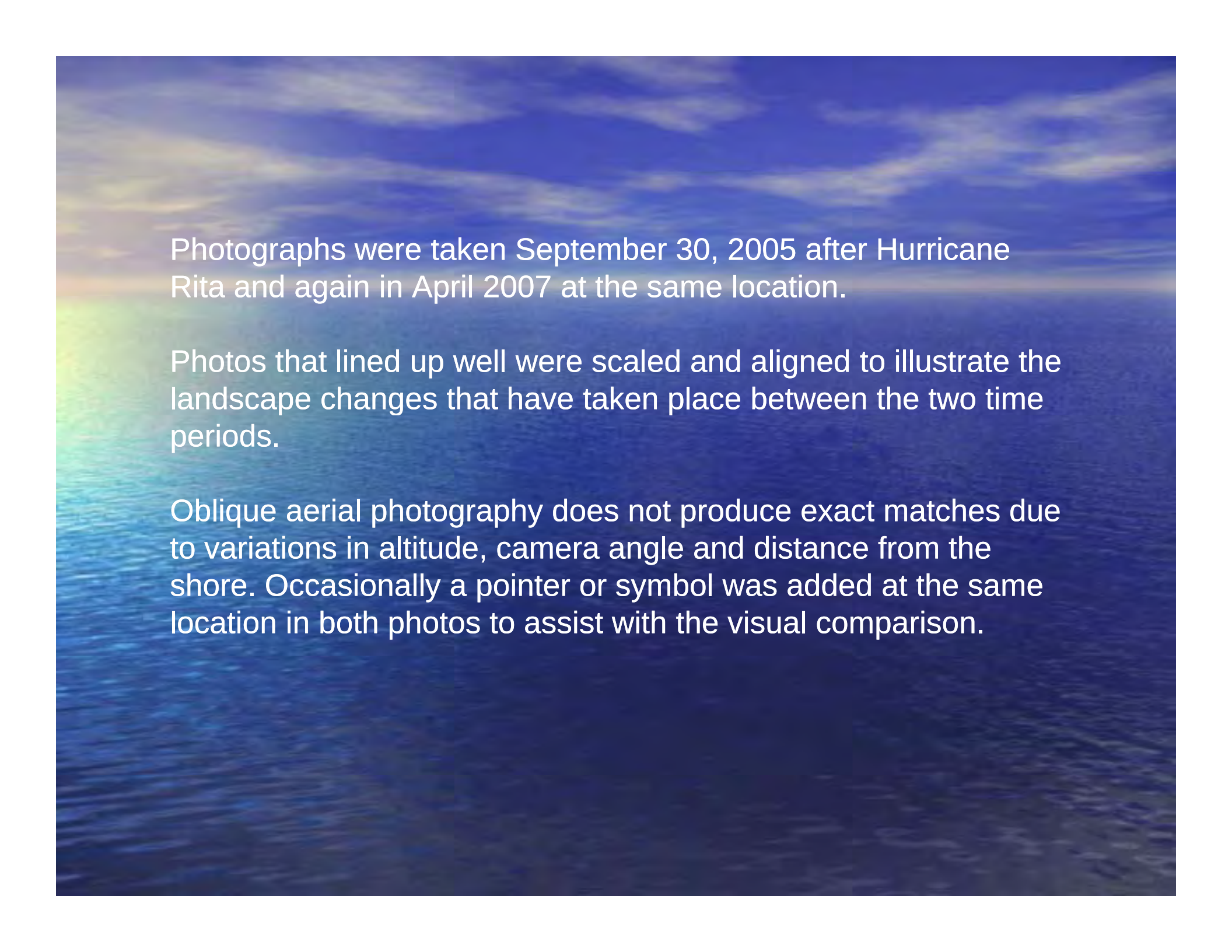


2005 - 2007 Comparison Photo Pairs for the Plaquemines Shoreline of the Modern Delta

Cheniere Ronquille to Sandy Point

Aerial Video Survey Program
Pontchartrain Institute for Environmental Sciences
University of New Orleans



