

F

Marine spatial planning is understanding and planning for multiple uses of coastal & ocean space





Where might we plan to site offshore aquaculture operations in the future?

"Aquaculture Spatial Planning in Florida: A Pilot Study to Assess Potential Offshore Aquaculture Zones along Florida's Gulf Coast"



Kenneth L. Riley, Lisa C. Wickliffe, Jonathan A. Jossart, and James A. Morris, Jr.



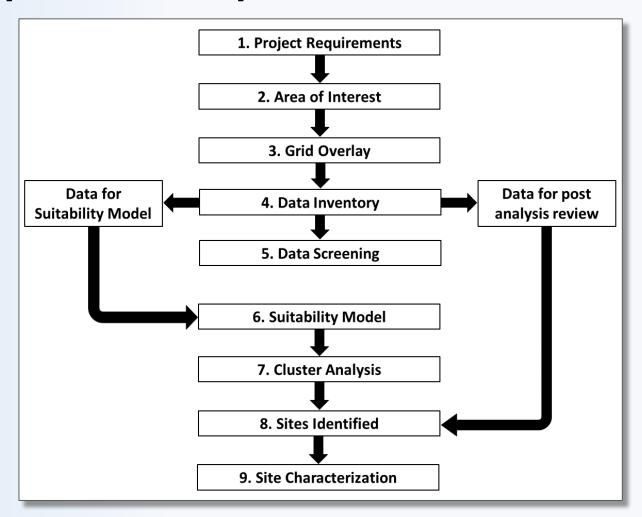
Marcy L. Cockrell, Charlie M. Culpepper III, Portia Sapp, and Sarah Wander



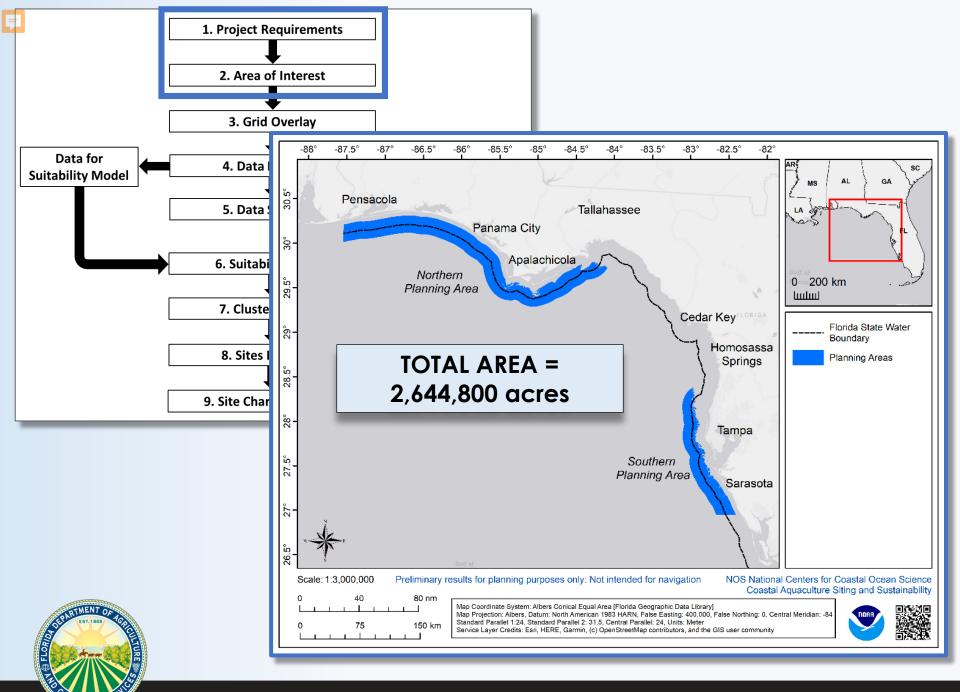
*This is not the federal AOA process, although it is analogous

