



Cape Coral

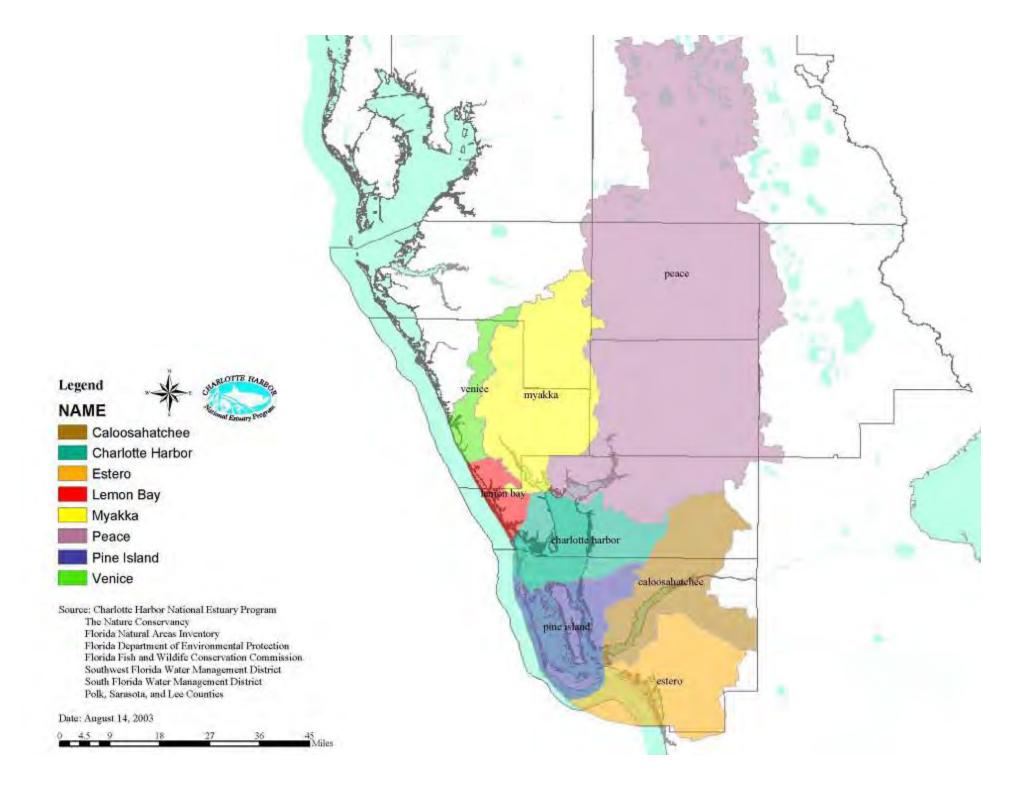
Bonita Springs

Lisa B. Beever, PhD, AICP September 28, 2009 Estero Bay Watershed Public Symposium

> © 2006 Europa Technologies Image © 2006 TerraMetrics

National Estuary Programs





Management Conference

Policy Committee

Elected Officials and Agency Policy Makers

Management Committee

Resource Managers

Technical Adv. Committee

Scientists, Engineers, and Planners

Citizens Adv. Committee

Citizens and agency Public Outreach Specialists

Completed Projects since 6/25/2007

- CCMP Update
- Estero Bay Subbasins
- Historic Benthic Resources
- Seagrass mapping and targets
- Benthic Macro-Invertebrates
- Shoreline Survey
- Historic Basin Mapping
- Southwest Florida Feasibility Study
- Impaired Waters Update
- CHEC Water Quality Website
- Water Quality Status and Trends
- Hendry Creek OSTDS Study
- Growth Mgmt Reg, Pub Invest, Res Imp for Est Bay 06-07
- Public Outreach