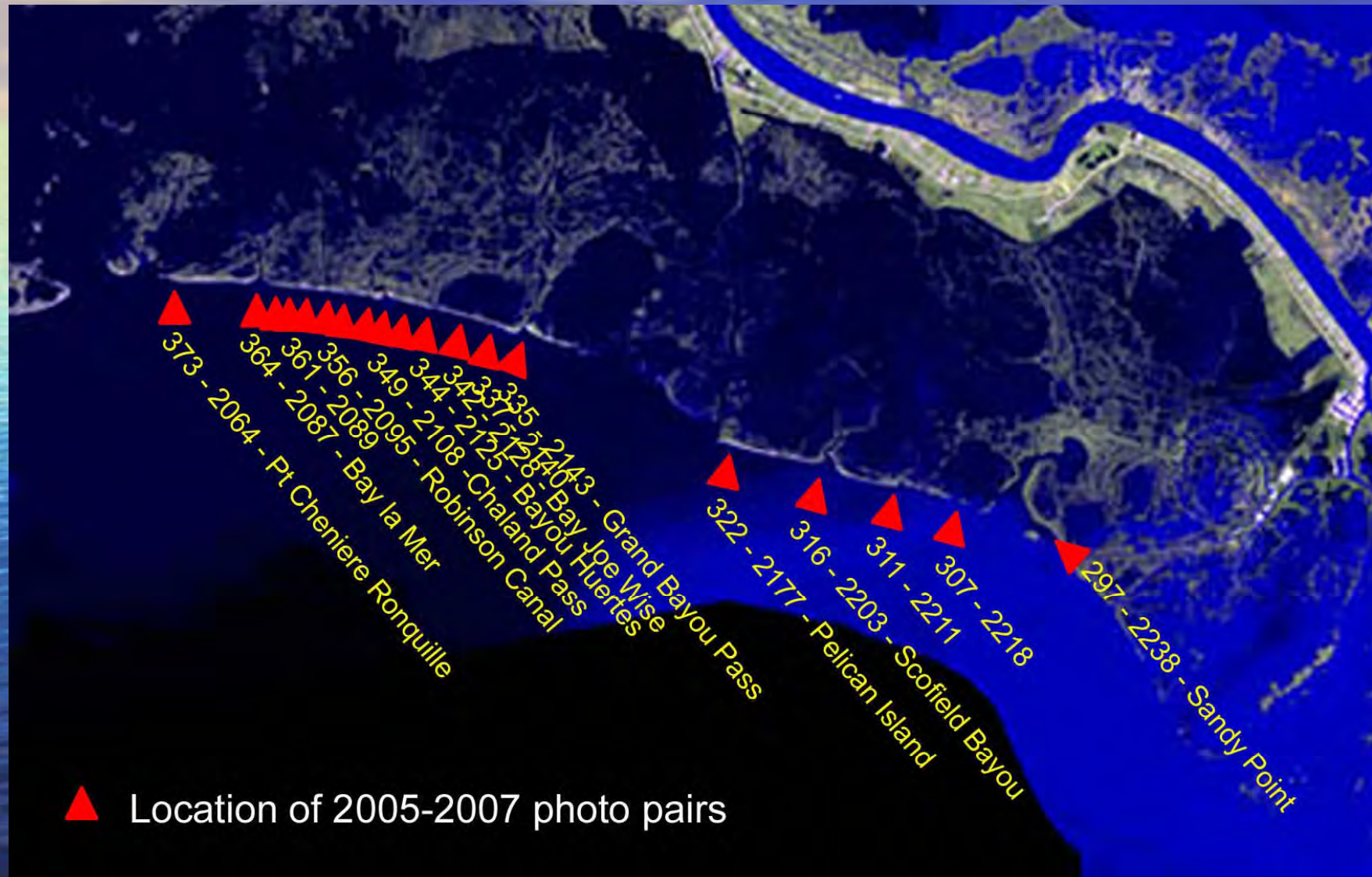


Photographs were taken September 30, 2005 after Hurricane Rita and again in April 2007 at the same location.

Photos that lined up well were scaled and aligned to illustrate the landscape changes that have taken place between the two time periods.

Oblique aerial photography does not produce exact matches due to variations in altitude, camera angle and distance from the shore. Occasionally a pointer or symbol was added at the same location in both photos to assist with the visual comparison.

The location of each pair in the following slideshow is indicated on the map by a red triangle. The slideshow begins at the left of this diagram and proceeds east.



