



PLAQUEMINES PARISH COASTAL INITIATIVES

Cat Islands



THE CAT ISLANDS

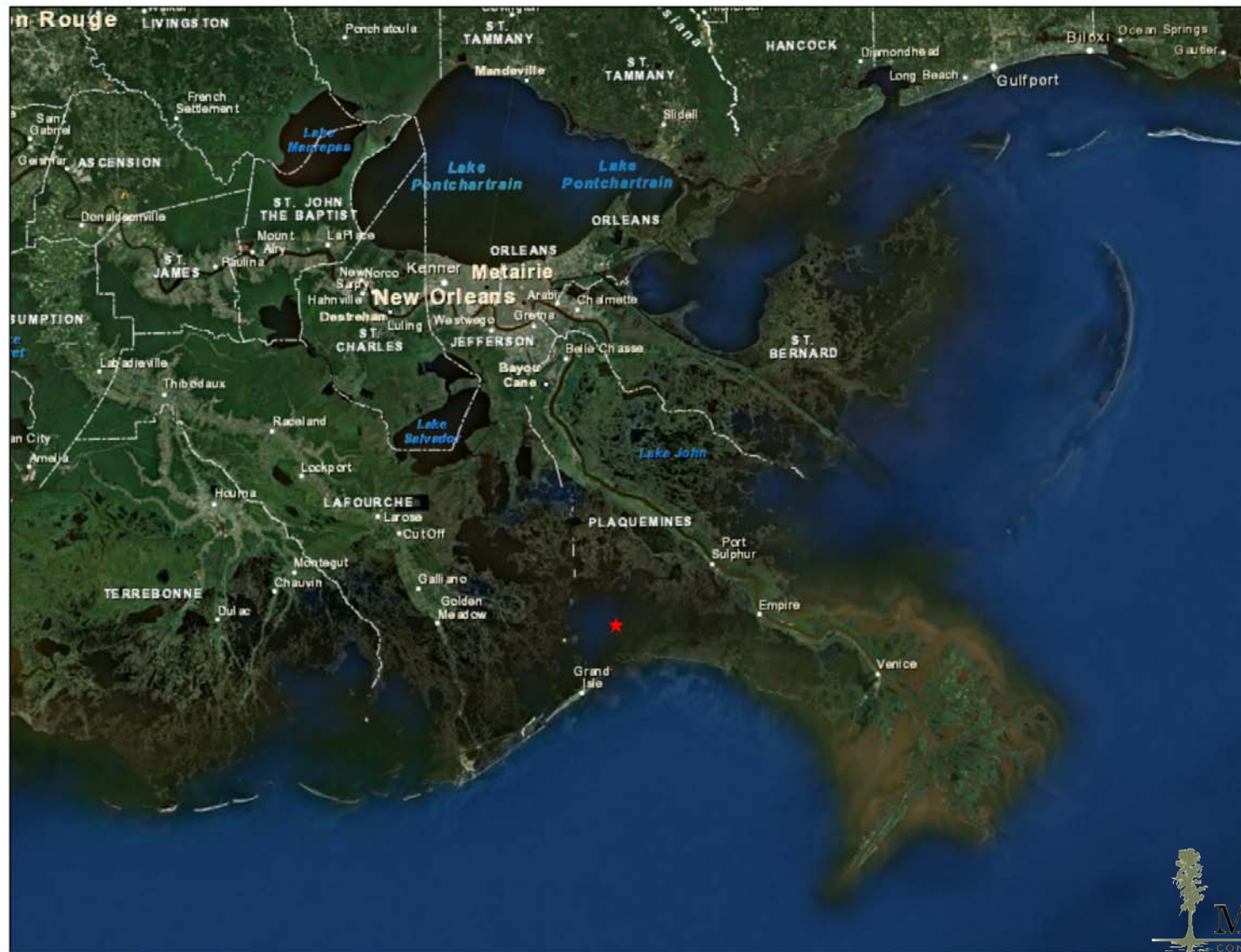


**AFTER 1960, THERE WERE NO MORE
PELICANS LEFT IN LOUISIANA**



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PROJECT LOCATION



Environmental Response
Management Application (ERMA) 



BIRDS OF THE CAT ISLANDS



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Tyrone Turner- National Geographic Magazine

