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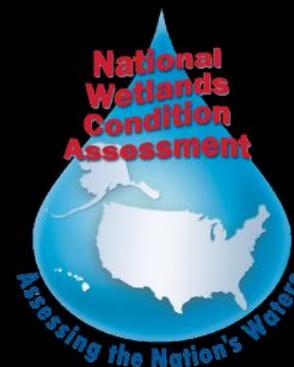


National Wetland Condition Assessment

Summer 2011

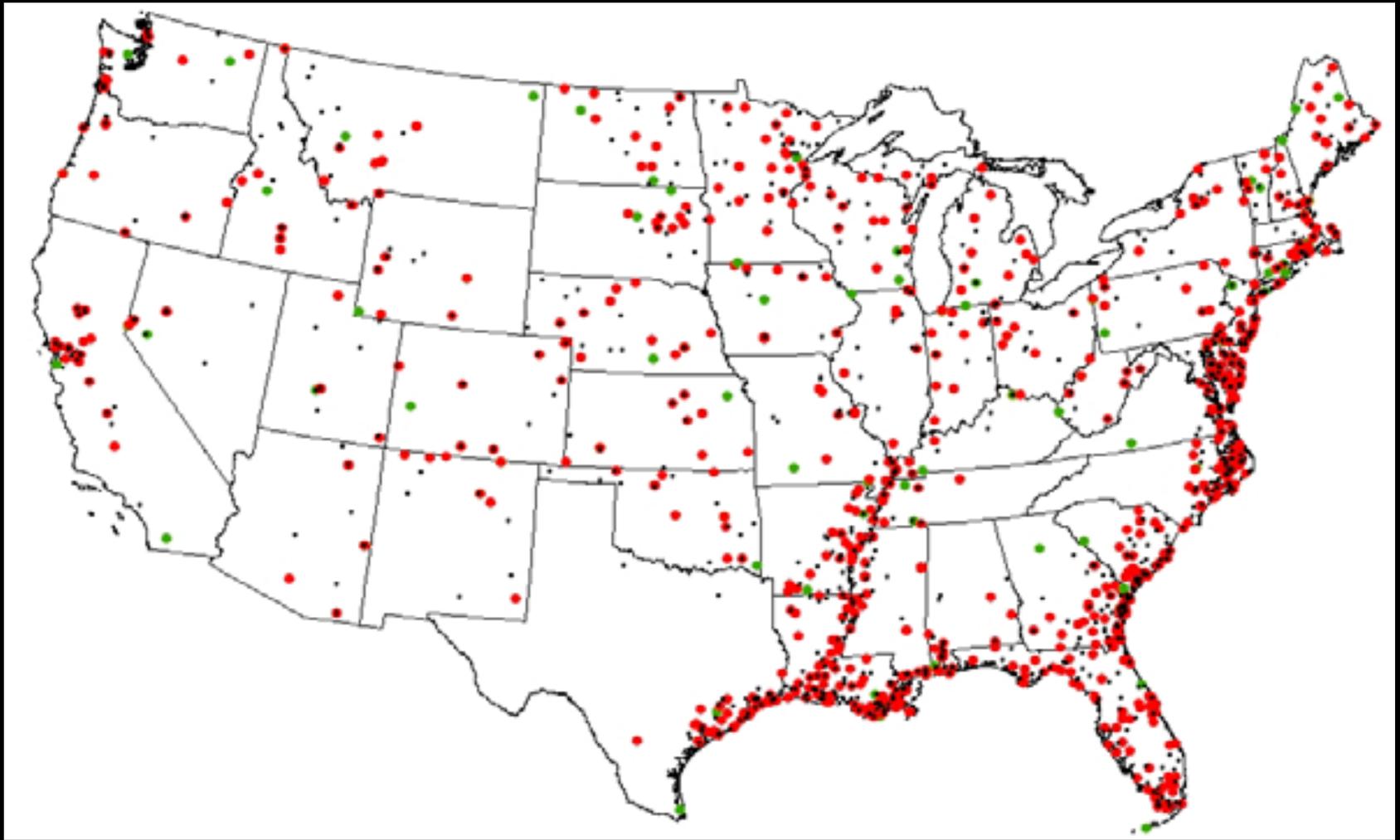


NWCA FACTS



- What is NWCA?
 - Survey of the quality of our Nation’s wetlands
- Goals of NWCA
 - Provide estimates of wetland ecological integrity
 - Help States & Tribes implement wetland monitoring and assessment programs
- Timeline
 - 2011 – Field > 2012 – Lab/Data > 2013 - Report

2011 NWCA Site Locations



1258 Sites Sampled



42 Sites in Texas, 44 Visits

San Antonio

Houston

Galveston Bay Gulf of Mexico

Galveston Island

Matagorda Island

Claypile Bank

Stetson Bank

Corpus Christi

Nuevo Laredo

Alamo Mound

Gould Basin

Northwest Slope

Mansfield Dome

Rudder Basin

Reynosa

Logistics



Coordinating
with land owners
for site access



Finding best route to site



Locating the "AA"

Samples Collected



Water Quality



Site Characterization



Vegetation



Soil Characterization

Water Quality

Samples collected

- Surface Water Readings

- Water chemistry

- Chlorophyll-*a*

- Algae species & toxins



Site Characterization

- Identify wetland type
- Characterize the site
 - Vegetation types
 - Water present
 - Stressors to wetland
 - Urban encroachment
 - Dredging
 - Soil erosion
 - Agriculture



Vegetation

- Field botanist John Ward
- Identified plant species and cover
- Voucher specimens sent to QA botanist, Larry Brown



Soils

- Identified and characterized each soil horizon to 125 cm
- Sampled for soil chemistry and bulk density



Other NWCA Facts

It was HOT!



It was a dirty job



The wetlands weren't always so wet



We had many modes of transportation



EIH Field Sampling Crew



Marco!