Cheniere
Ronquille
Point
(View to the
northeast)

BICM segment #46
"Chaland Headland"



September 30, 2005



April 21, 2007

Cheniere Ronquille- 29°18'52" / 89°49'16" View to the northeast (41°)

Bay la Mer

(View to the north)

BICM segment #46
"Chaland Headland"



September 30, 2005



April 21, 2007

Bay la Mer - 29°18'38" / 89°47'09" View to the north (11°)

East
Bay la Mer
(view to the
north)

Red triangle marks
same feature in both
time periods

BICM segment #46
“Chaland Headland”



September 30, 2005



April 21, 2007

East of Bay la Mer- 29°18'33" / 89°46'52" View to the north (21°)

Plaquemine Shoreline (View to the north)

BICM segment #46
"Chaland Headland"



September 30, 2005



April 21, 2007

Plaquemine Shoreline - 29°18'31" / 89°46'38" View to the north (5°)

Plaquemine Shoreline (View to the north)

BICM segment #46
"Chaland Headland"



September 30, 2005



April 21, 2007

Plaquemine Shoreline- 29°18'27" / 89°46'16" View to the north (1°)

Robinson Canal

(View to the north)

BICM segment #46
"Chaland Headland"



September 30, 2005

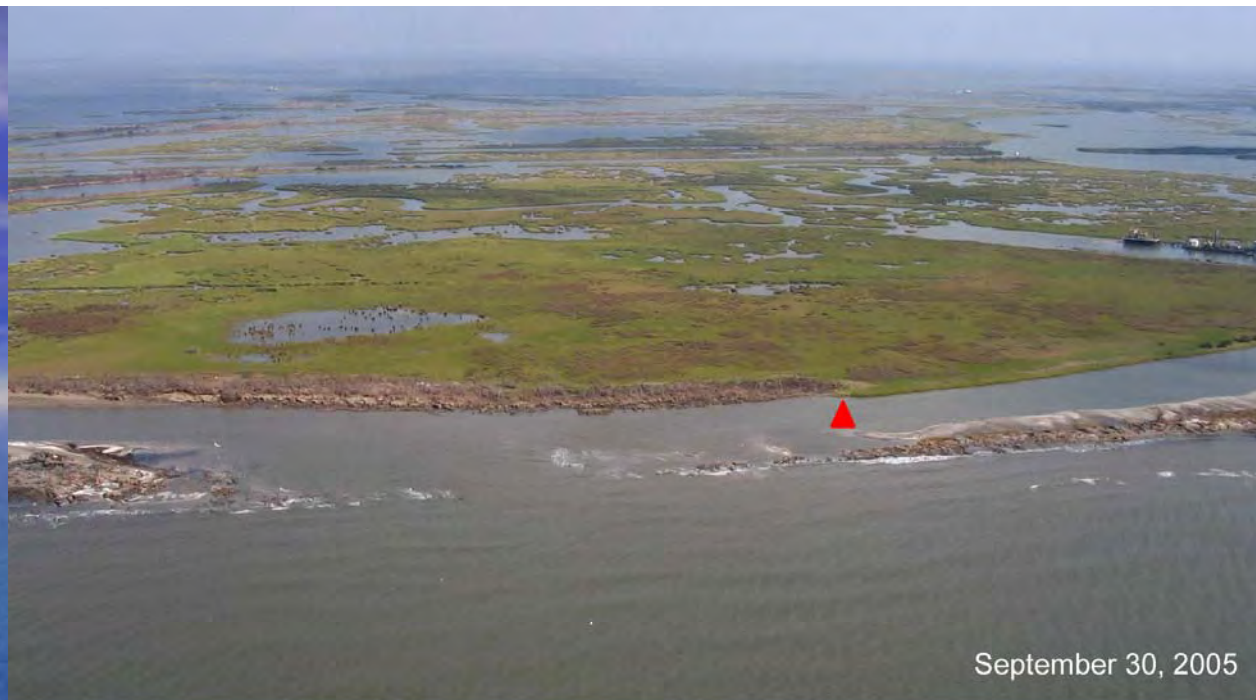


April 21, 2007

Plaquemine Shoreline- 29°18'28" / 89°45'44" View to the north (17°)

Plaquemine Shoreline (View to the north)

BICM segment #46
"Chaland Headland"



September 30, 2005



April 21, 2007

Plaquemine Shoreline- 29°18'23" / 89°45'09" View to the north (10°)

Bay Chaland (View to the north)

BICM segment #46
"Chaland Headland"



