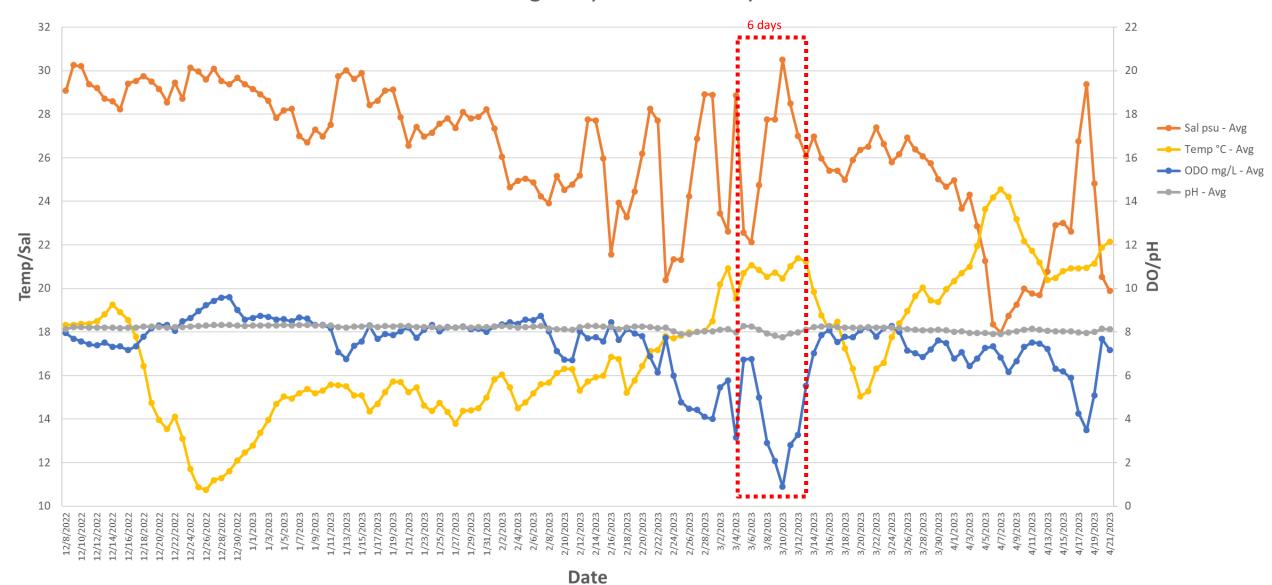
GARMAP



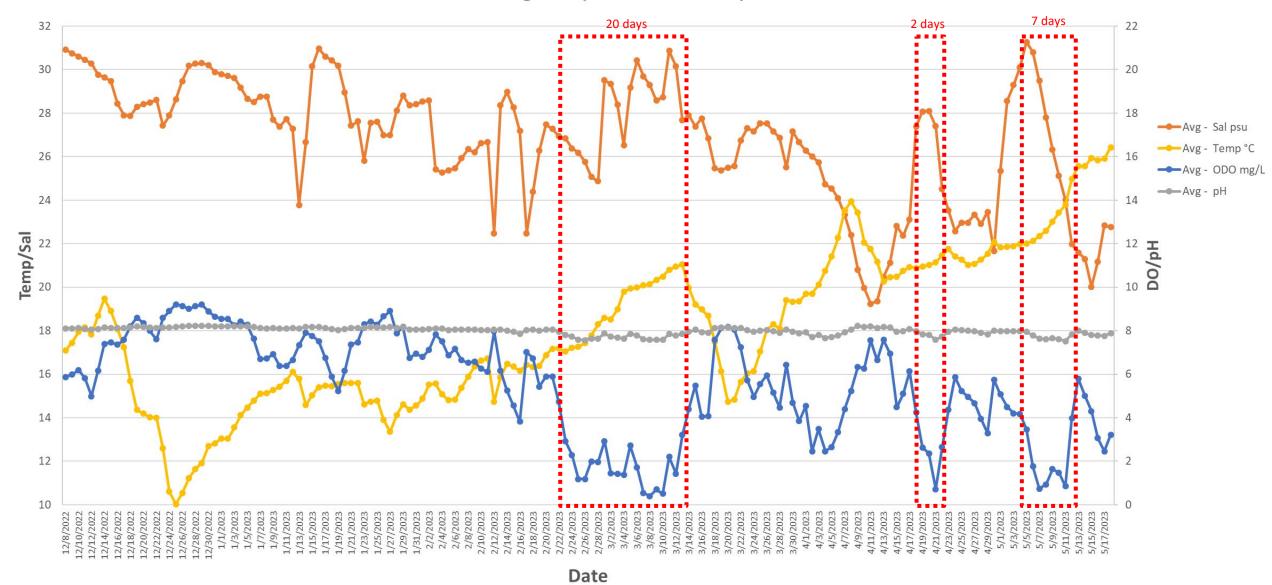
- •Gulf Artificial Reef Monitoring and Assessment Program
- Assess water quality on artificial reef locations



