Conducting habitat suitability analyses to identify optimal oyster restoration locations along the Florida Gulf coast

Oyster Data Gaps 2022-2027

Deepwater Horizon Natural Resource Damage Assessment Florida Trustee Implementation Group (FL-TIG)

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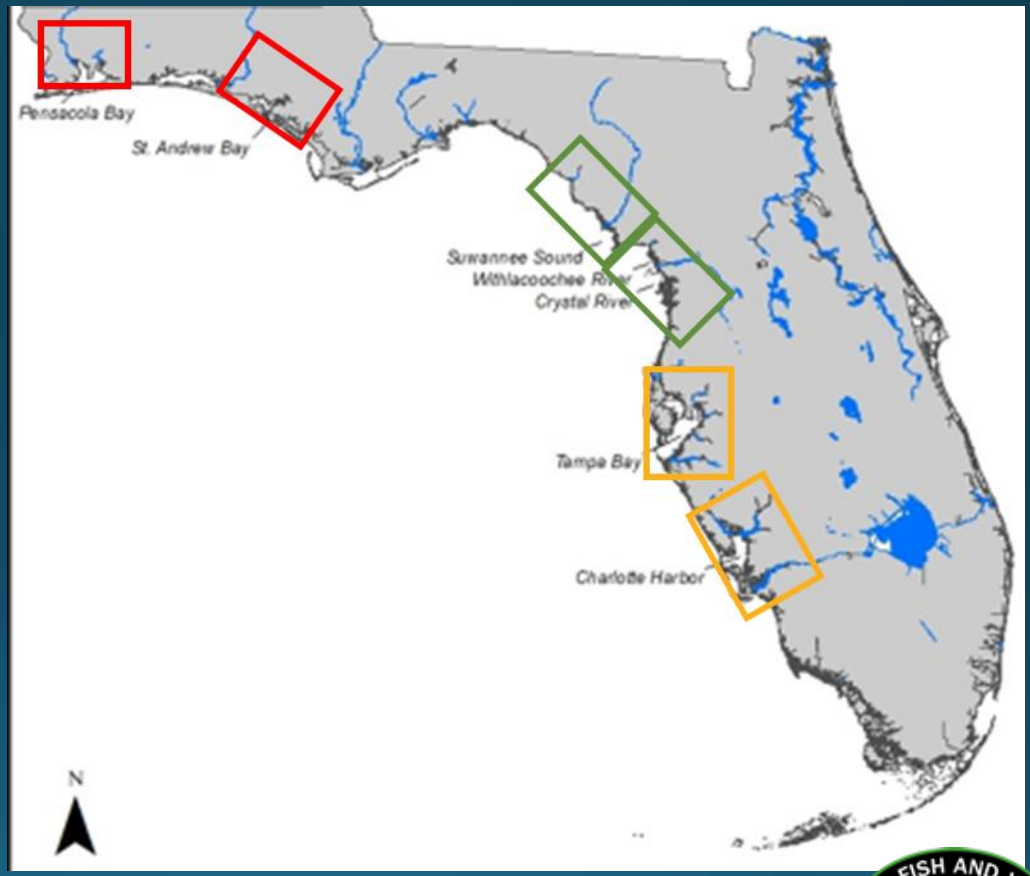
FL-TIG Oyster Data Gaps

This activity assists future oyster restoration efforts by addressing critical data gaps to oyster restoration along the Florida west coast

- Regional trends
- Monitoring
- Update maps
- Habitat Suitability Index



FL-TIG Oyster Data Gap Project Phases

- Data compilation
  - Water quality and oyster data
  - Develop status and trends
- Field assessments & monitoring
  - Assess active monitoring programs and work with regional partners to fill monitoring gaps
  - Initial baywide survey
  - Monthly and quarterly monitoring
- Benthic oyster habitat mapping
  - Mapping areas not recently mapped
- GIS-based habitat suitability index (HSI) model
  - Aid for future restoration efforts