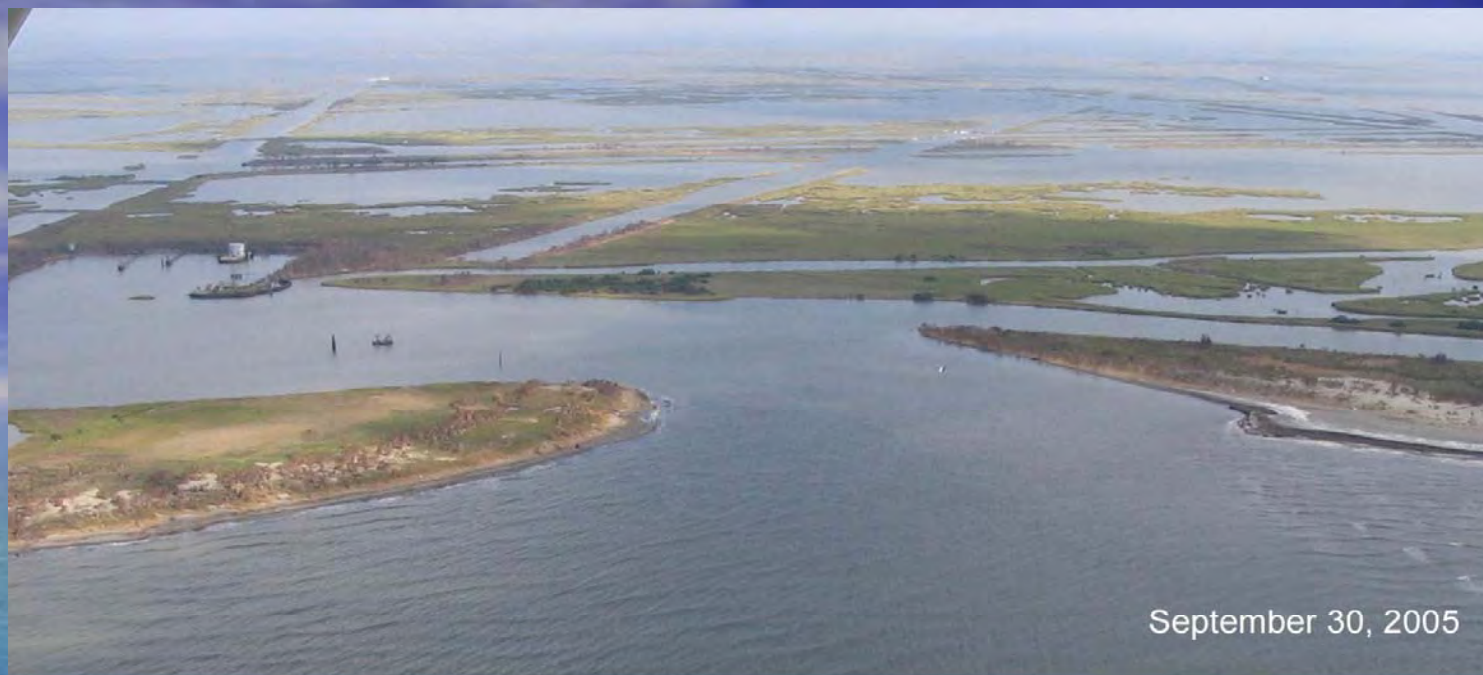
September 30, 2005



April 21, 2007

Plaquemine Shoreline- 29°18' 17" / 89°44' 43" View to the north (15°)

Chaland Pass



September 30, 2005



April 21, 2007

BICM segment #46
"Chaland Headland"

Chaland Pass - 29°18'18" / 89°44'18" View to the north (3°)

East Bay Chaland

BICM segment #46
"Chaland Headland"



September 30, 2005



April 21, 2007

Plaquemines Shoreline - 29°18'13" / 89°43'52" View to the north (21°)

Bayou Huertes
west of Bay
Joe Wise

BICM segment #46
"Chaland Headland"



September 30, 2005



April 21, 2007

Bayou Huertes - 29°18'04" / 89°43'17" View to the north (2°)

Western Bay Joe Wise

BICM segment #46
"Chaland Headland"