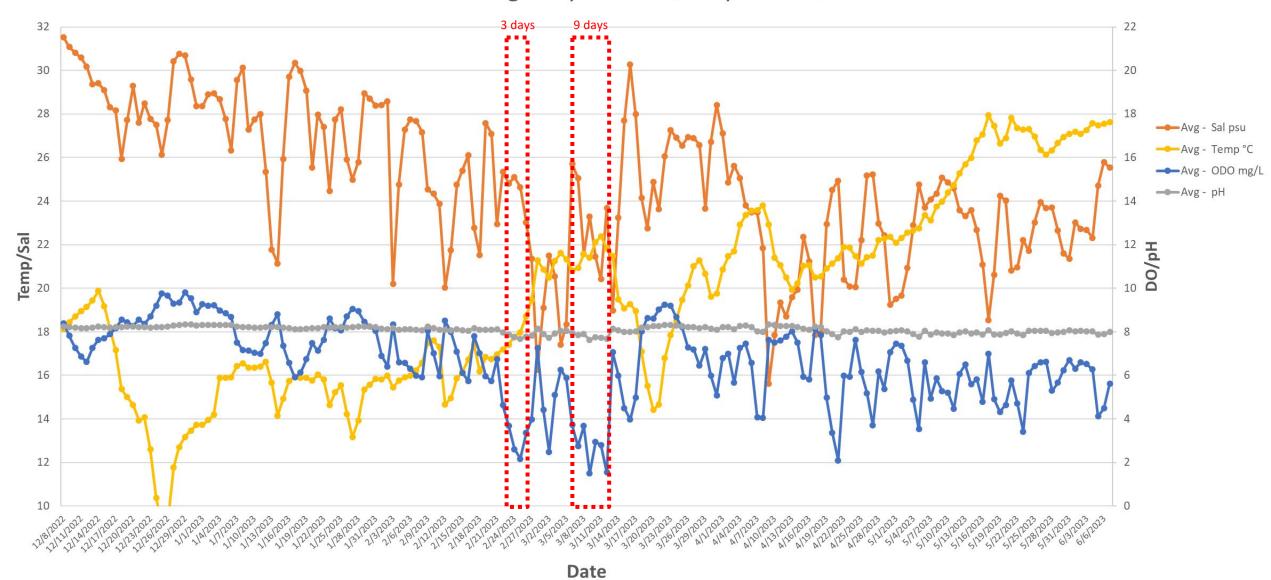
Cat Island - Avg Daily Water Quality Parameters



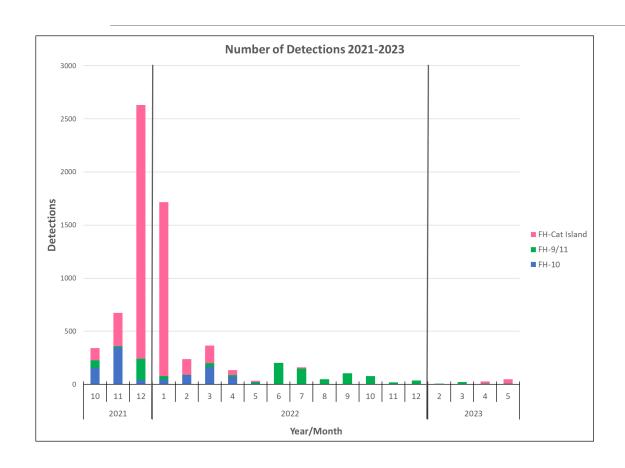
FH-9/11 - Avg Daily Water Quality Parameters

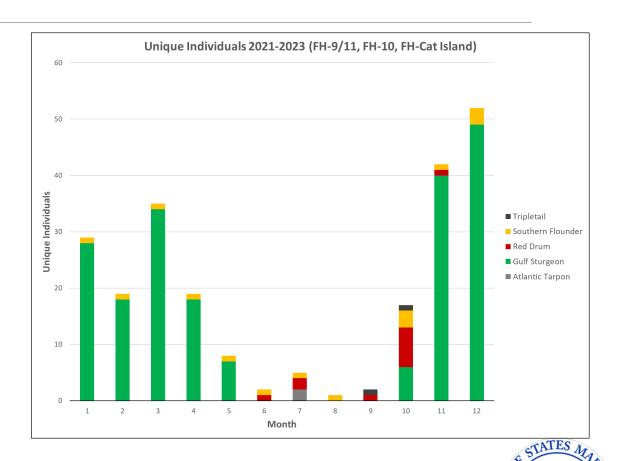


FH-10 - Avg Daily Water Quality Parameters



Acoustic Receiver Data







Things to consider

- Frequency of hypoxia?
- Differ by site?
- Causes?
- Seasonal?
- Management implications?
- Affects to benthos?

Questions?