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BIRDS OF THE CAT ISLANDS



BIRDS OF THE CAT ISLANDS



QUANTIFYING THE IMPACT



- **Study Estimates 600,000-800,000 Coastal Birds Died in first 3 months**
 - *Still Counting Gulf Spill's Dead Birds*- New York Times (May 5, 2014)
 - http://mobile.nytimes.com/2014/05/06/science/still-counting-gulf-spills-dead-birds.html?_r=0&referrer
- **Projected that Bird Fatalities will Exceed 1 Million**
 - *More than One Million Birds Died During Deepwater Horizon Disaster*, Audubon Magazine (May 6, 2014)
 - <http://mag.audubon.org/articles/conservation/more-one-million-birds-died-during-deepwater-horizon-disaster>

HISTORIC LAND LOSS – CAT ISLAND WEST



1935 – 350 acres

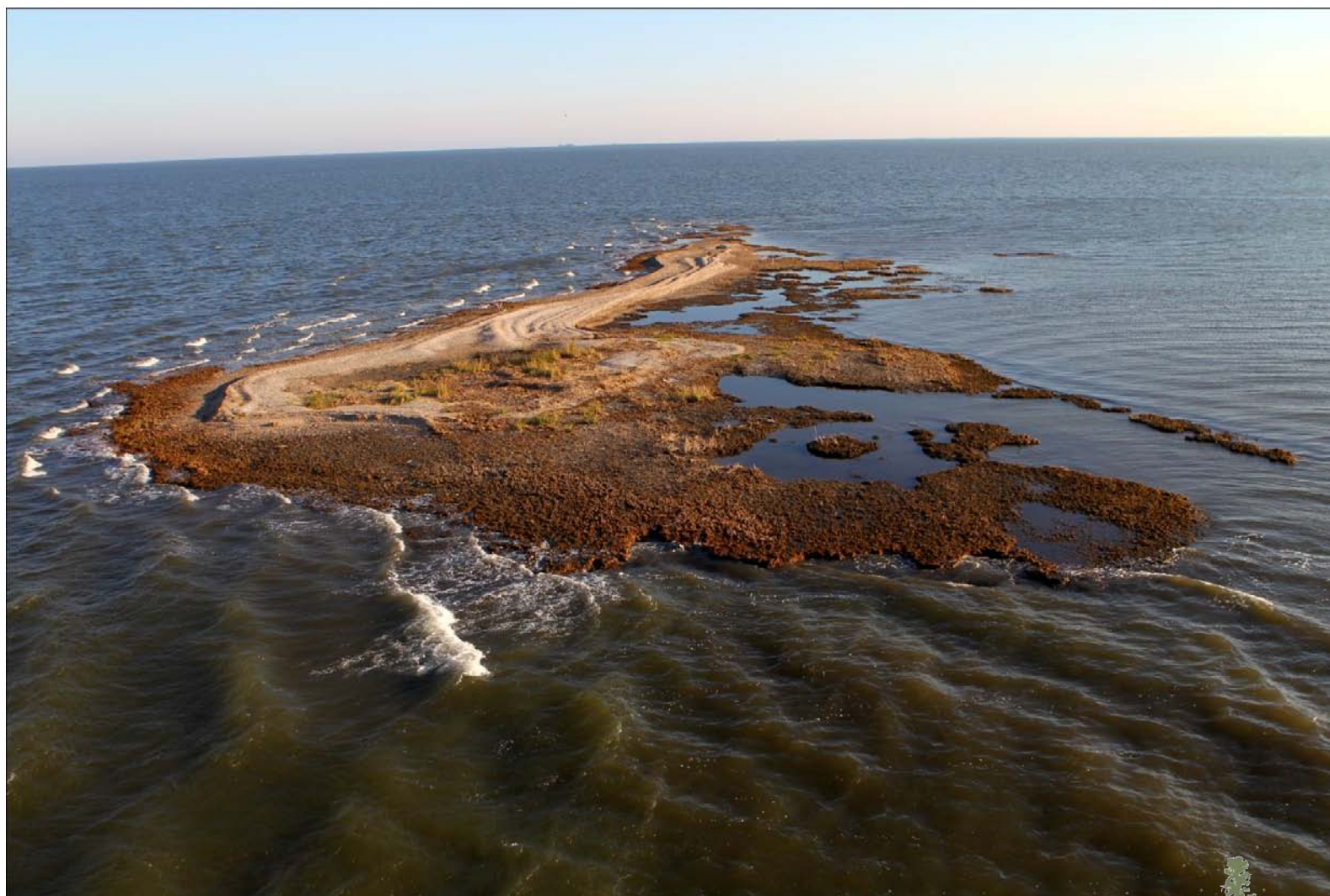
1998 – 40 acres

2012 – Less than 1 acre

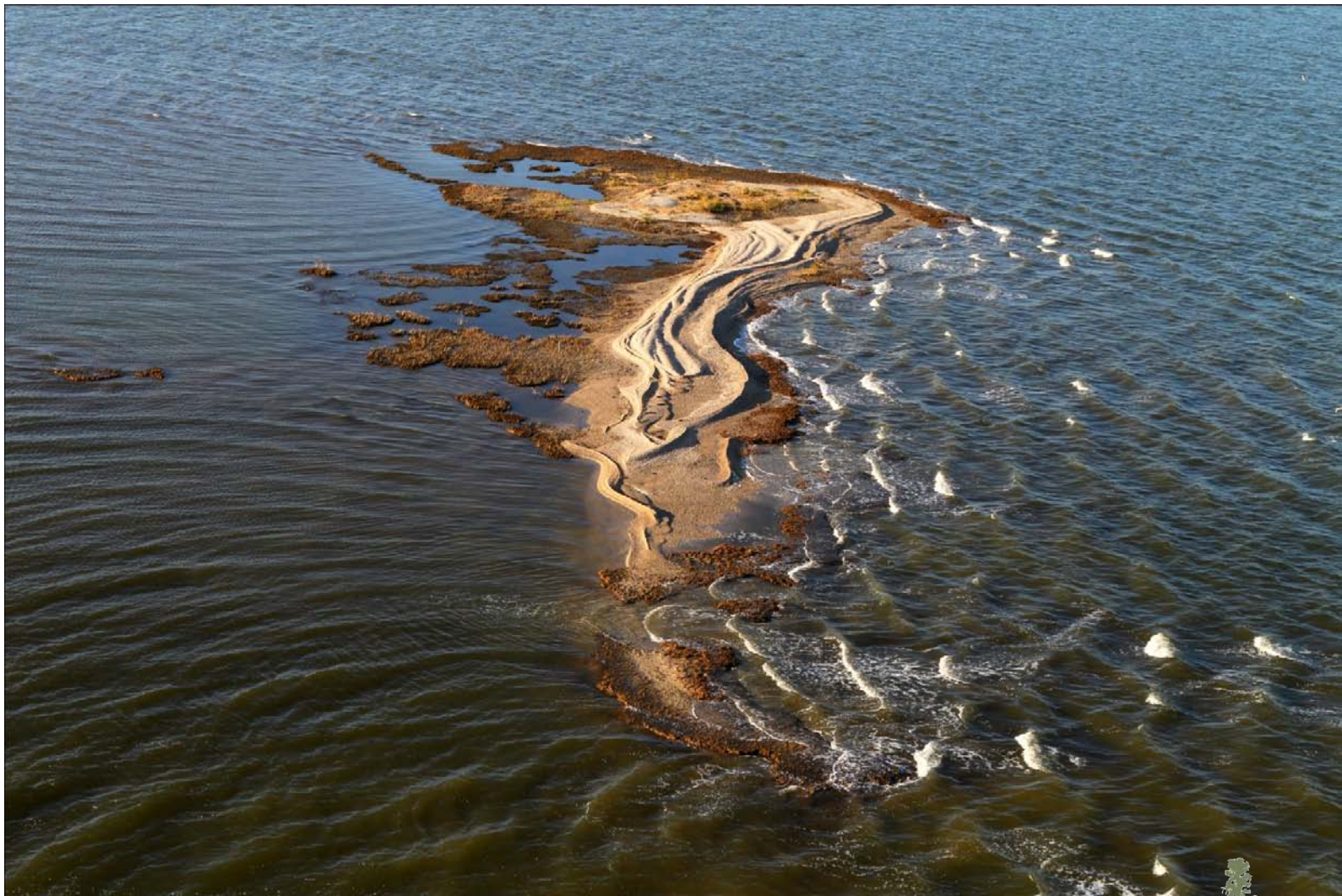
CAT ISLAND WEST – JANUARY 2012