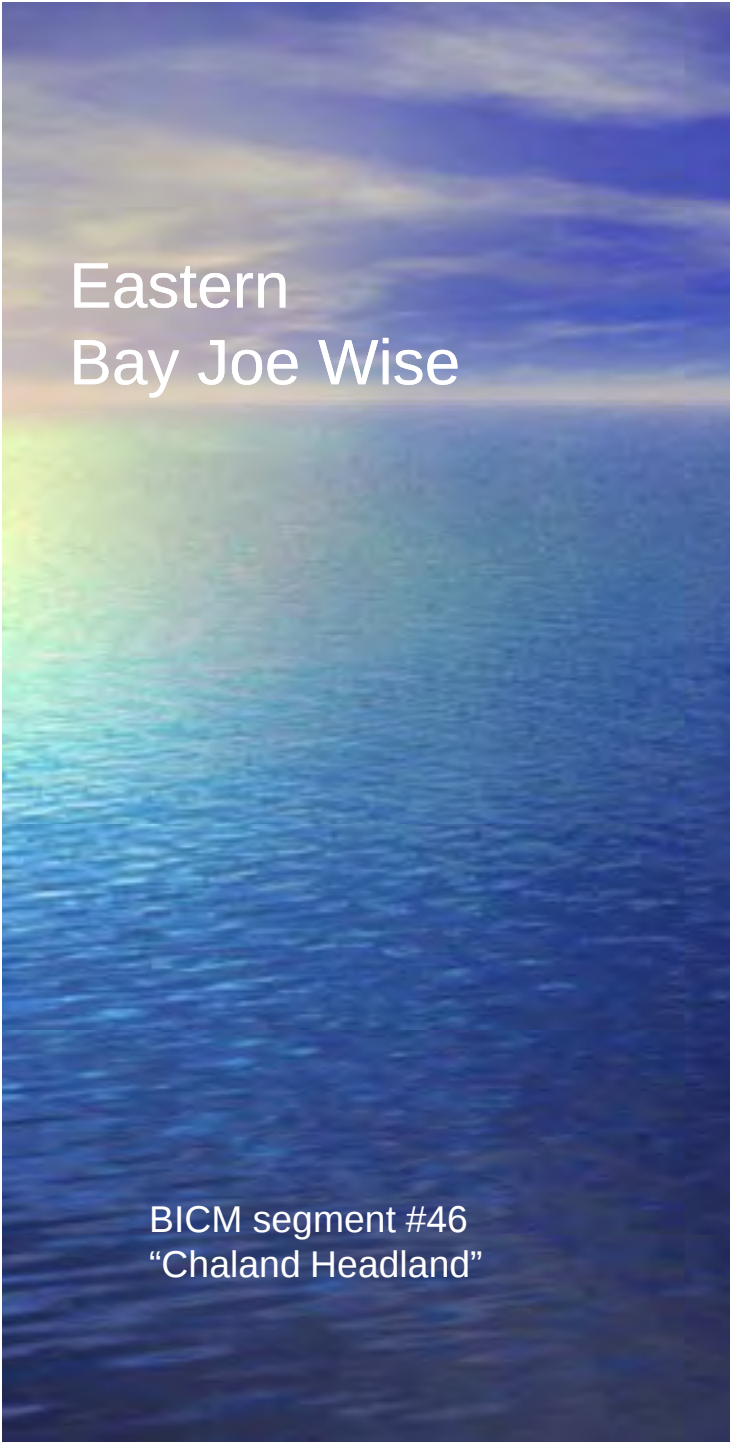


September 30, 2005



April 21, 2007

Bay Joe Wise - 29°18'01" / 89°42'58" View to the north (18°)



Eastern Bay Joe Wise

BICM segment #46
“Chaland Headland”



East Bay Joe Wise - 29°17'39" / 89°41'21" View to the north (15°)

Grand Bayou and Shell Island

BICM segment #47
"Shell Island"



September 30, 2005



April 21, 2007

Shell Island - 29°17'33" / 89°41'03" View to the north (21°)

Pelican Island
east of Empire
jetties

BICM segment #47
"Shell Island"



September 30, 2005



April 21, 2007

Pelican Island - 29°15'06" / 89°36'18" View to the north (27°)

West of Scofield Bayou

BICM segment #47
"Shell Island"



September 30, 2005



April 21, 2007

Plaquemine Shoreline - 29°14'35" / 89°33'55" View to the north (12°)

Eastern Plaquemine Shoreline

BICM segment #47
"Shell Island"



September 30, 2005



April 21, 2007

Plaquemine Shoreline - 29°14'01" / 89°31'44" View to the north (10°)

Eastern
Plaquemine
Shoreline:
Sandy Point

BICM segment #47
"Shell Island"