Committing to Our Future

A Comprehensive Conservation and Management Plan

for the Greater Charlotte Harbor Watershed

from Venice to Bonita Springs to Winter Haven

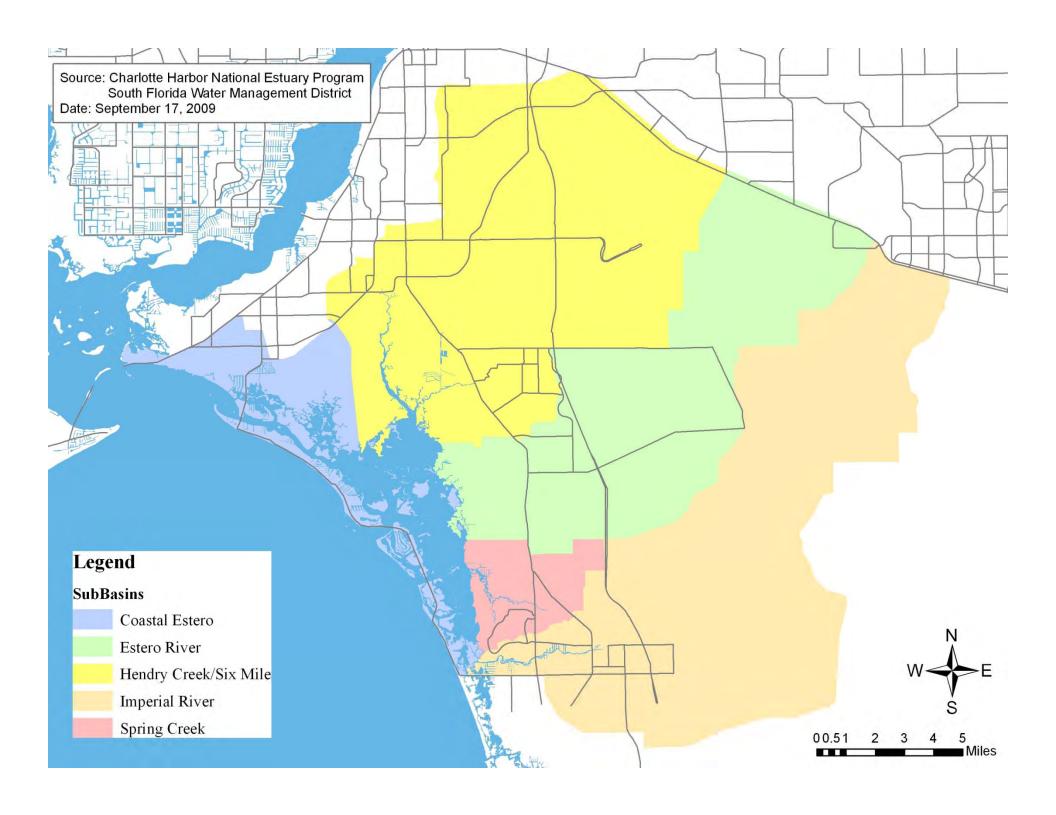


Update 2008

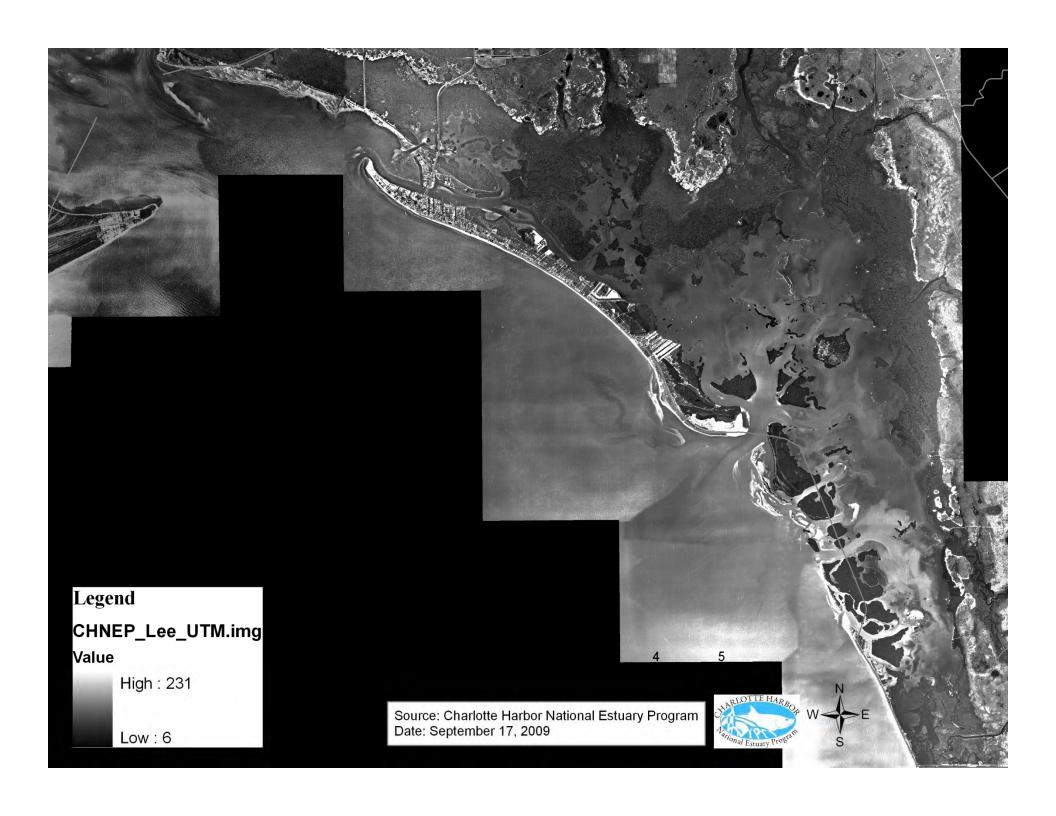


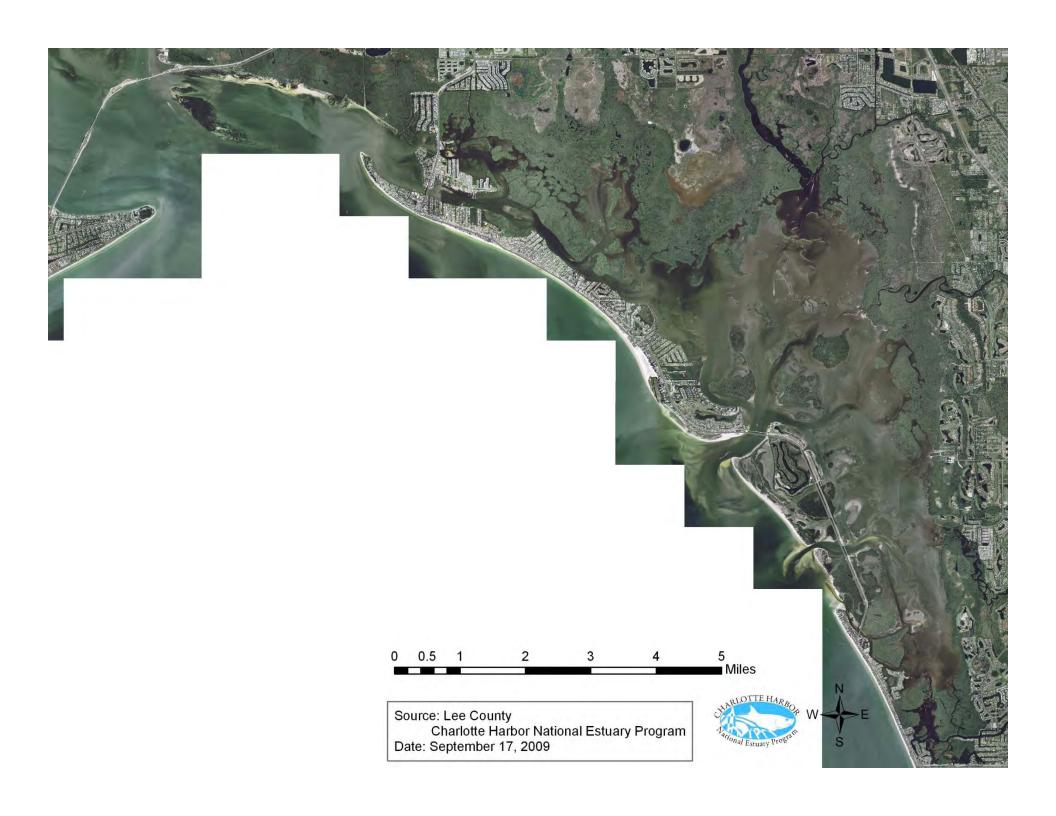
Priority Problems

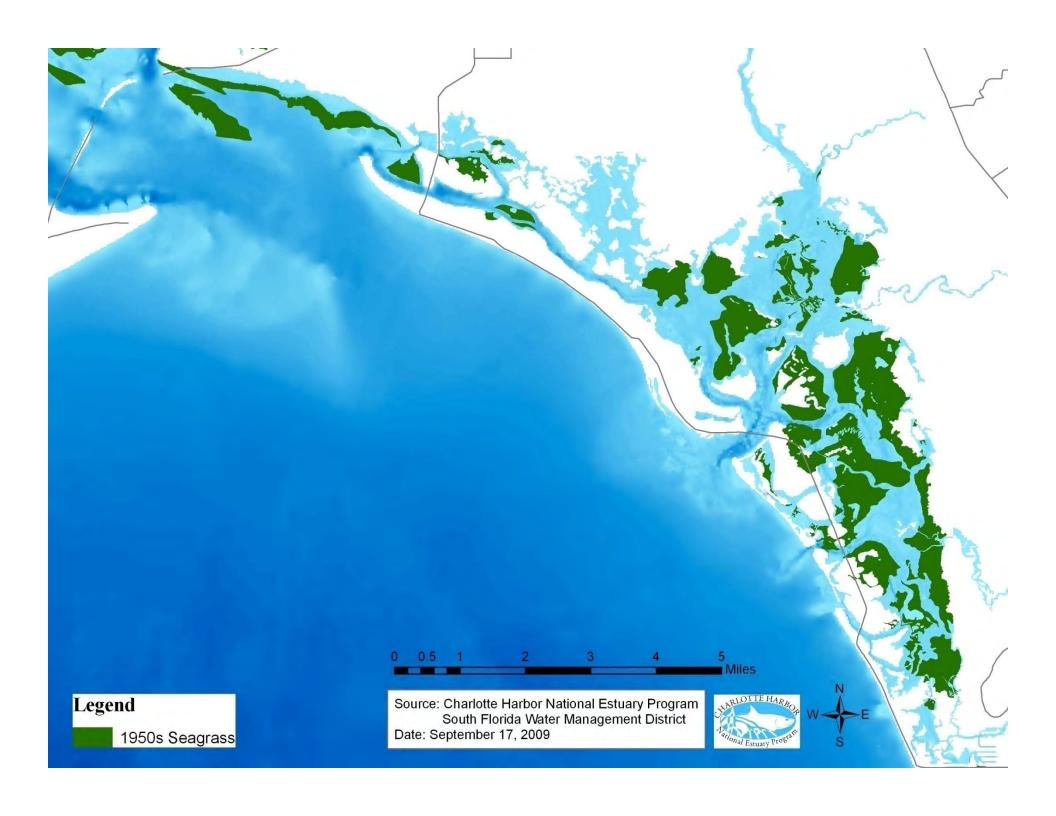
- Hydrologic Alterations (Water Flows)
- Water Quality
 Degradation
- Fish and Wildlife Habitat Loss
- Stewardship Gaps