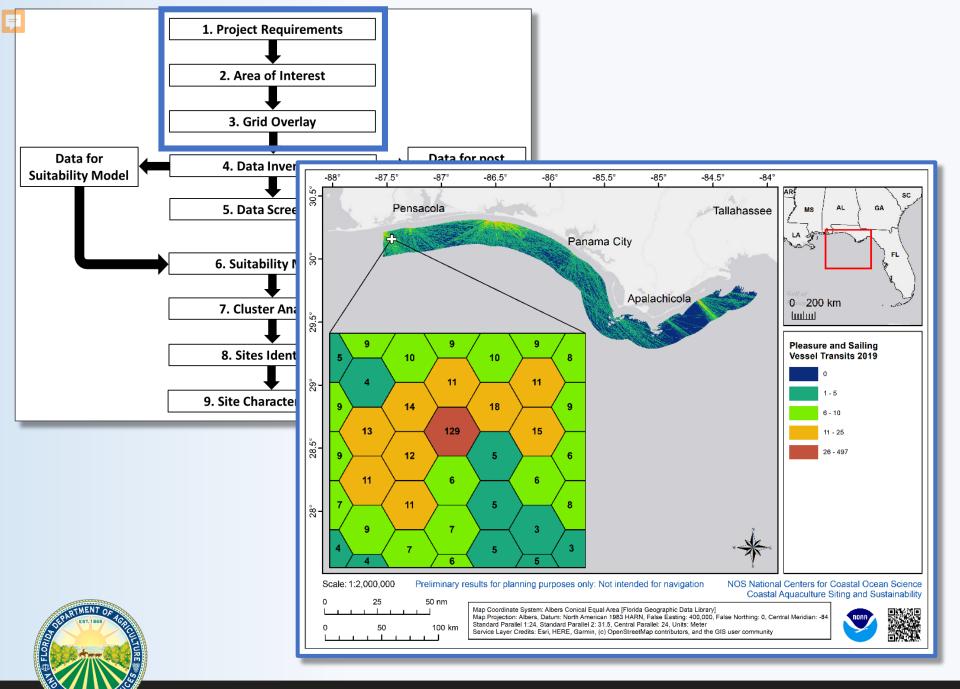


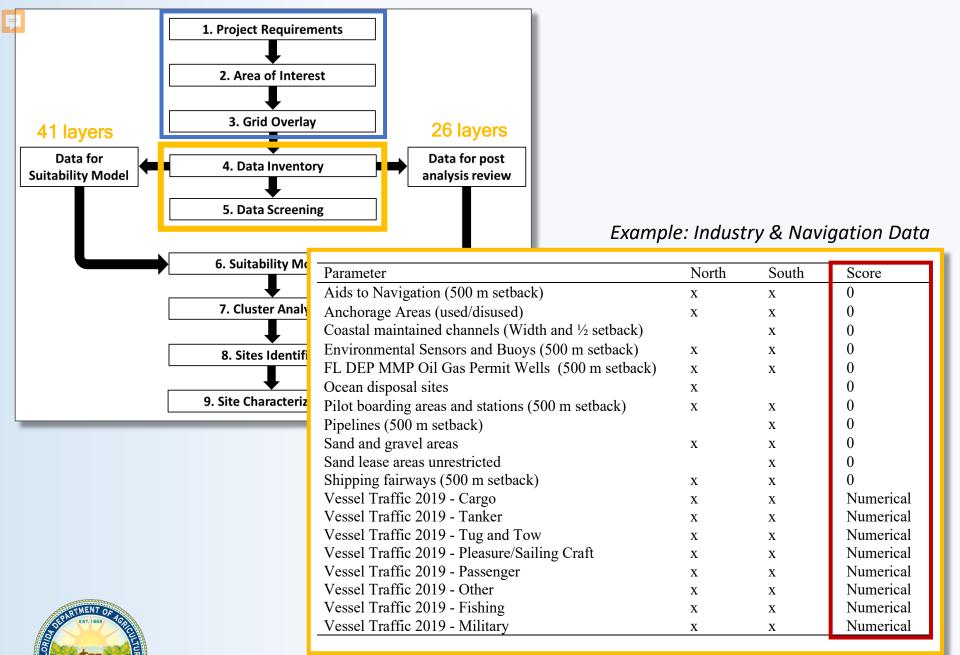
Where might we plan to site offshore aquaculture operations in the future?