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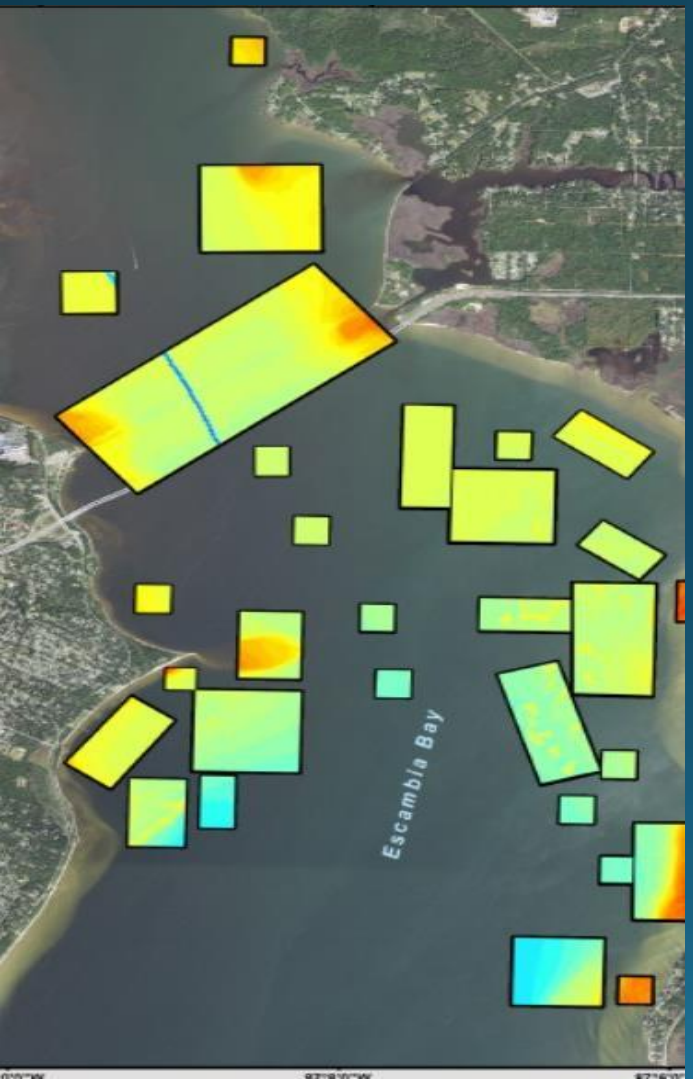

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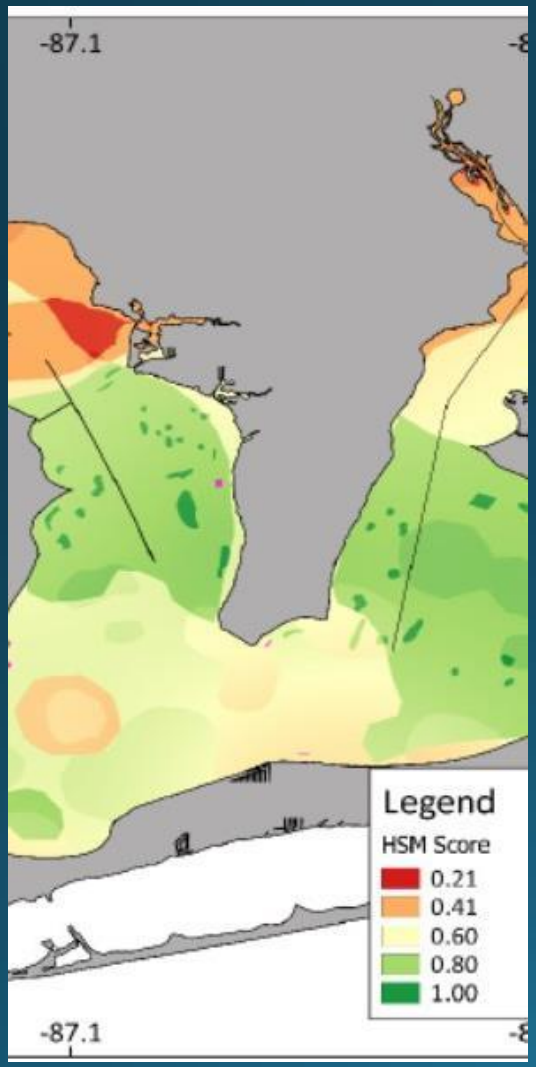

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FL-TIG Oyster Data Gap Project Product Access

Publicly available through the OIMPP site

- Regional status and trends
- Benthic oyster habitat map layers through the oyster layers of Florida
- GIS-based habitat suitability index (HSI)
  - Links to existing
  - New models where none exist

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