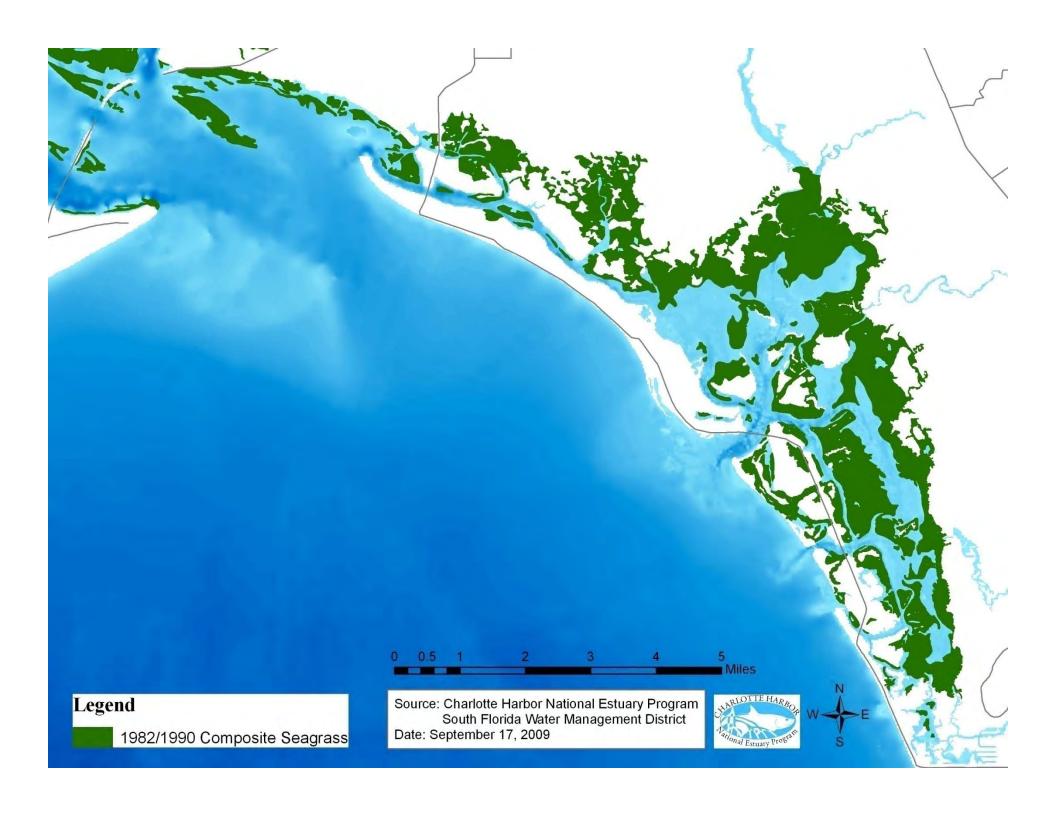


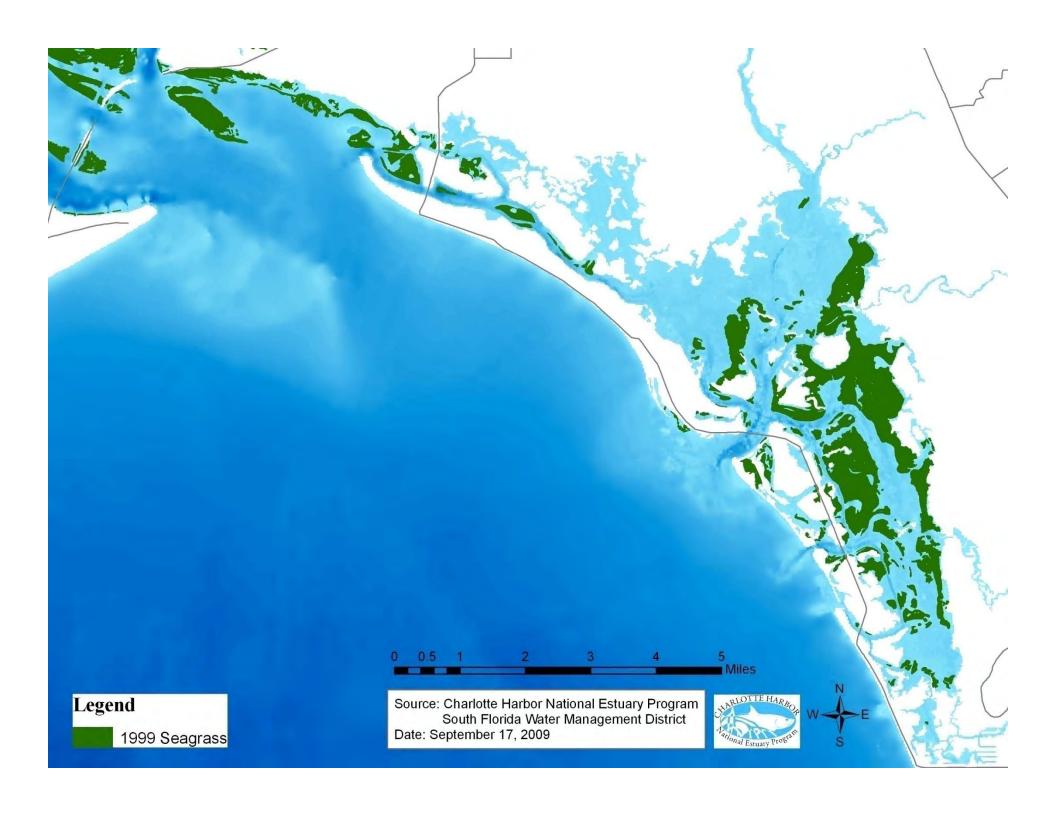


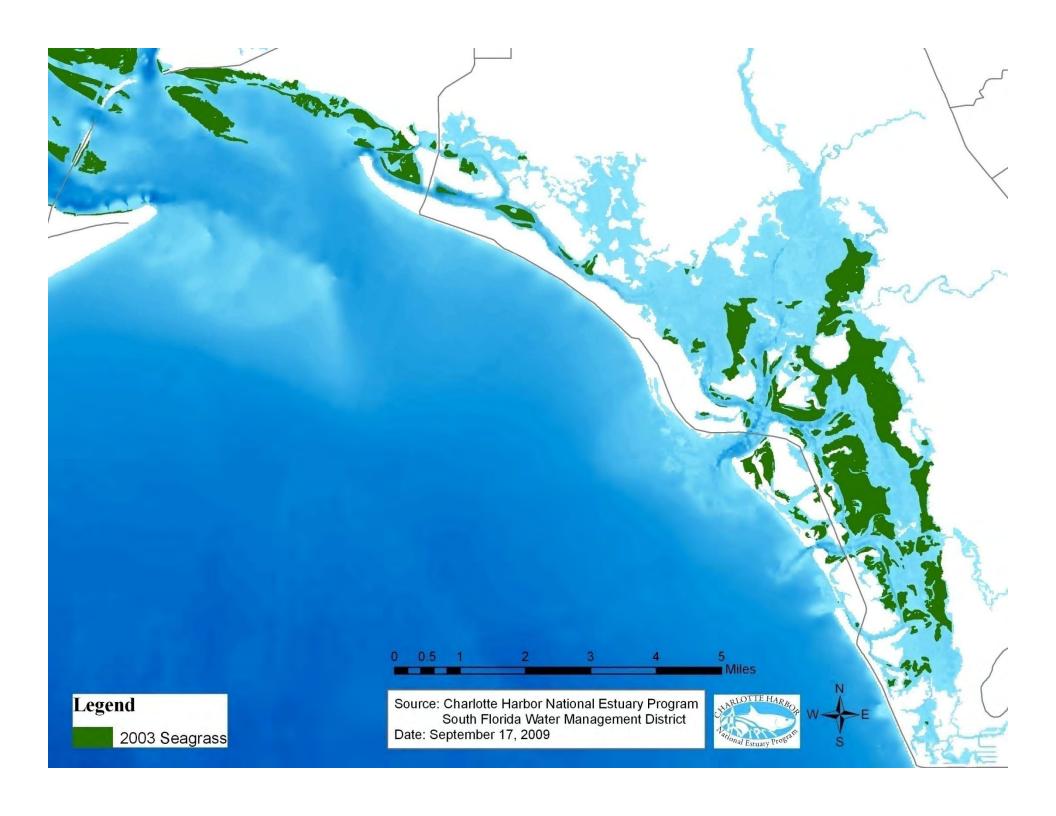


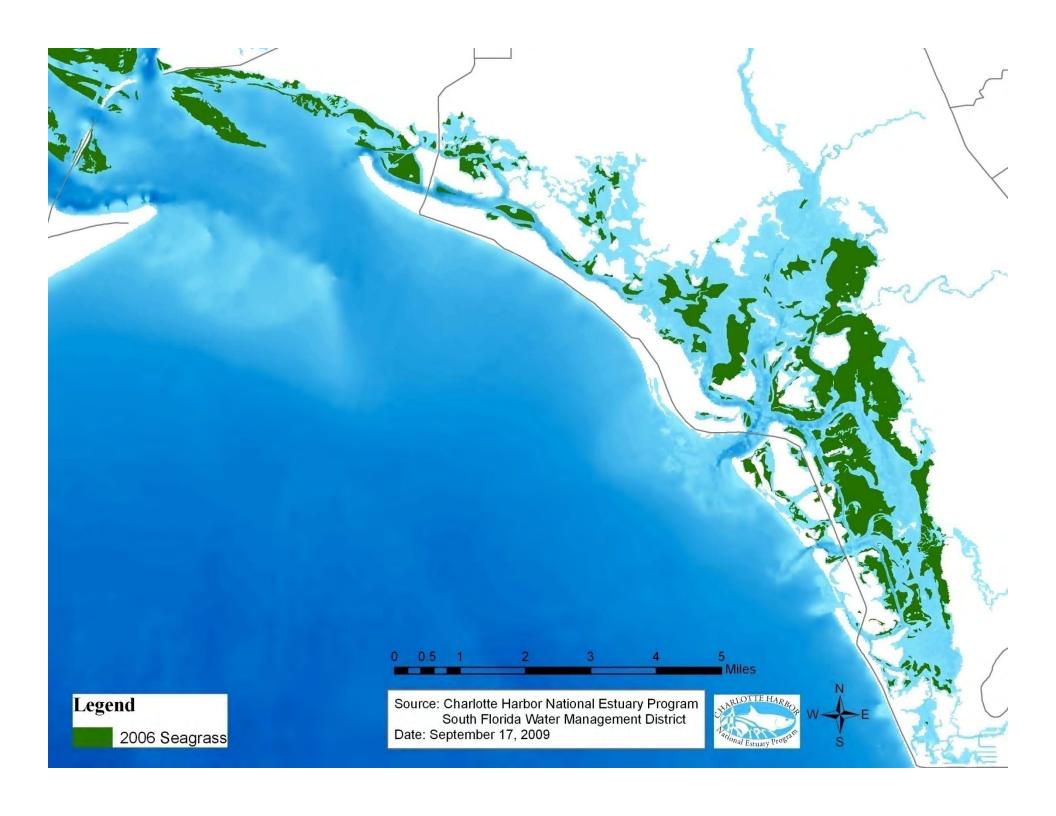


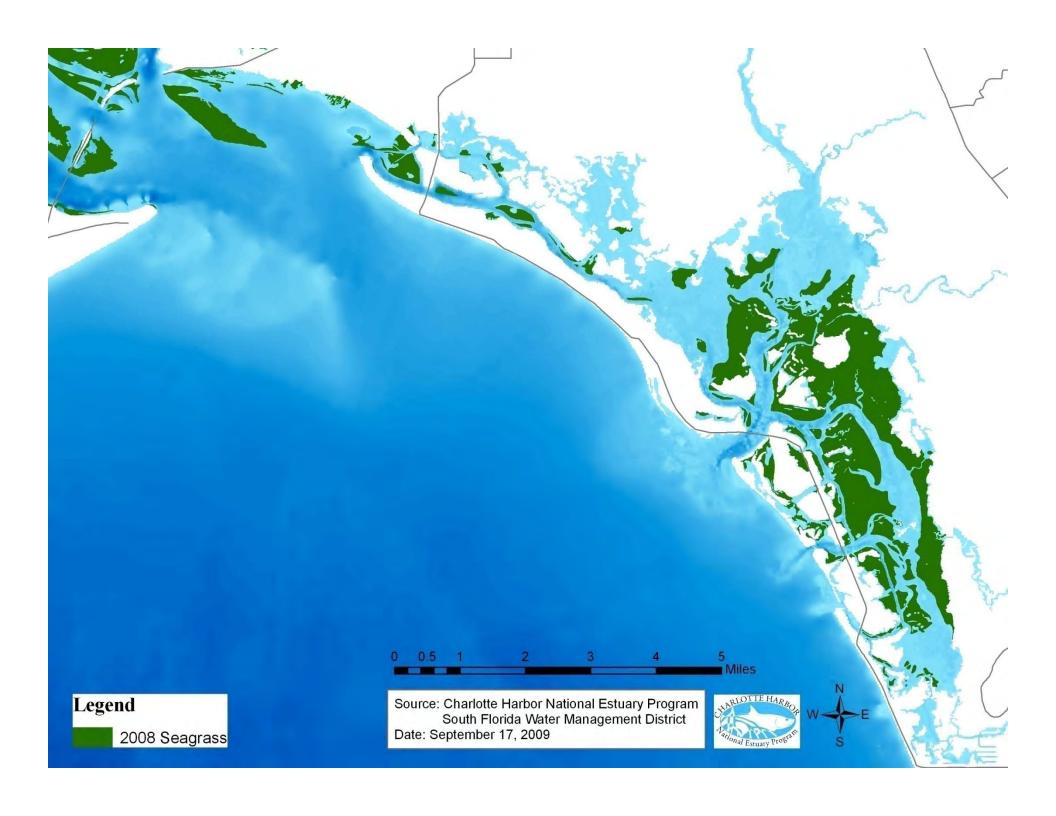