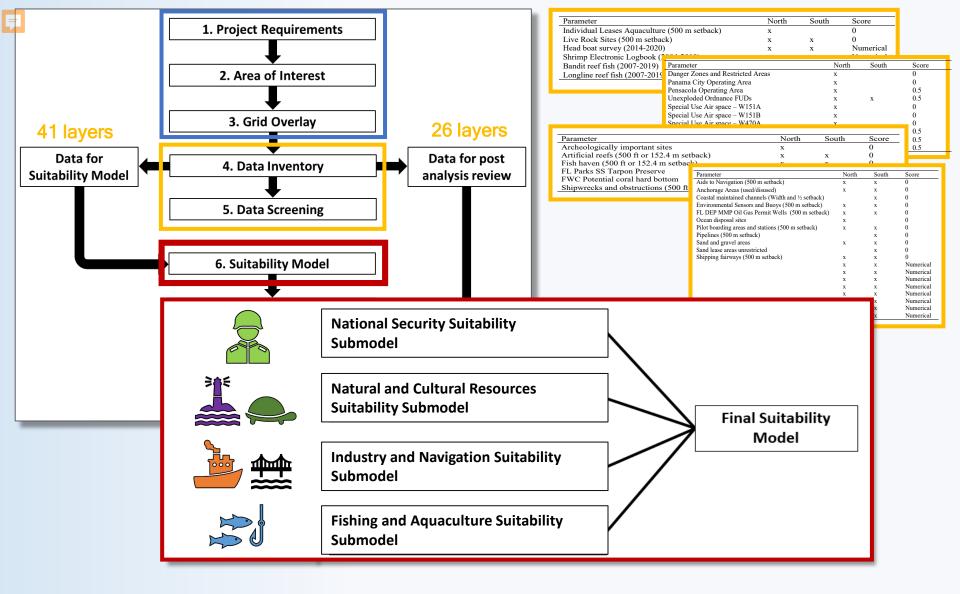




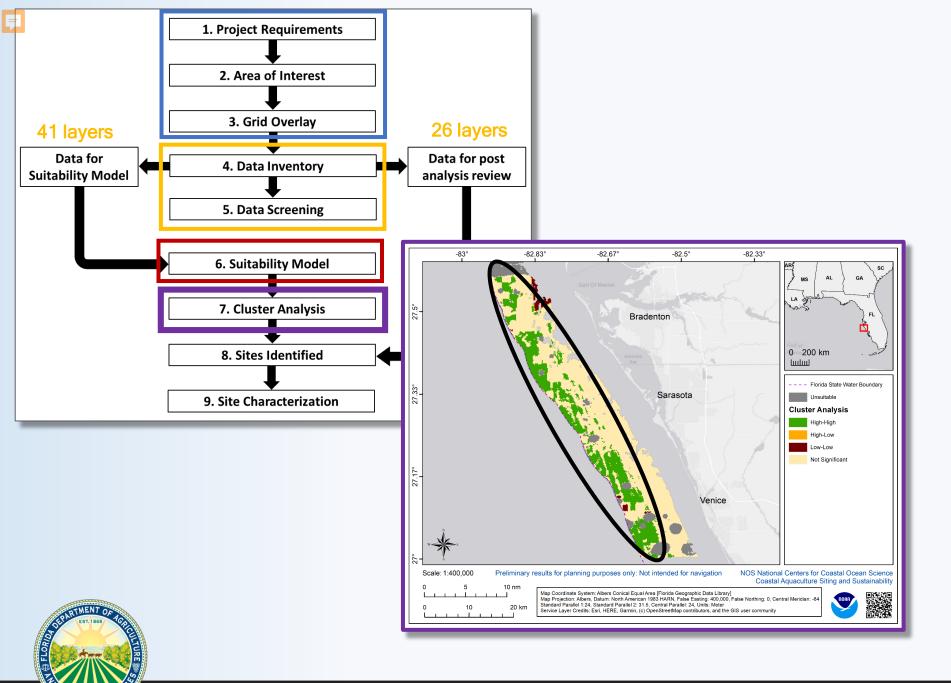


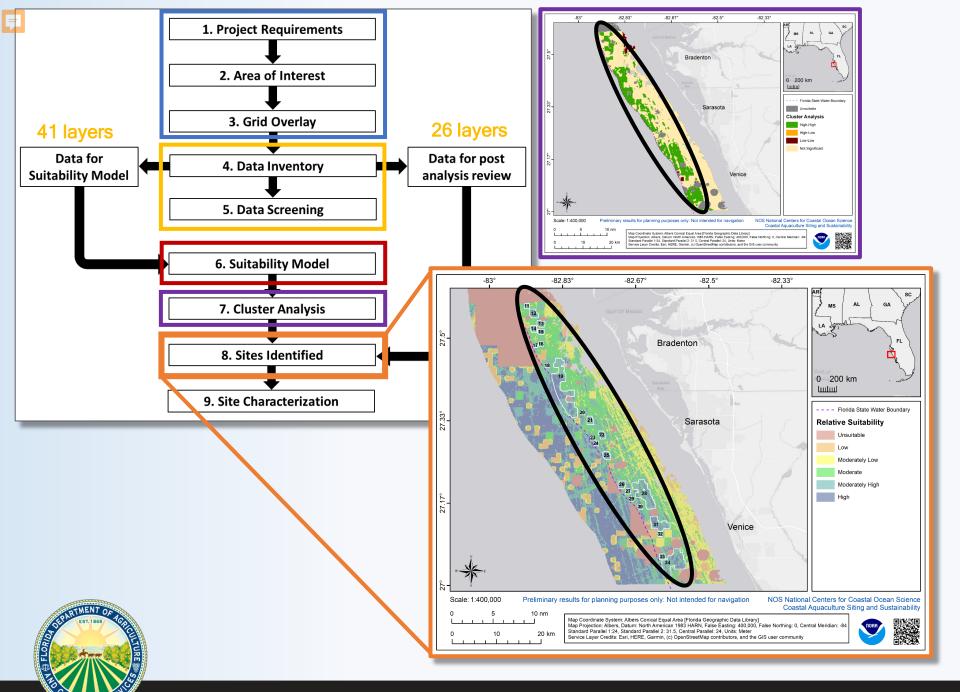


