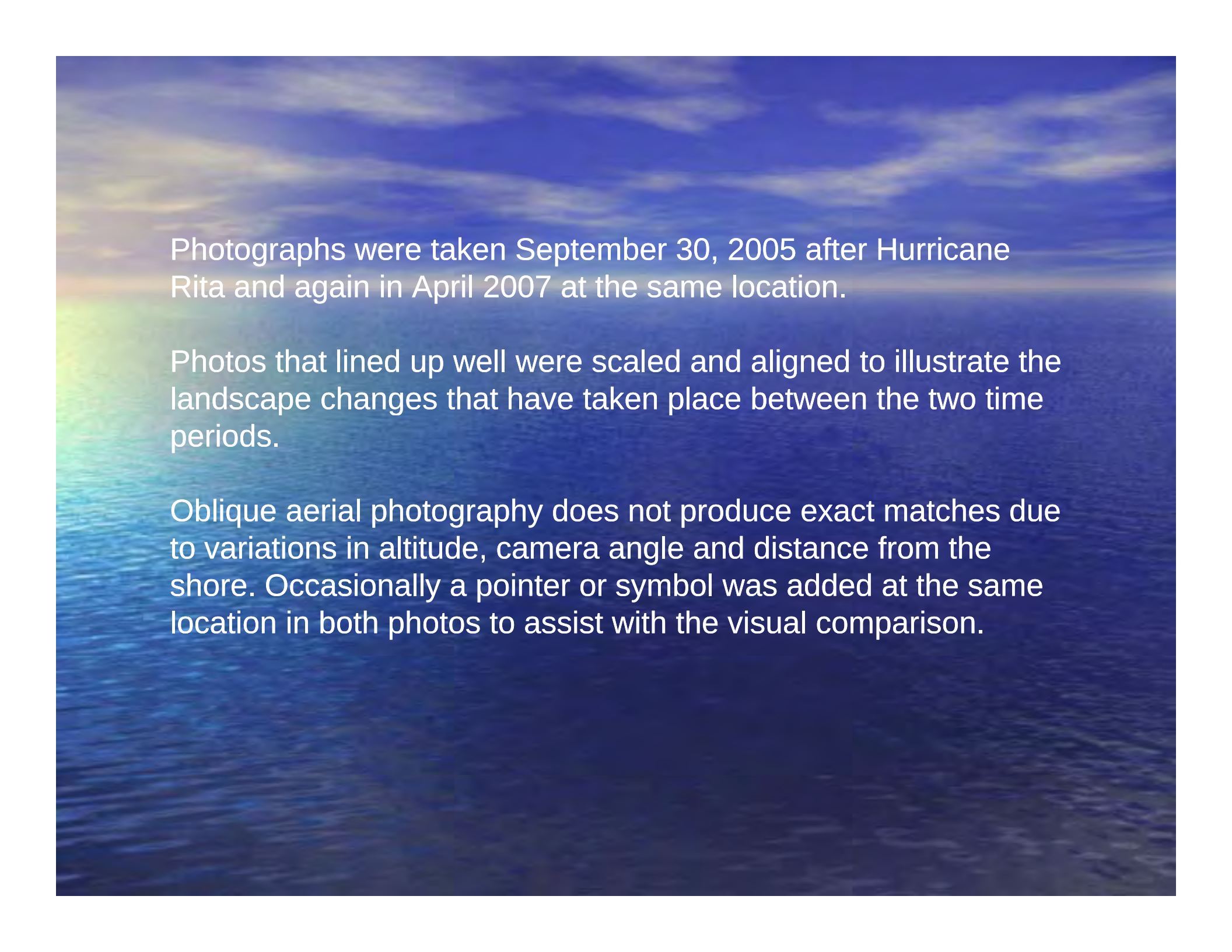


# 2005 - 2007 Comparison Photo Pairs for the Caminada Headland of the Lafourche Delta

Belle Pass Spit to Elmer's Island

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