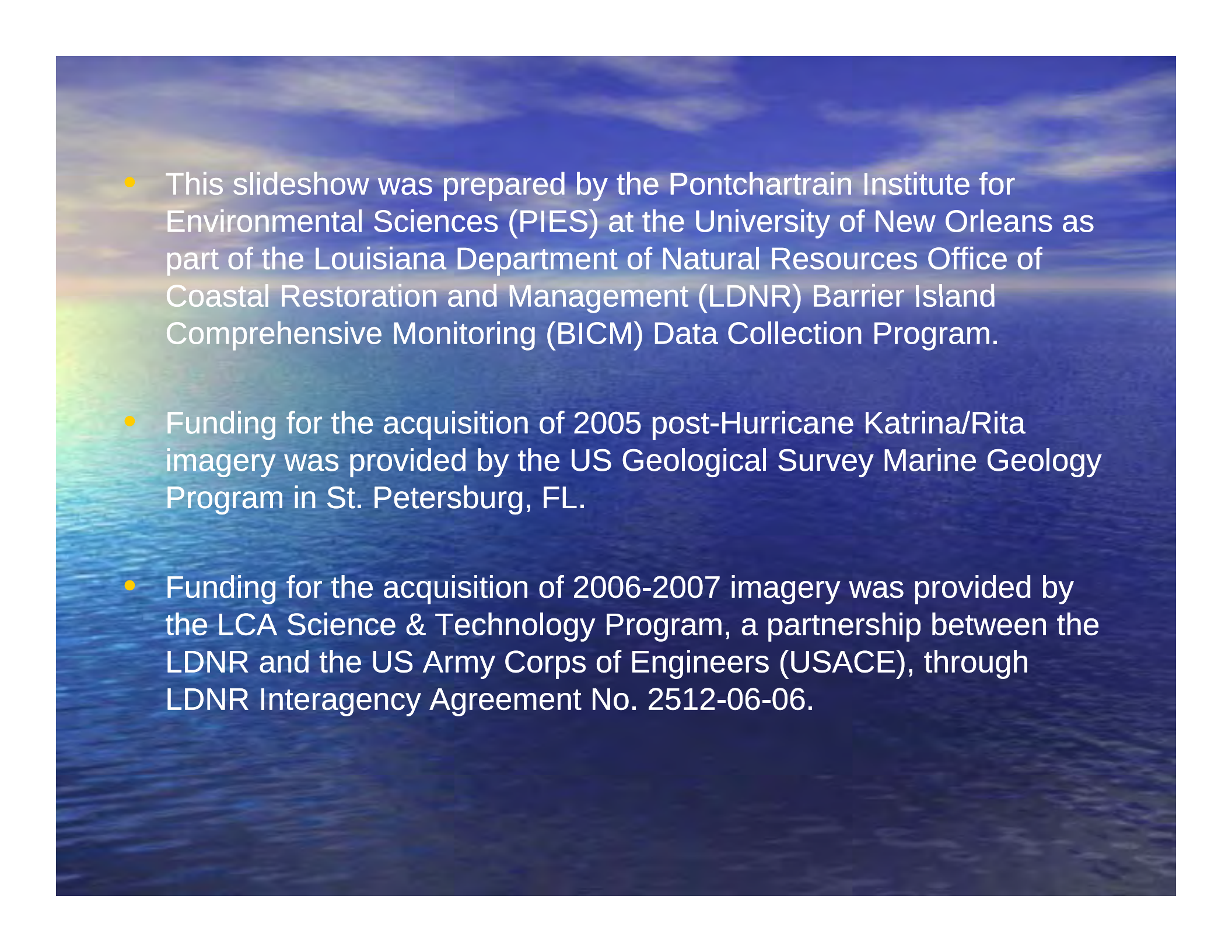


September 30, 2005



April 21, 2007

Sandy Point- 29°12'58" / 89°28'50" View to the north (300°)

- 
- This slideshow was prepared by the Pontchartrain Institute for Environmental Sciences (PIES) at the University of New Orleans as part of the Louisiana Department of Natural Resources Office of Coastal Restoration and Management (LDNR) Barrier Island Comprehensive Monitoring (BICM) Data Collection Program.
 - Funding for the acquisition of 2005 post-Hurricane Katrina/Rita imagery was provided by the US Geological Survey Marine Geology Program in St. Petersburg, FL.
 - Funding for the acquisition of 2006-2007 imagery was provided by the LCA Science & Technology Program, a partnership between the LDNR and the US Army Corps of Engineers (USACE), through LDNR Interagency Agreement No. 2512-06-06.