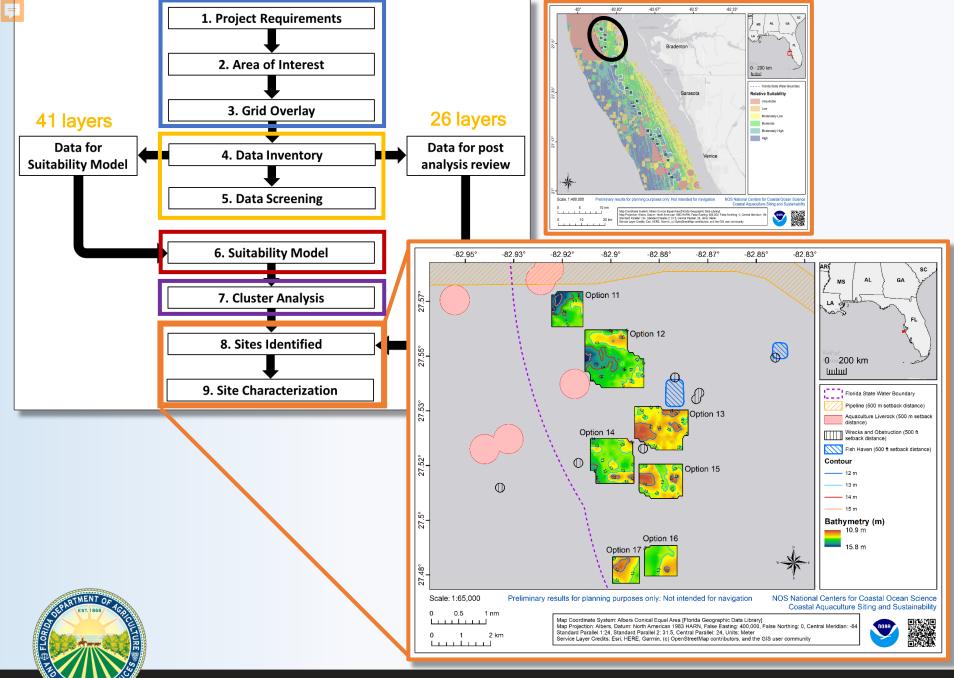






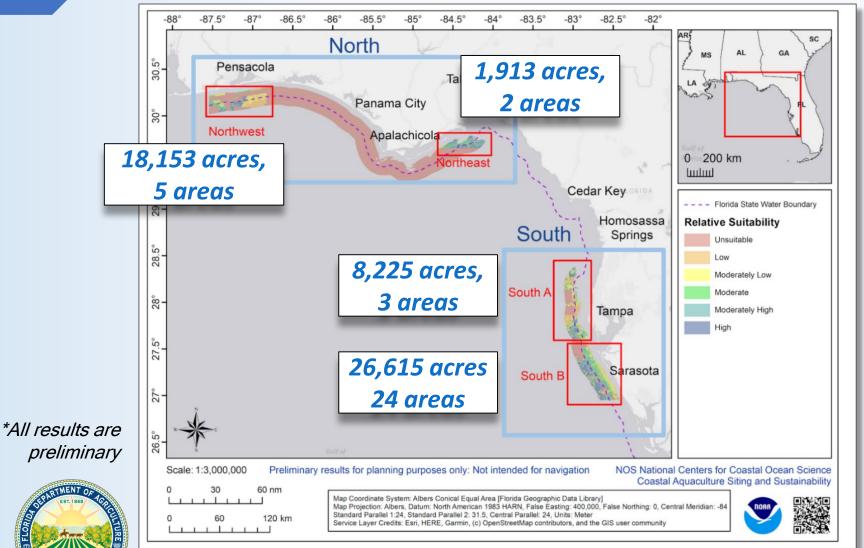






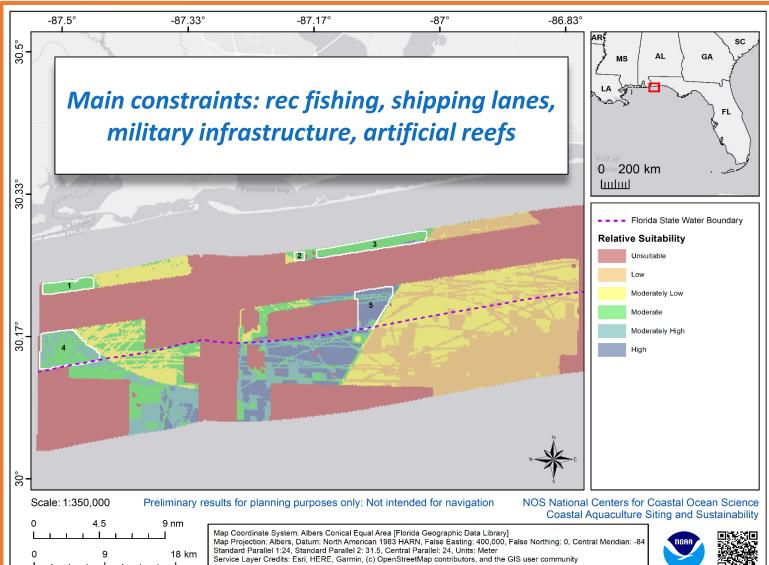


Total of 54,906 acres over 34 discrete areas potentially suitable for mariculture development





Northwest (Pensacola)