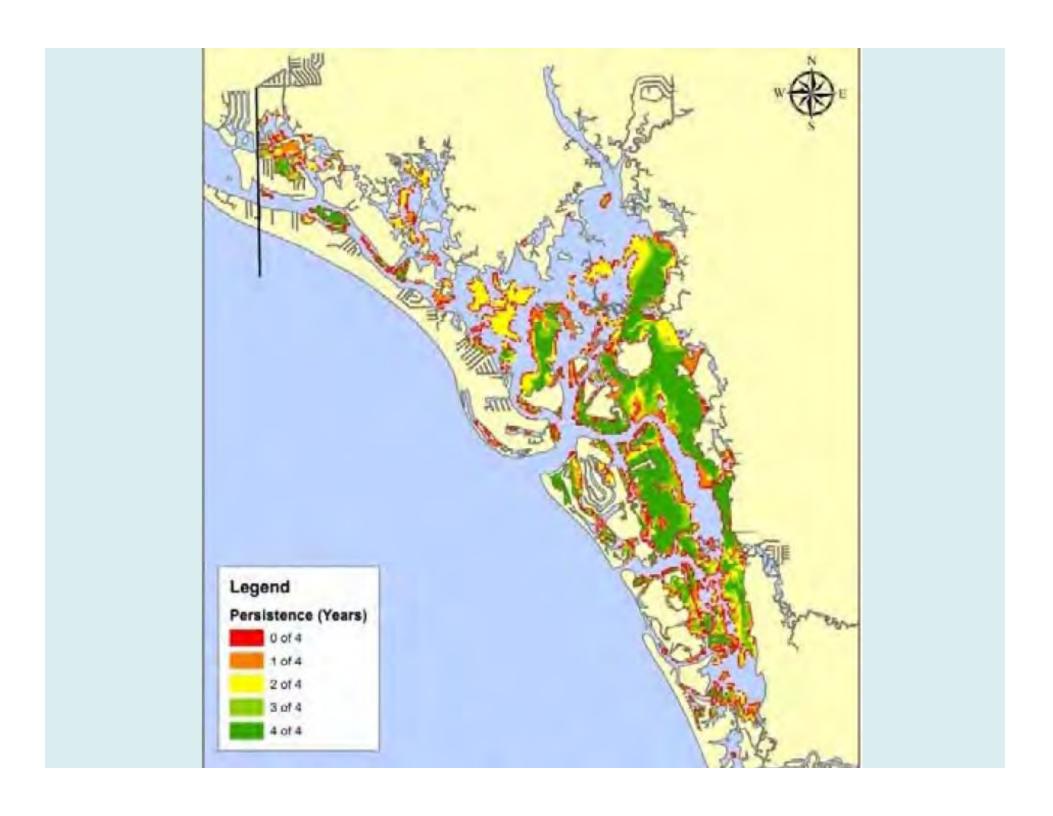
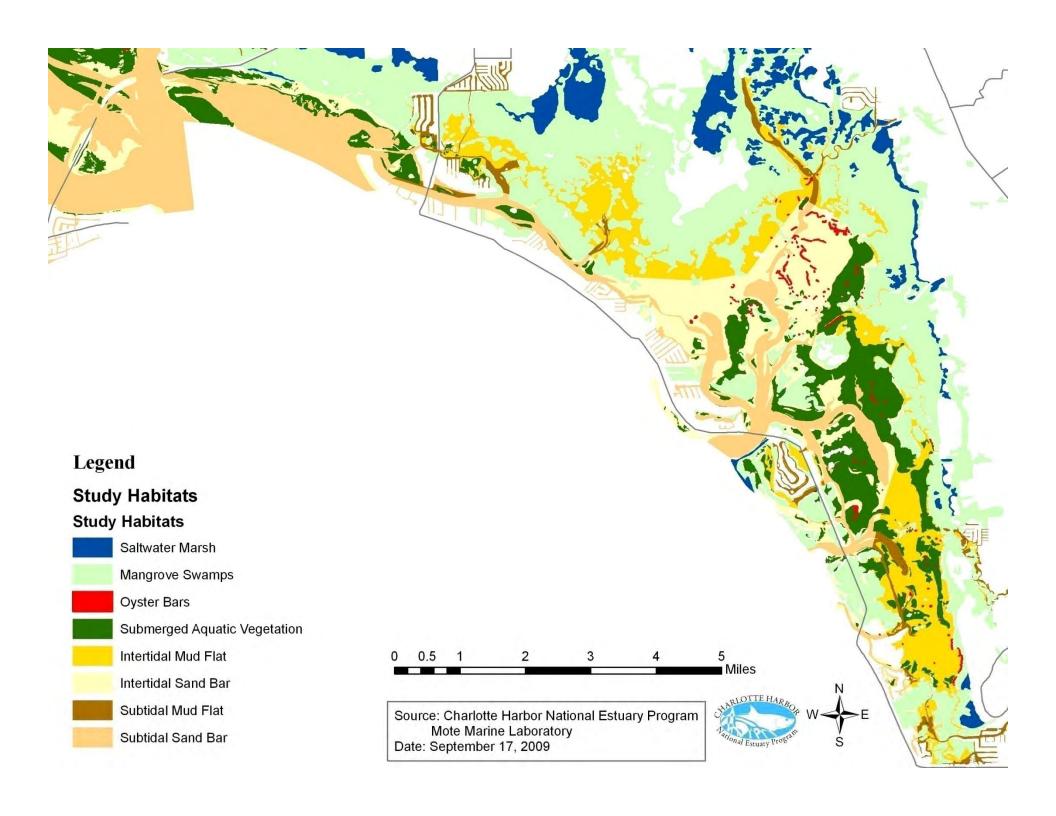
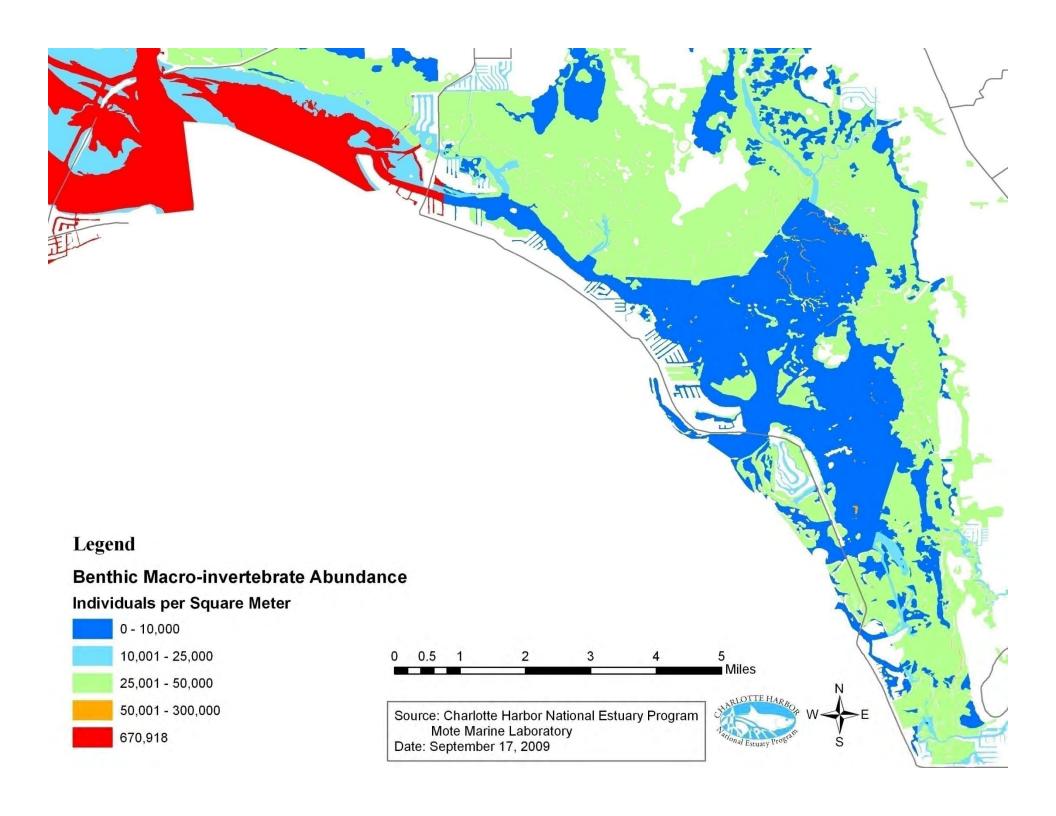
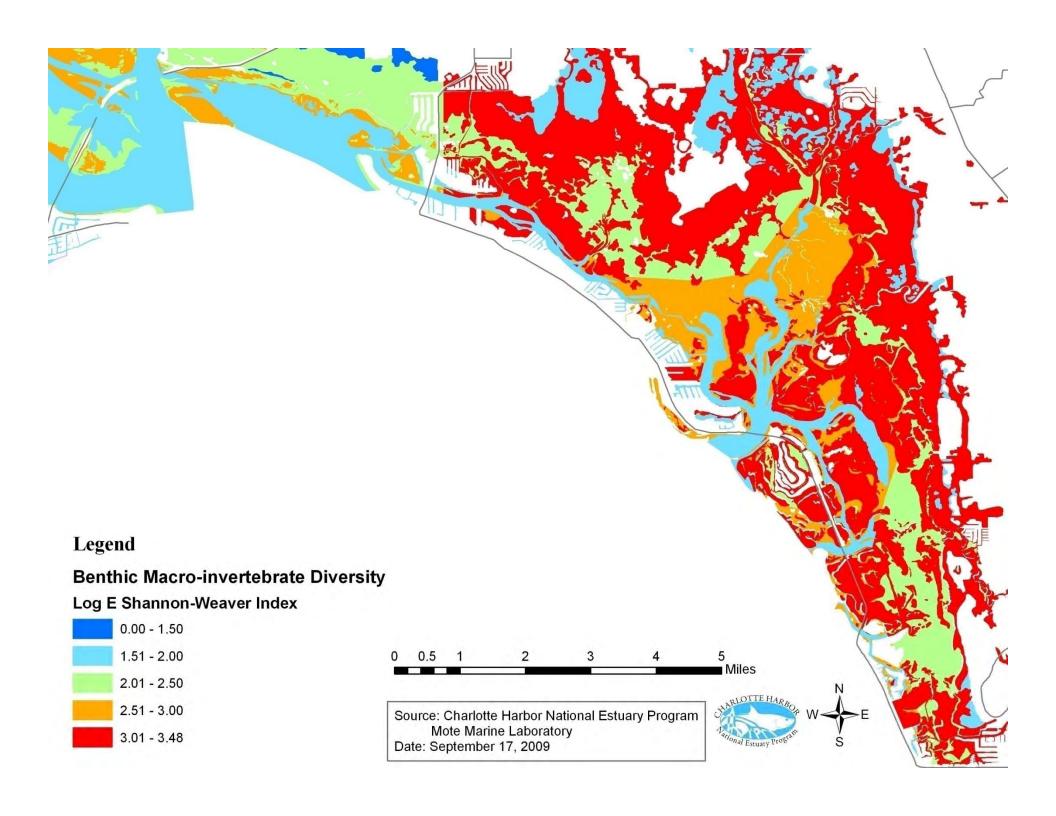
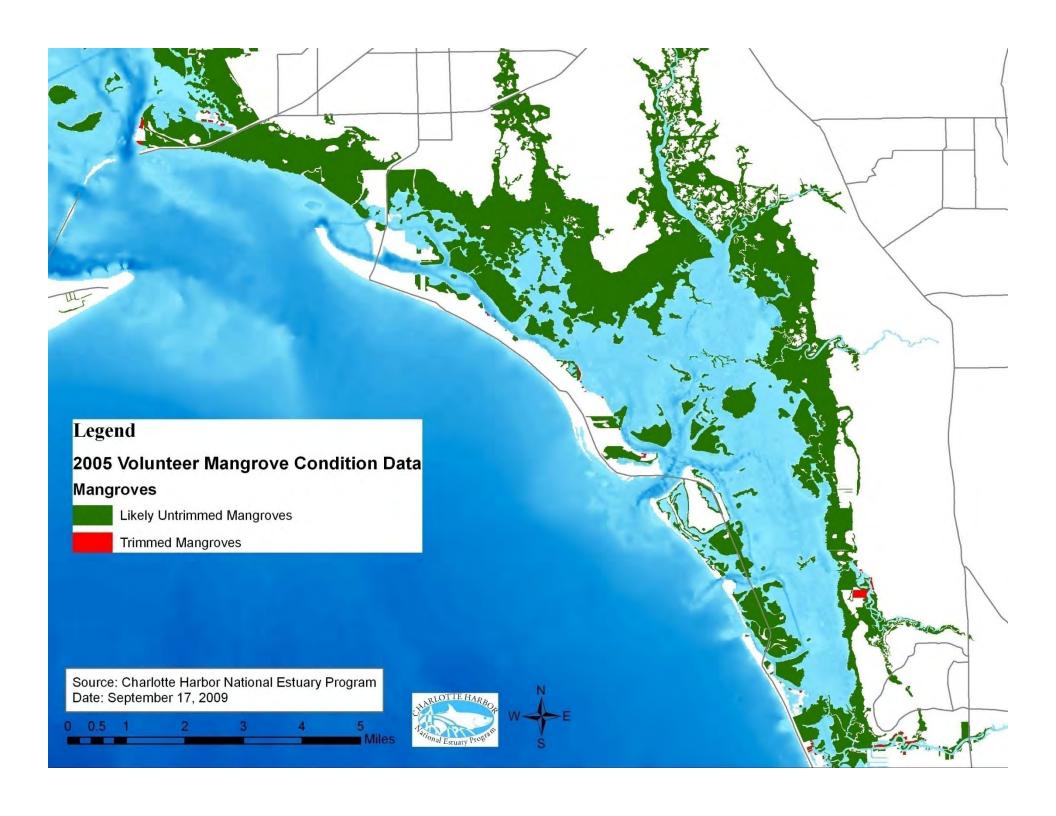