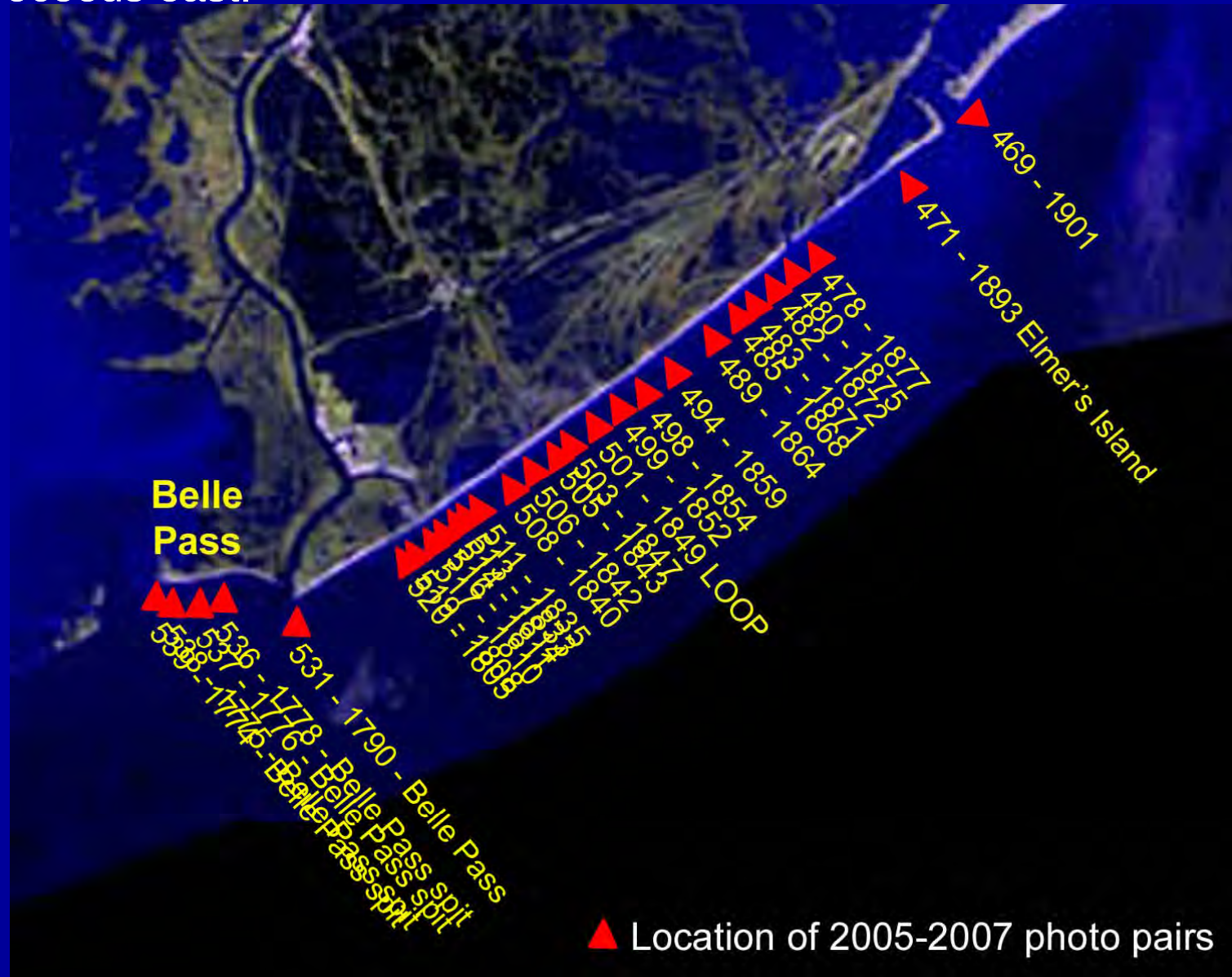


Photographs were taken September 30, 2005 after Hurricane Rita and again in April 2007 at the same location.

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 bottom left of this diagram and proceeds east.