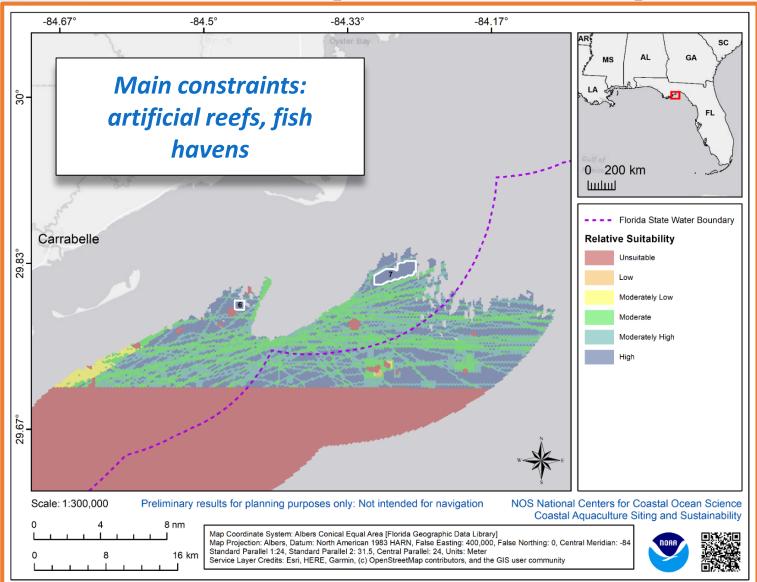








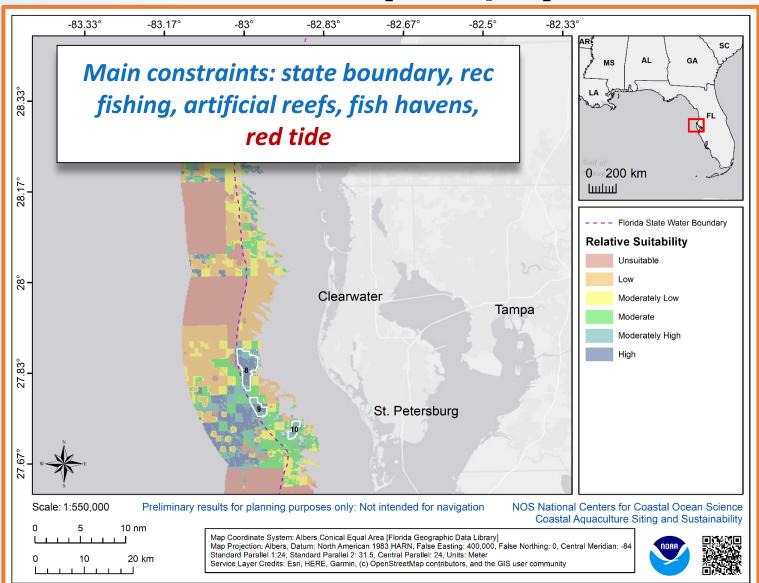
Northeast (Apalachicola)





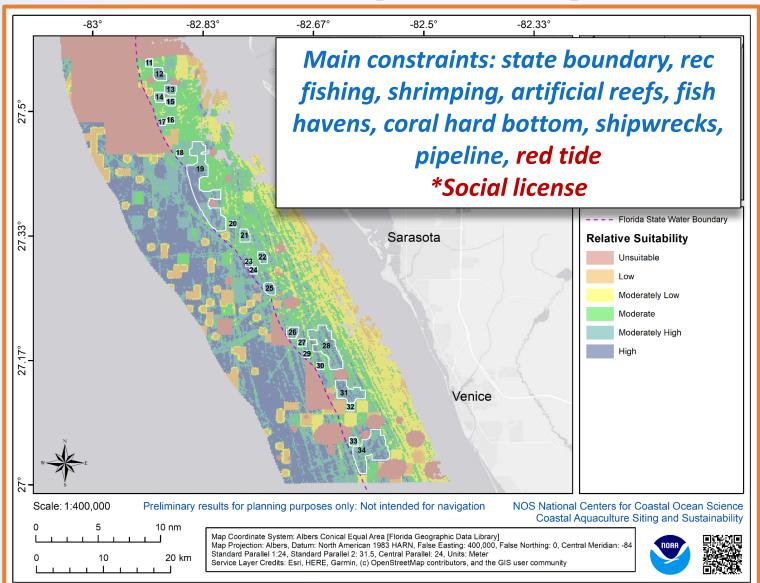


South A (Tampa)





South B (Sarasota)







Summary

- Using 41 layers in 4 suitability submodels, analysis revealed
 34 potential areas for siting offshore operations.
- 54,906 total acres among 4 distinct regions
- Varying regional and local considerations for further characterization and investigation
- Limitations/assumptions: Data used, analysis parameters, non-weighted approach

*** RESULTS ARE PRELIMINARY ***





Future Work

- First technical report in revision
- Further in-depth examination & characterization of planning options
- Work with stakeholders to understand perceptions, knowledge and needs
 - Gulf States Marine Fisheries Commission: "Developing Stakeholder Collaboration and Communication Products for Sustainable Mariculture Development in Florida State Waters of the Gulf of Mexico"
- Additional analysis to eventually cover all state waters
- Permitting considerations