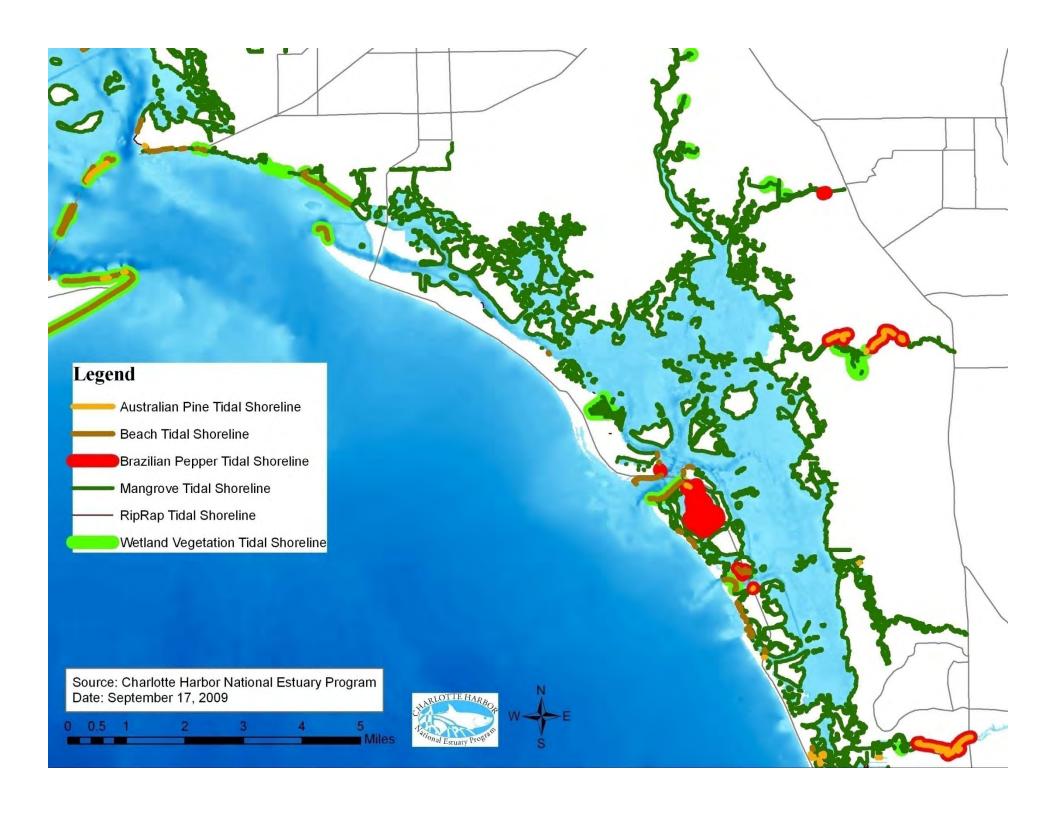
Table 3-4. Draft CHNEP Seagrass Targets						
Harbor Segment	Baseline, adjusted	Mean Annual Extent all		Restoration	Total	Target Pange
Dona and Roberts Bay	(B) 112	years (A) 91	Target 91	Target 21	112	Target Range 70-124
Upper Lemon Bay	880	1,009			1,009	
Lower Lemon Bay	2,882	2,502	2,502	380	2,882	2,396-2,597
Tidal Myakka River *	344	456	456		456	331-539
Tidal Peace River *	975	384	384	591	975	295-573
West Wall	2,106	1,907	1,907	199	2,106	1,676-2,121
East Wall	3,898	3,465	3,465	433	3,898	3,275-3,591
Cape Haze	5,670	6,998	6,998		6,998	6,709-7,464
Lower Charlotte Harbor	2,964	3,342	3,342		3,342	3,101-3,520
Pine Island Sound	23,757	26,837	26,837		26,837	25,941-29,204
Matlacha Pass	9,315	7,582	7,582	1,733	9,315	6,055-7,619
San Carlos Bay	3,118	4,372	4,372		4,372	3,709-5,376
Tidal Caloosahatchee*	93	87	87	6	93	2-103
Estero Bay	3,662	3,071	3,071	591	3,662	2,393-3,409
TOTAL	59,776	62,103	62,103	3,954	66,057	N/A