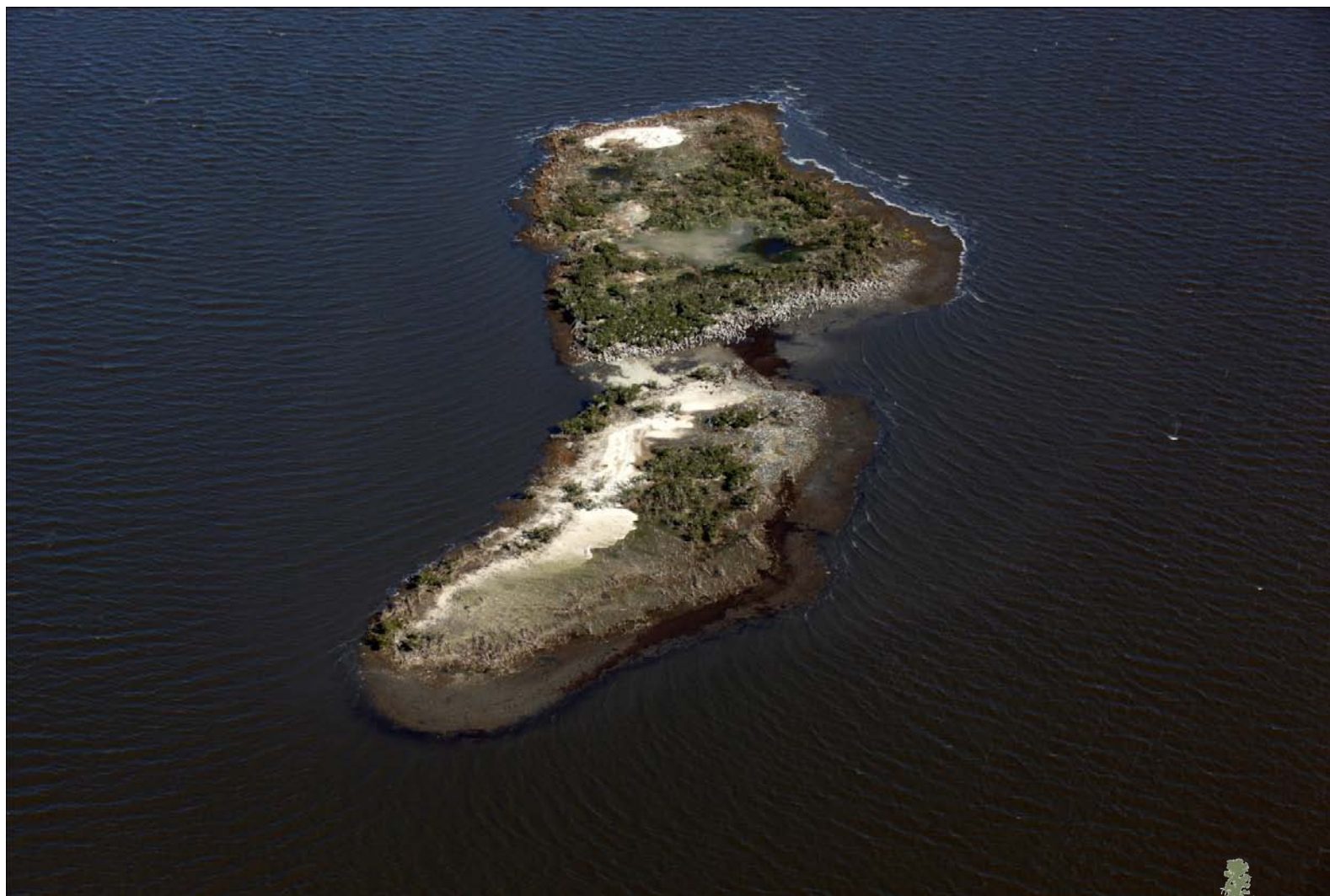
CAT ISLAND WEST – NOVEMBER 2012



CAT ISLAND WEST – NOVEMBER 2012



CAT ISLAND EAST – JANUARY 2012



CAT ISLAND EAST – NOVEMBER 2012



CAT ISLAND EAST – NOVEMBER 2012



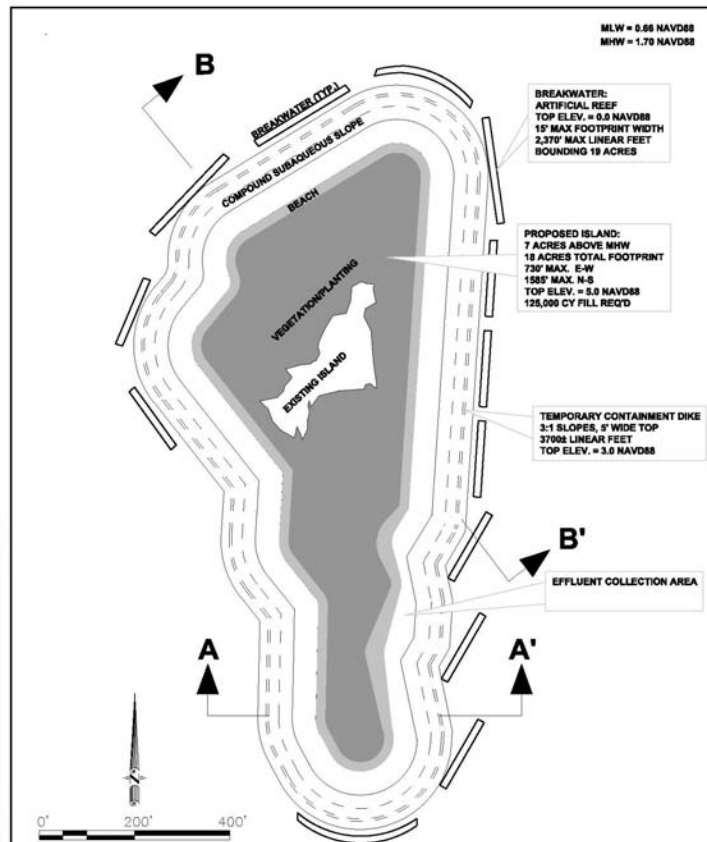
CAT ISLAND EAST – TODAY



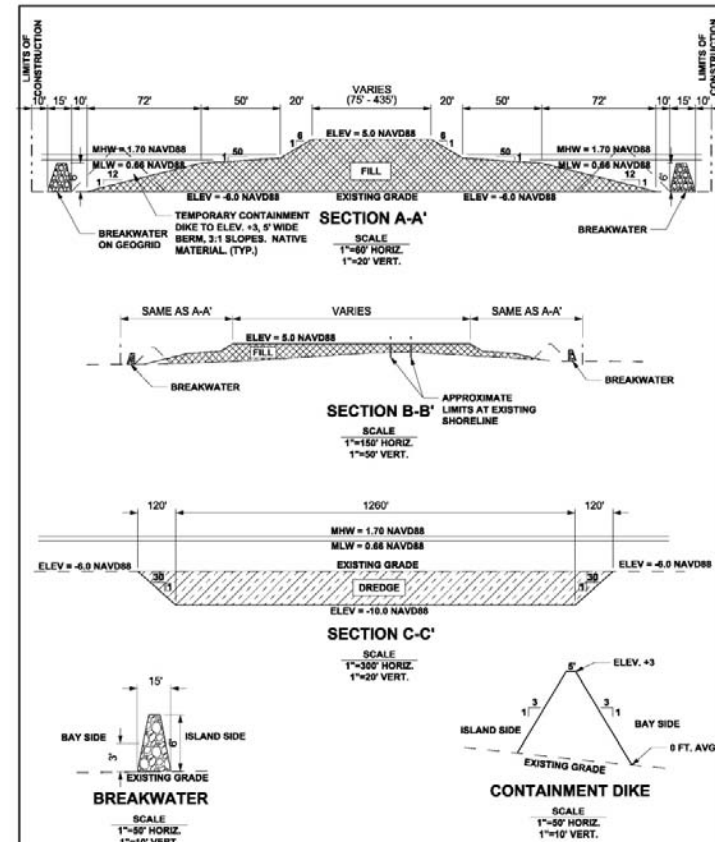
CAT ISLANDS- CAPTURING THE LOSS



RESTORATION PLAN – CAT ISLAND WEST



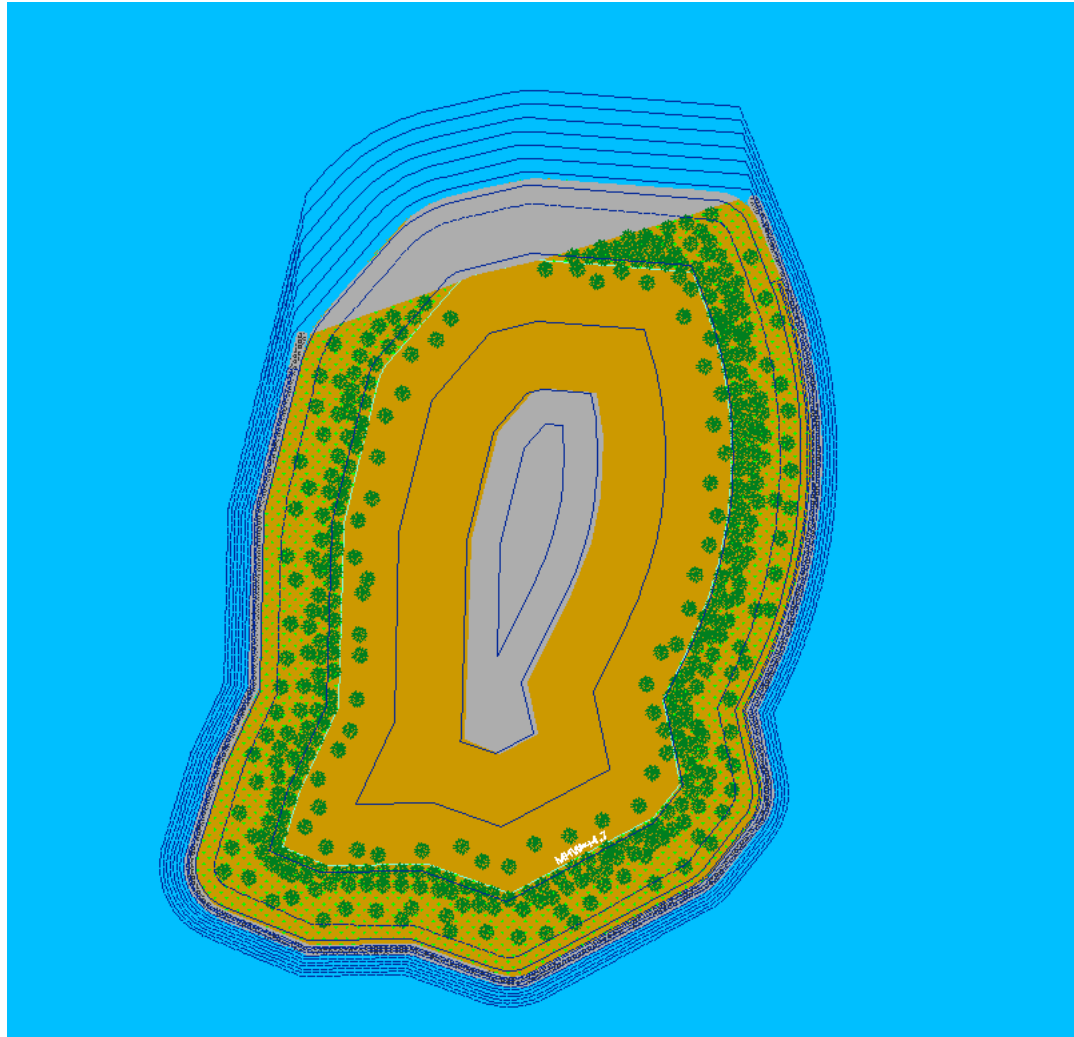
PROJECT MANAGER PROJECT MAN	DEPARTMENT MANAGER DEPARTMENT MAN	LEAD DESIGN PROF. LEAD DESIGN	CHECKED BY CHECKED BY
SHEET TITLE	TASK/PHASE NUMBER TASK/PHASE NUMBER	DRAWN BY	DRAWN BY
PROJECT NUMBER	PROJECT NUMBER	DRAWING NUMBER	DRAWING NUMBER
PLAN VIEW DRAWING		3	



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CROSS SECTION DRAWING		4	



PLAN VIEW: *LOW TIDE*



Proposed Island

18.900 Ac. at Containment Berm

10.4 Ac. at MHW

8.5 Ac. of Intertidal Zone

0.4 Ac. +4 Top of Island

CONCEPTUAL RENDERING



RESTORATION PARTNERSHIP



- Plaquemines Parish Government
- Barataria – Terrebonne National Estuary Program
- Shell
- Apache Minerals
- Coastal Impact Assistance Program
- American Bird Conservancy
- National Audubon Society

Total funds and donations: \$3M



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Questions & Discussion