



Nature Conservancy Analyses

- Marine/Estuarine Site Assessment for Florida, 2005 (part of the Florida Comprehensive Wildlife Strategy)
- Assessing gaps in Florida's marine and estuarine conservation network. 2008

(assess the current area-based protection status of FL marine and estuarine resources)

- Charlotte Harbor Feasibility Study, 2010 (identify potential for marine and estuarine restoration in the Greater CH system)
- Florida Marine Habitat Blueprint
 (guide land protection priorities that benefit marine priorities)
- Gulf Decision Support Tool, 2011
- National-scale oyster reef restoration goals, in progress shellfish ecosystems are restored to levels that deliver ecologically meaningful services

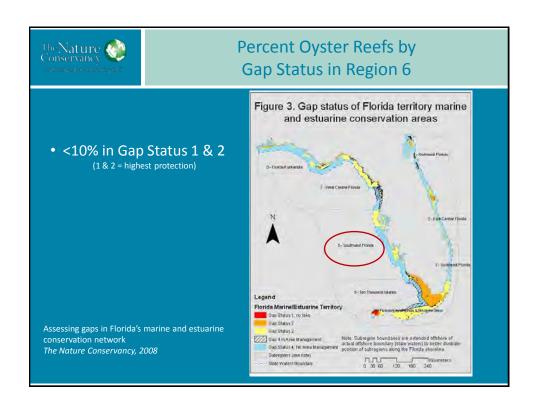


Florida's Wildlife Legacy Initiative



Bivalve Reef
Statewide Habitat Threat Rank
VERY HIGH

Current condition...
Poor and declining



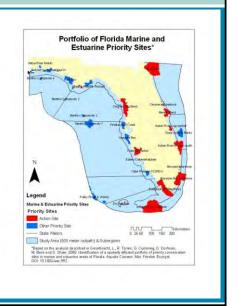




Marine Priority Areas

Why Charlotte Harbor?

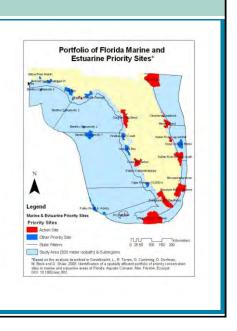
- High biodiversity
- Charlotte Harbor is restorable
- History of Conservancy engagement in land conservation
- Aligns with our GOM Initiative
- Strong local interest and great potential for collaboration



The Nature Conservancy

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Our Approach

Whole-estuary science

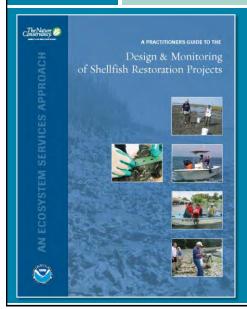
 Determine how much restoration is needed to get to scale & where and what kinds of restoration will make the biggest difference

Strategic demonstration & test projects

- Pilot partnerships & collaboration CHNEP, CH Aquatic Preserves, Bonefish-Tarpon Trust, Mote Marine Lab, recreational & commercial fishers
- Test "ingredients" for scaling up restoration methods, sustainability, ecosystem services



Moving the Needle



Reference:

Brumbaugh, R.D., M. W. Beck, L. D. Coen, L. Craig and P. Hicks. 2006. A Practitioners' Guide to the Design and Monitoring of Shellfish Restoration Projects: An Ecosystem Services Approach. The Nature Conservancy, Arlington, VA.