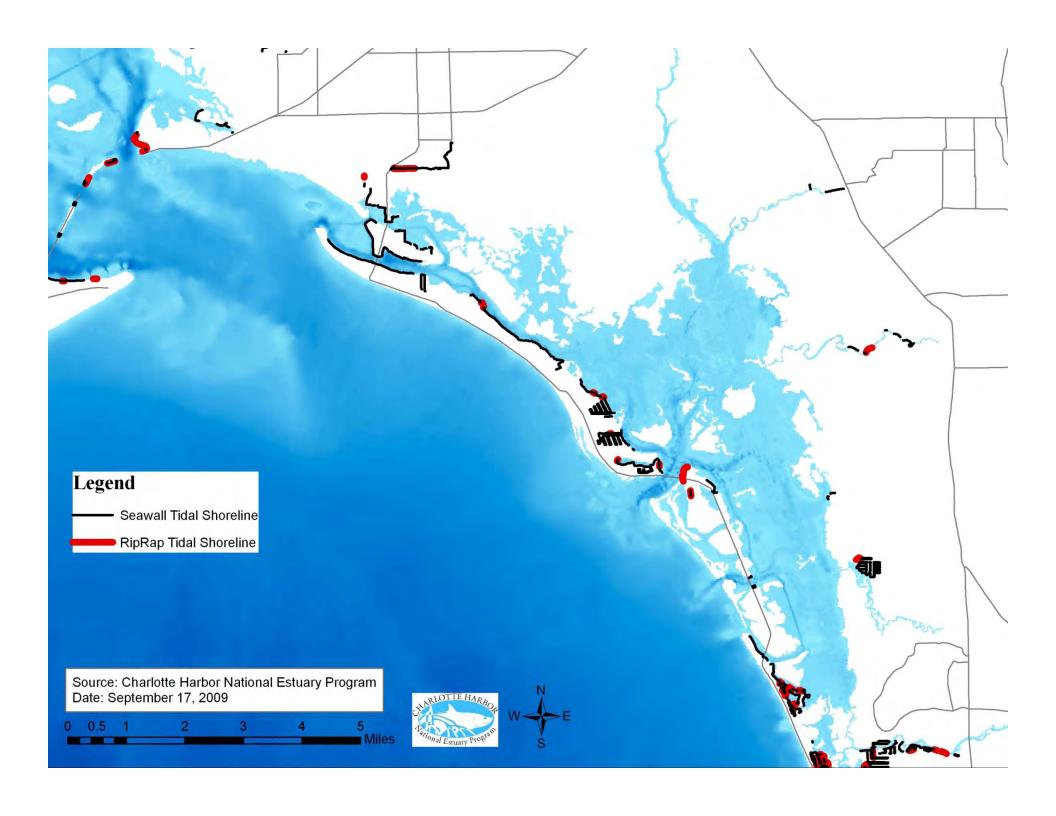


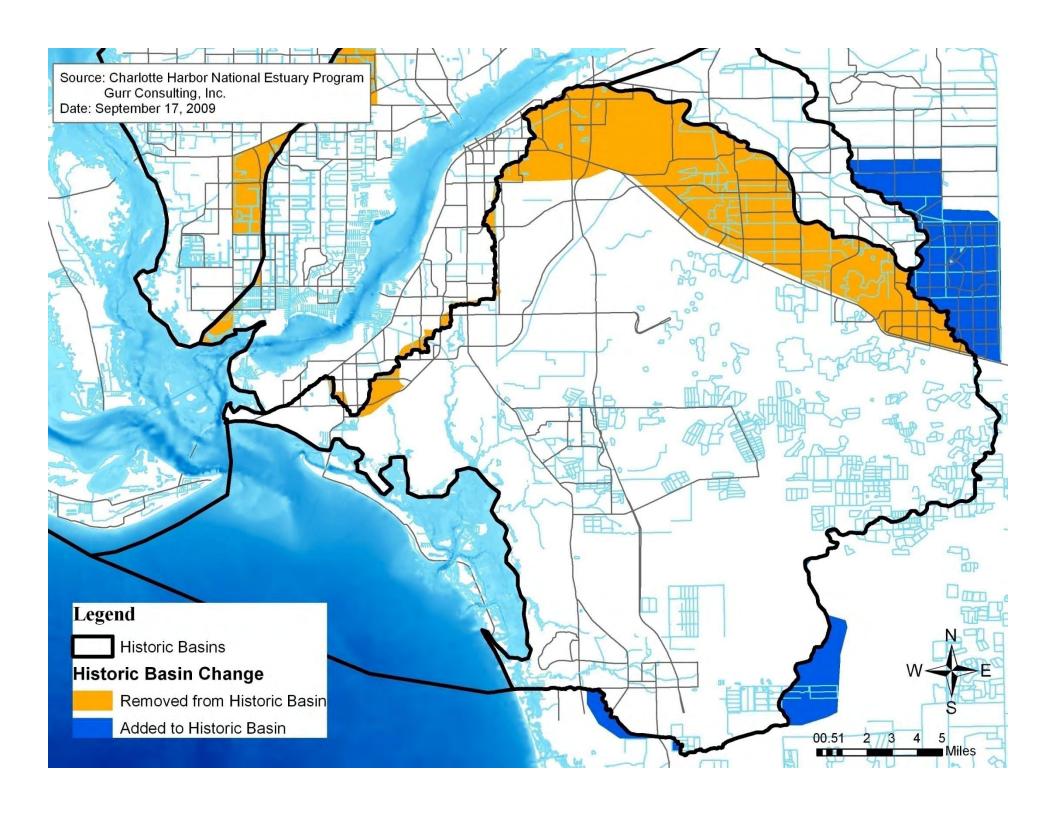


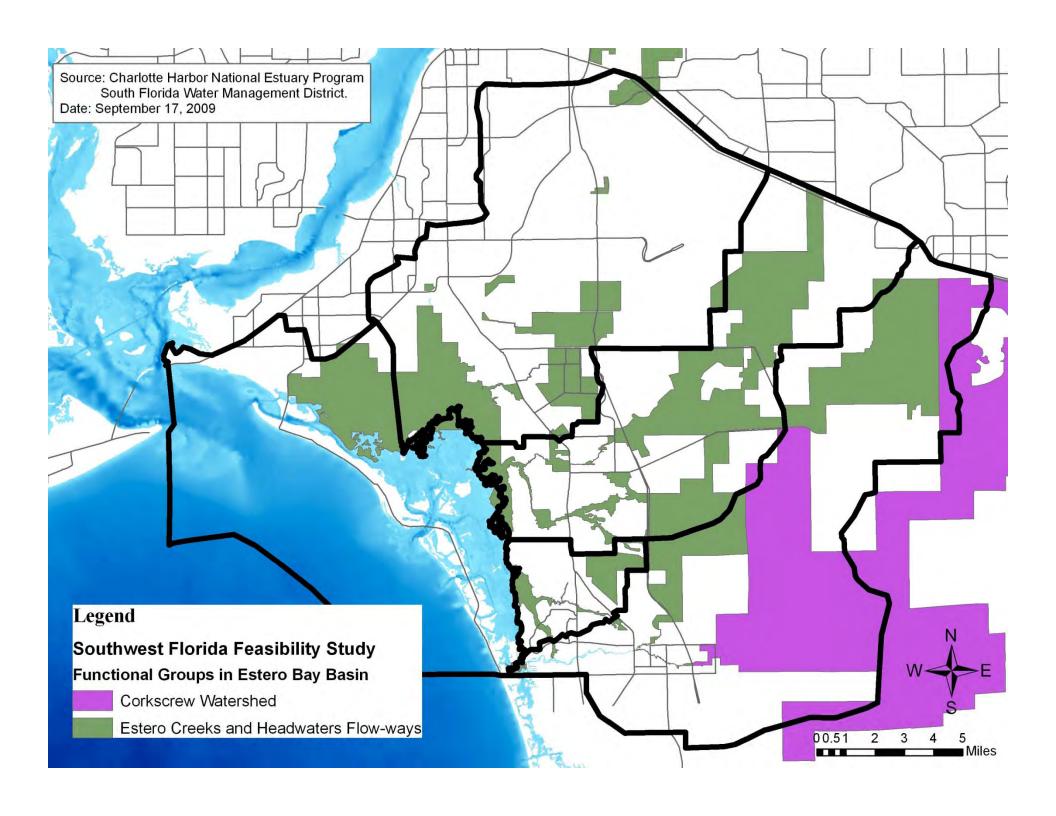


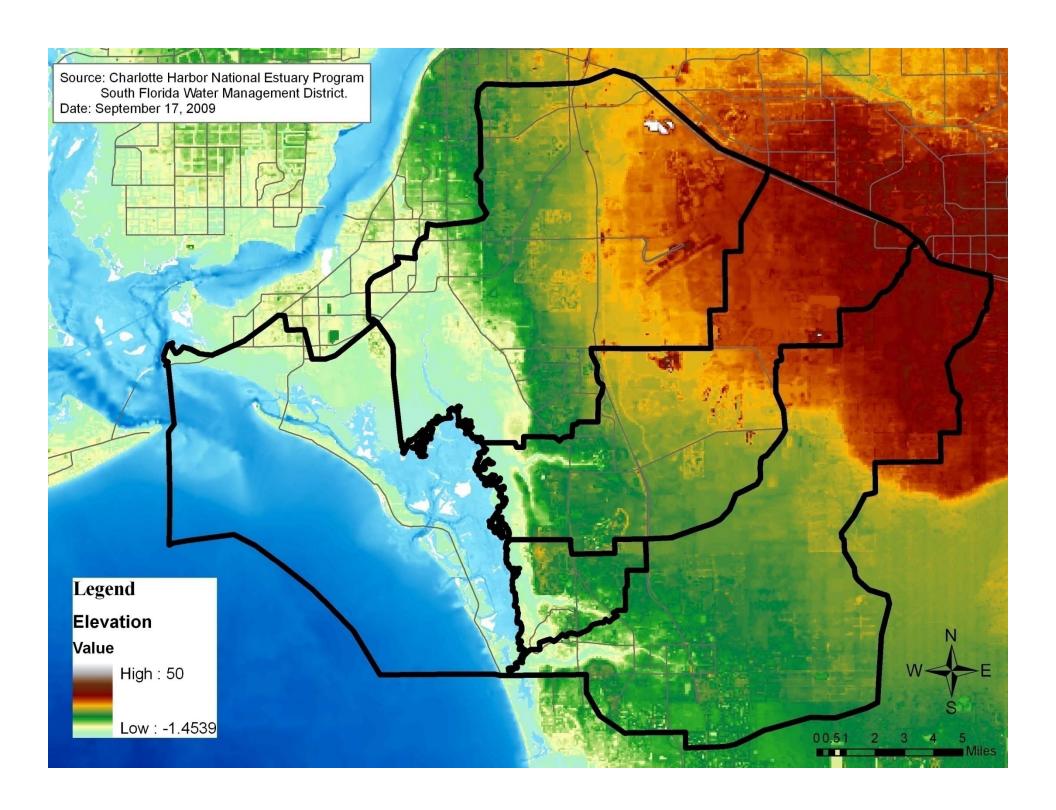


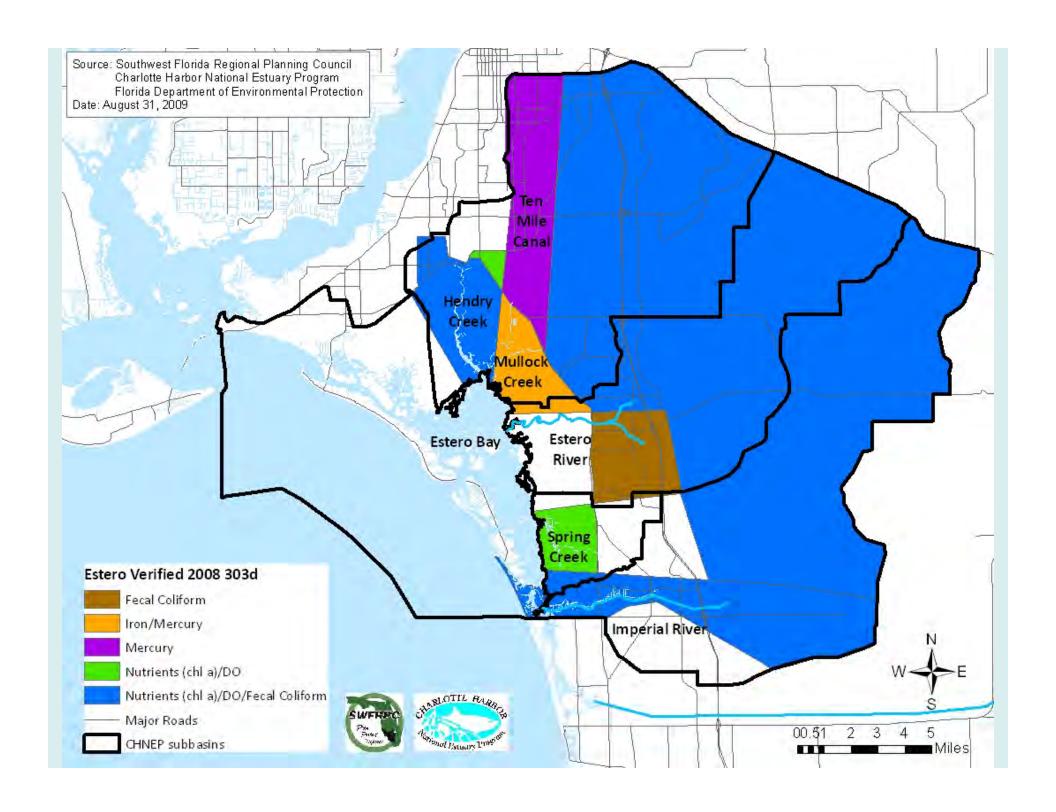


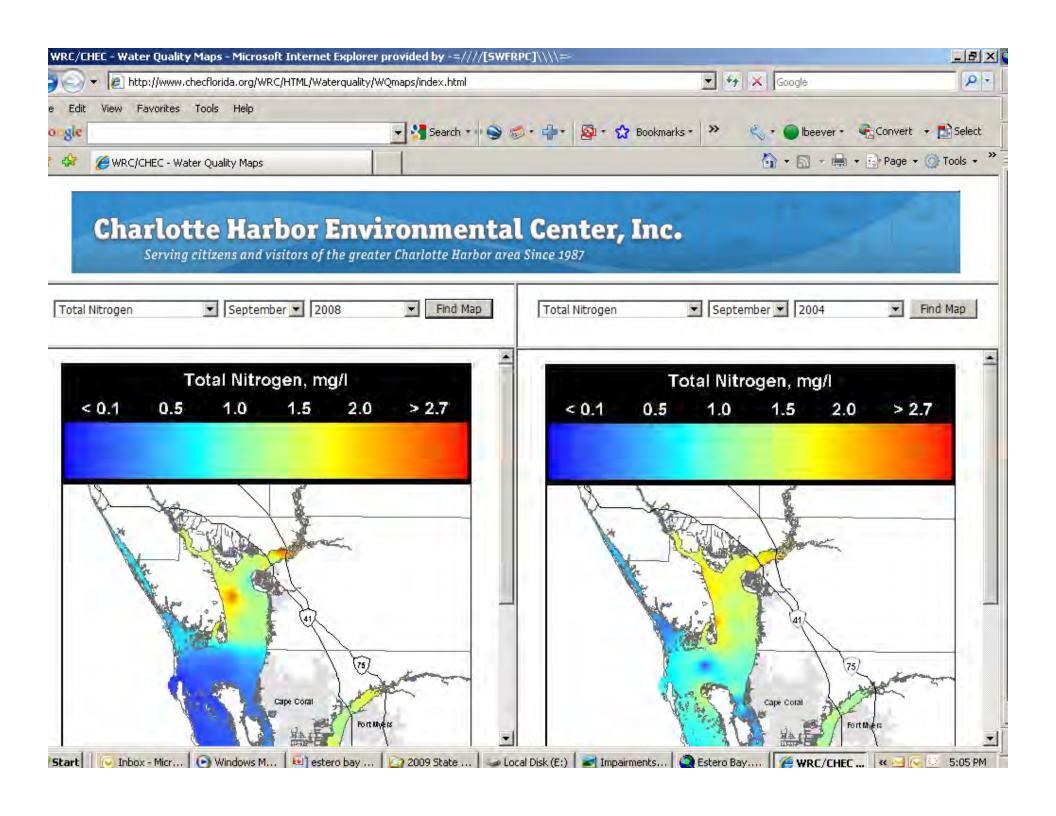


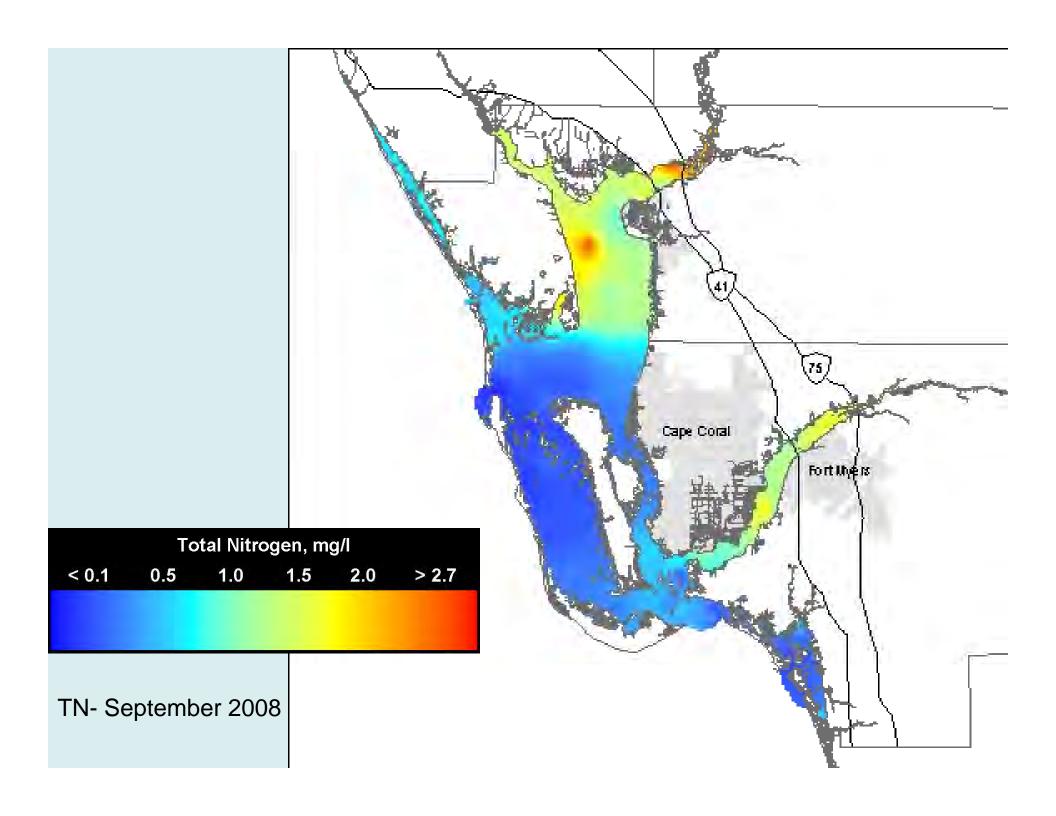


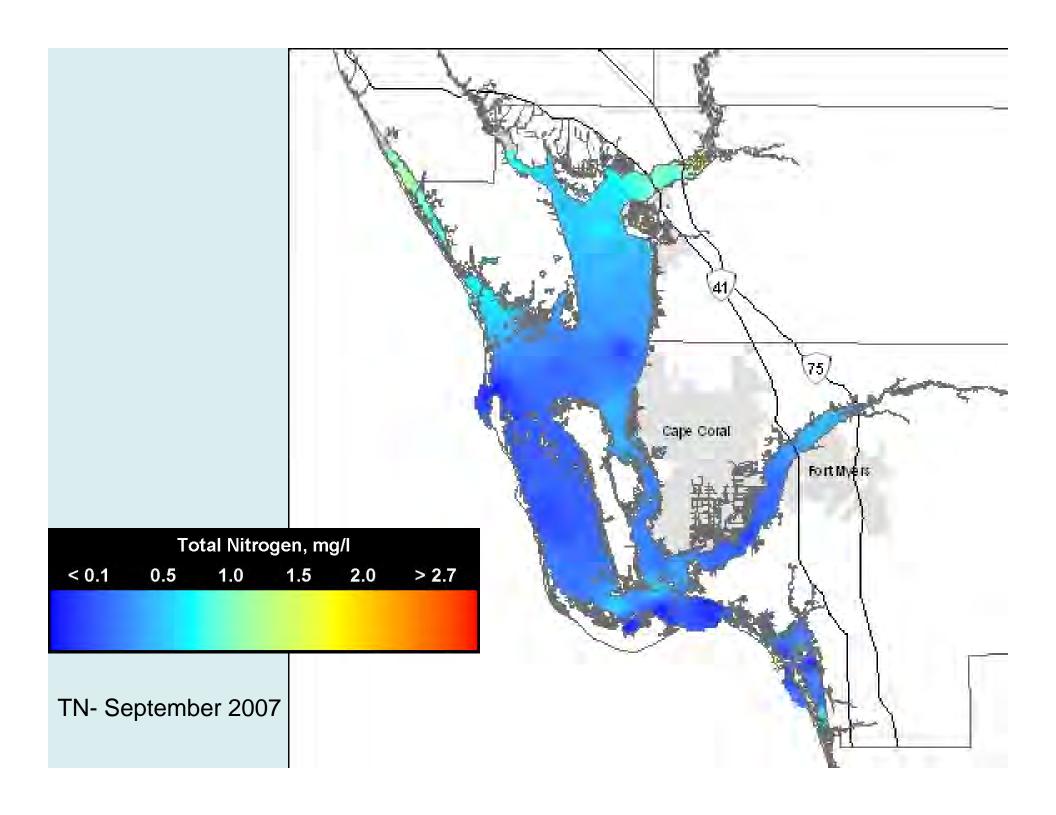


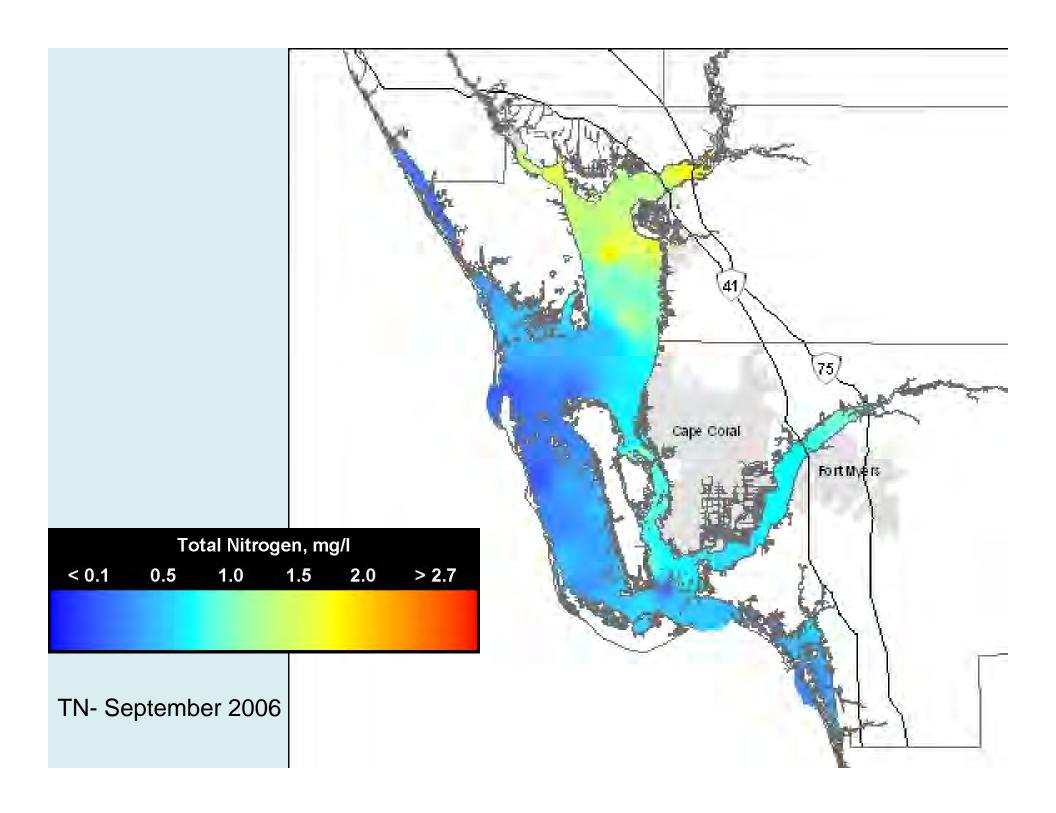


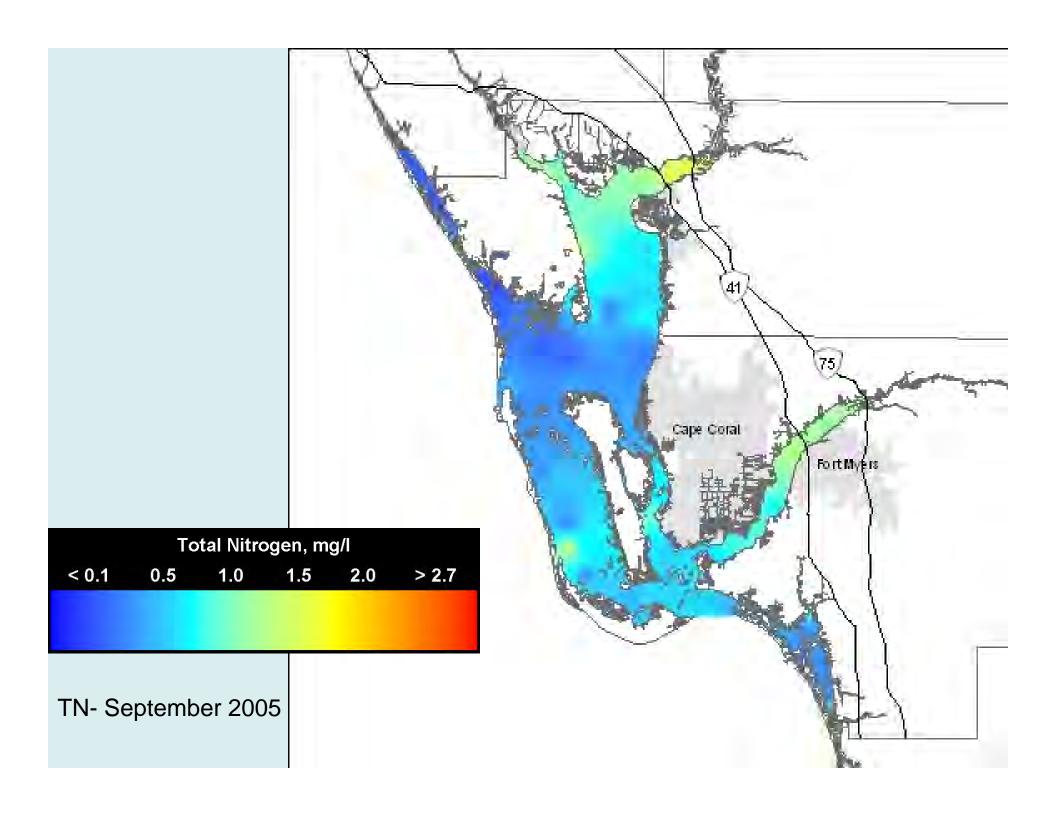


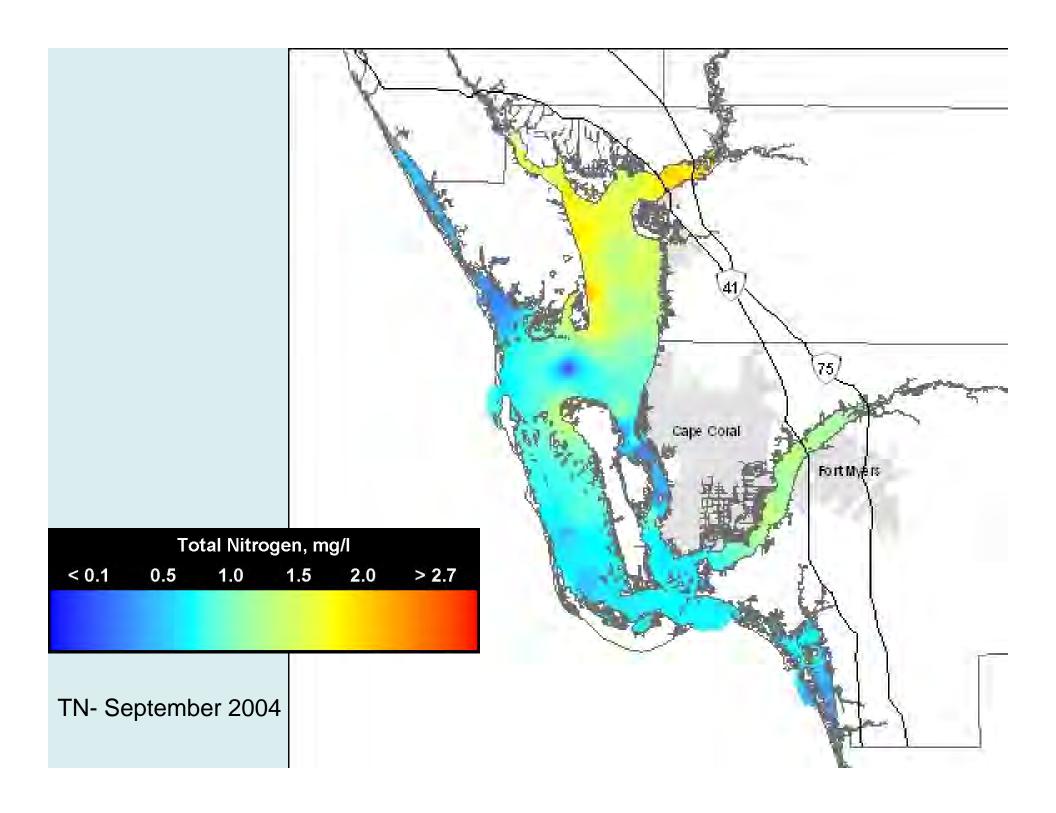


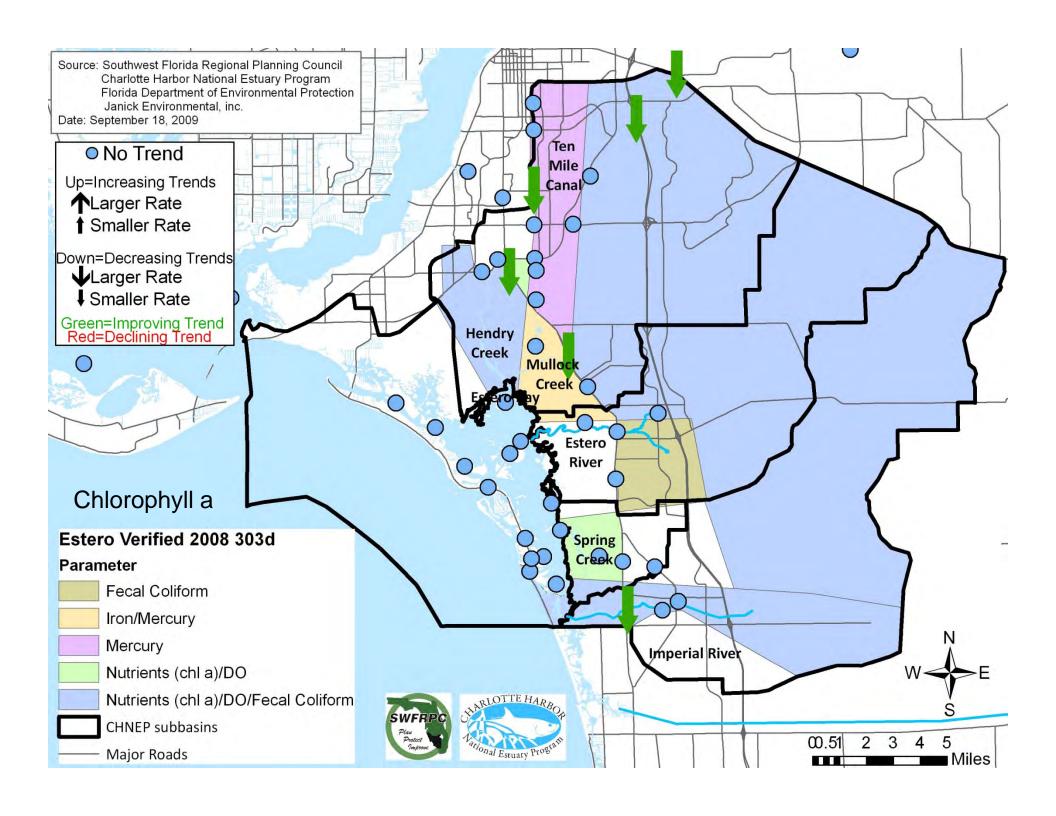


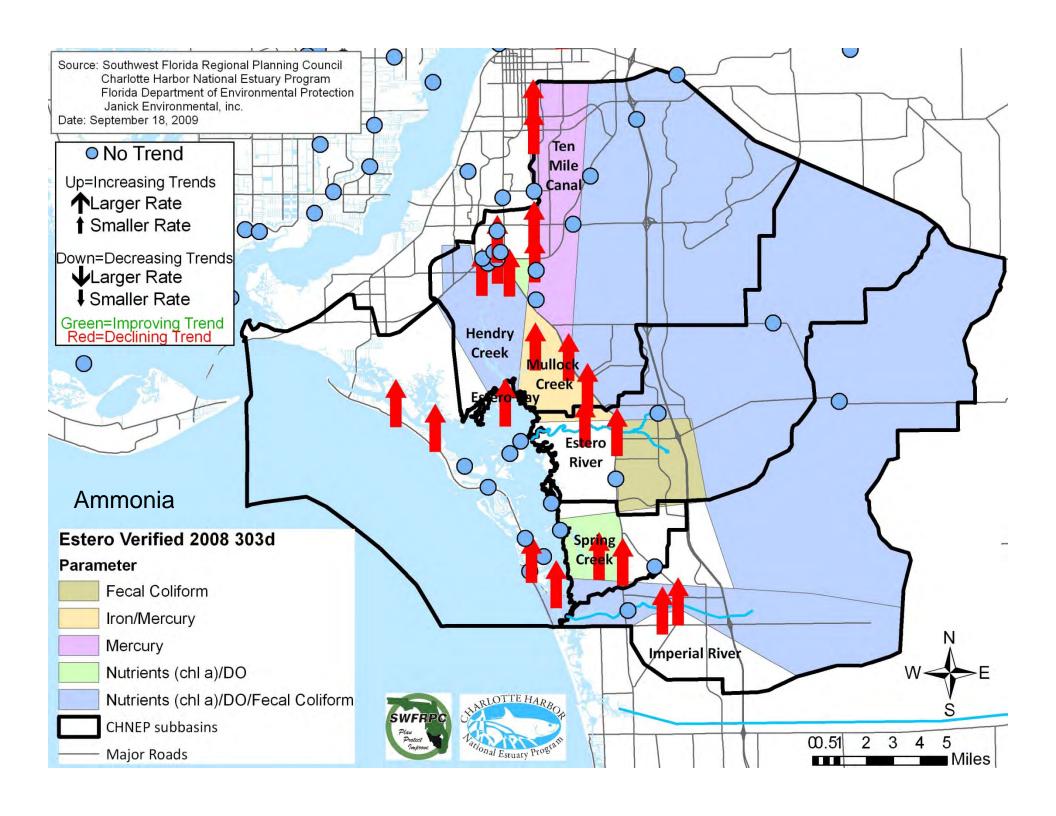


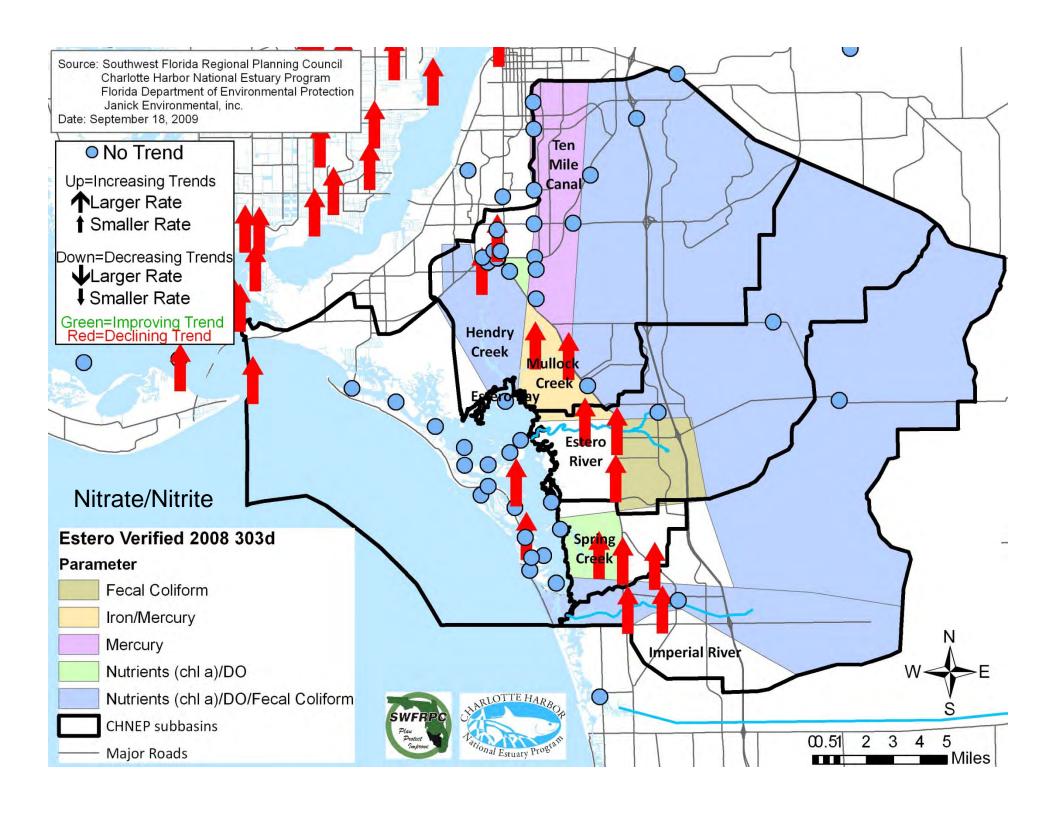


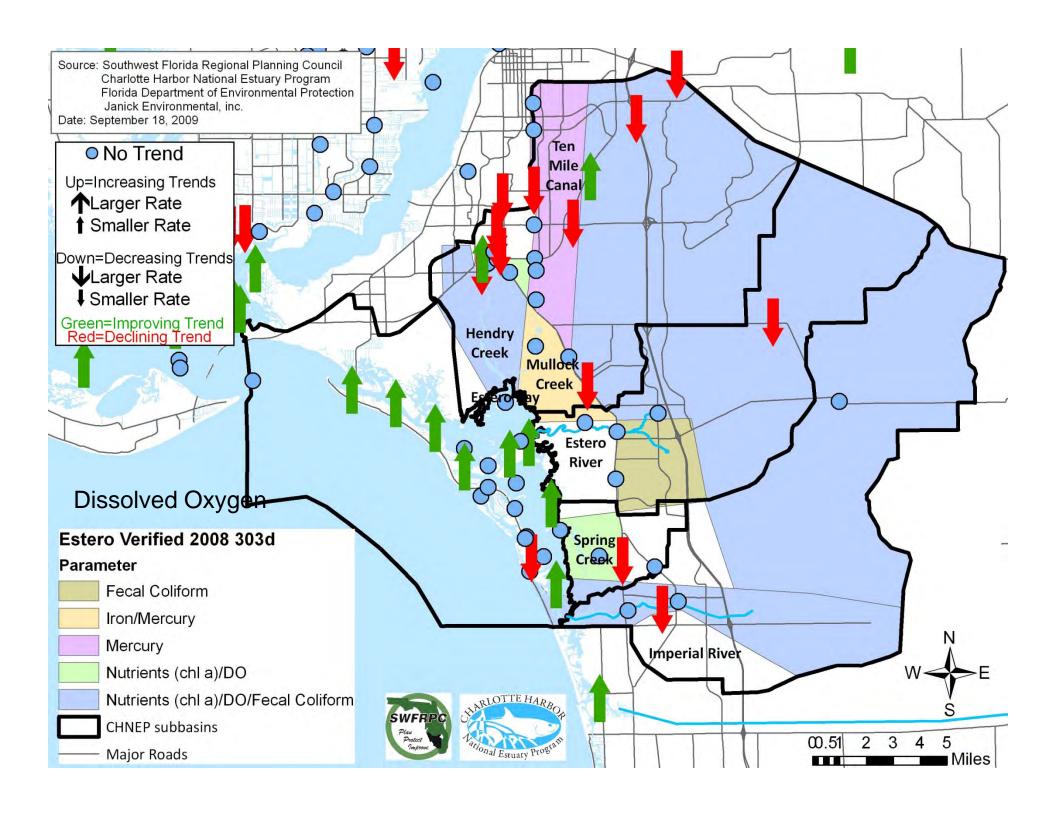


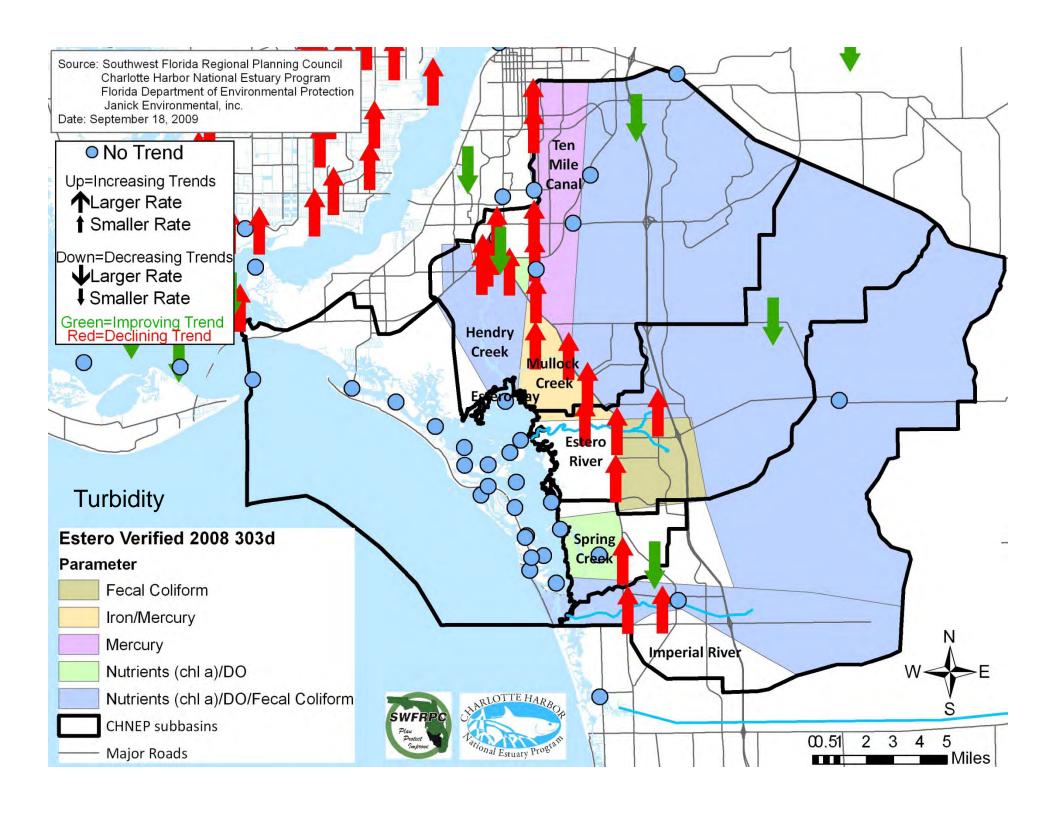


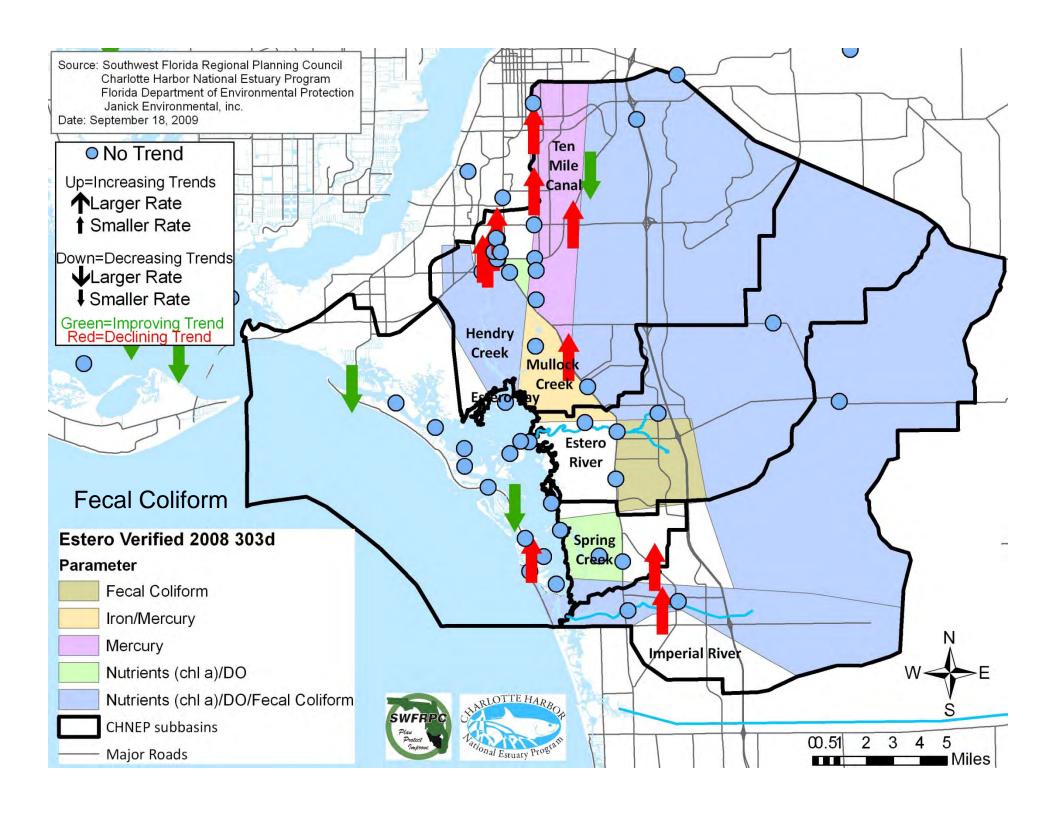












Hendry Creek Basin Onsite Treatment & Disposal Systems Implementing a Voluntary Homeowner Management Program

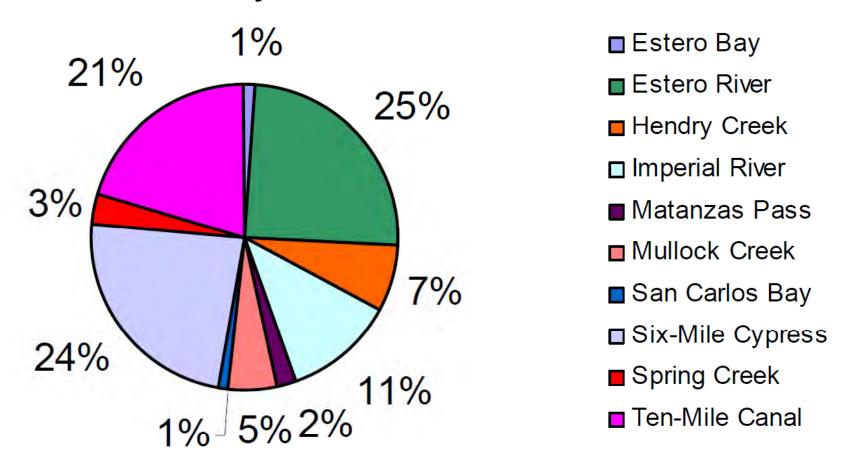


Charlotte Harbor National Estuary Program
Technical Report 07-2
October 9, 2007



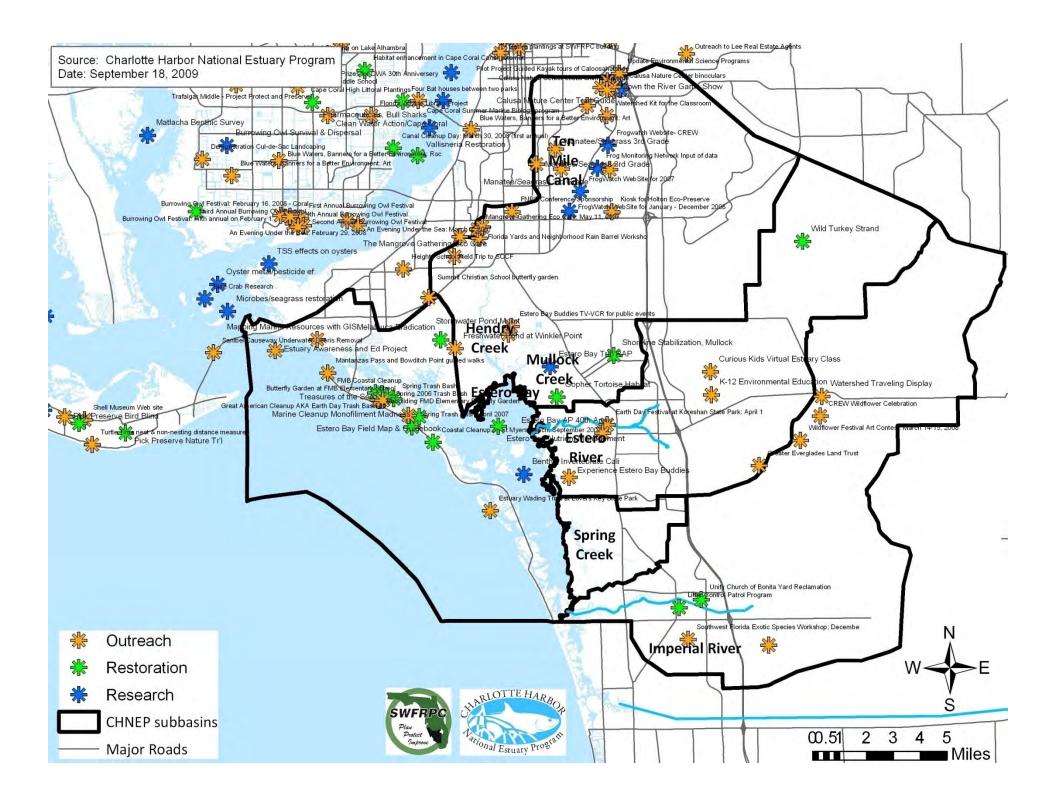
7 of 64 homeowners participated, June-August 2007

Estero Bay ERP Permits 2006-2007



There were 18 projects (5%) that had a total loss of 580.06 acres of wetland losses with no mitigation required.

http://www.swfrpc.org/content/Publications/NEP/Growth_Mgmt_Reg_EB06_07.pdf



Estero Projects under "Construction"

- Pollutant Loading (w/ and w/out BMPs)
- Restoration Tracking
- Water Quality Status and Trends to 2008
- Shoreline Conditions Update
- FDEP Data Quality Assurance (CHEVWQMN, etc.)
- Watershed Report (State of the Estuary)
- Climate Ready Estuaries

Charlotte Harbor National Estuary Program

Director: Lisa B. Beever, PhD, AICP

Deputy Director: Liz Donley, esq.

Program Scientist: Judy Ott, MS

Communications Manager: Maran Hilgendorf

1926 Victoria Ave, Fort Myers FL 33901-3414

239/338-2556, Toll free 866/835-5785 Fax 239/338-2560, chnep@swfrpc.org www.CHNEP.org