West end of Belle  
Pass spit  
(View to the north)

Red triangle marks  
same geographic  
feature in both  
time periods

BICM segment #40  
"Raccoon Spit"



September 30, 2005



April 20, 2007

Belle Pass spit - 29°05'26" / 90°14'51" View to the north (11°)

Belle Pass spit  
(View to the north)

Red triangle marks  
same geographic  
feature in both  
time periods

BICM segment #40  
"Raccoon Spit"



September 30, 2005



April 20, 2007

Belle Pass spit - 29°05'25" / 90°14'44" View to the north (12°)

Belle Pass  
spit  
(View to the  
north)

BICM segment #40  
"Raccoon Spit"



September 30, 2005



April 20, 2007

Belle Pass spit - 29°05'23" / 90°14'35" View to the north (8°)

Belle Pass  
spit  
(View to the  
north)

September 30, 2005

BICM segment #40  
"Raccoon Spit"

April 20, 2007

Belle Pass spit -  $29^{\circ}05'23''$  /  $90^{\circ}14'24''$  View to the north ( $4^{\circ}$ )

# Belle Pass (View to the north)

BICM segment #41  
"Fourchon Beach"



September 30, 2005



April 20, 2007

Belle Pass - 29°04'58" / 90°13'30" View to the north (5°)

Fourchon Beach  
(View to the north)

BICM segment #41  
"Fourchon Beach"



September 30, 2005



April 20, 2007

Fourchon - 29°05'48" / 90°11'43" View to the north (329°)

# Fourchon Beach (View to the north)

BICM segment #41  
"Fourchon Beach"



September 30, 2005



April 20, 2007

Fourchon - 29°05'52" / 90°11'30" View to the north (339°)

Old Pass  
Fourchon  
(View to the north)

BICM segment #41  
"Fourchon Beach"



September 30, 2005



April 20, 2007

Old Fourchon Pass - 29°05'59" / 90°11'15" View to the north (334°)

Fourchon  
Road  
(View to the  
northwest)

BICM segment #41  
“Fourchon Beach”



September 30, 2005



April 20, 2007

Fourchon Road - 29°06'03" / 90°11'06" View to the northwest (331°)

# Fourchon Beach (View to the northwest)

BICM segment #41  
"Fourchon Beach"



September 30, 2005



April 20, 2007

Fourchon Beach - 29°06'11" / 90°10'52" View to the northwest (325°)

West Bay  
Champagne  
(view to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Bay Champagne - 29°06'17" / 90°10'43" View to the northwest (321°)

Bay  
Champagne  
(View to the  
northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Bay Champagne - 29°06'33" / 90°10'27" View to the northwest (317°)

East Bay  
Champagne  
(View to the  
northwest)

BICM segment #42  
“Caminada Headland”



September 30, 2005



April 20, 2007

Western Bay Champagne - 29°06'55" / 90°09'49" View to the northwest (333°)

Caminada  
Headland  
(View to the  
northwest)

BICM segment #42  
“Caminada Headland”



September 30, 2005



April 20, 2007

Caminada Headland - 29°07'05" / 90°09'30" View to the northwest (328°)

Caminada  
Headland  
(View to the  
northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada Headland - 29°07'12" / 90°09'19" View to the northwest (320°)

Caminada  
Headland;  
Bayou Moreau  
(View to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada Headland - 29°07'29" / 90°07'29" View to the northwest (322°)

# LOOP

(View to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

LOOP - 29°07'40" / 90°08'36" View to the northwest (325°)

Caminada  
Headland  
(View to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada Headland - 29°07'53" / 90°08'15" View to the northwest (324°)

# Caminada Headland (View to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada Headland - 29°08'19" / 90°07'32" View to the northwest (322°)

Caminada  
Headland  
(View to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada Headland - 29°08'51" / 90°06'41" View to the northwest (328°)

# Bayou Moreau

(View to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Bayou Moreau - 29°09'17" / 90°06'06" View to the northwest (312°)

# Bayou Thunder von Tranc

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada headland - 29°09'27" / 90°05'54" View to the northwest (322°)

# Caminada Headland

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada headland - 29°09'33" / 90°05'45" View to the northwest (325°)

# Caminada Headland

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada headland - 29°09'45" / 90°05'27" View to the northwest (323°)

# Caminada Headland

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Caminada Headland - 29°09'56" / 90°05'10" View to the northwest (330°)

# Elmer's Island (View to the northwest)

BICM segment #42  
"Caminada Headland"



September 30, 2005



April 20, 2007

Elmer's Island - 29°11'504" / 90°03'13" View to the northwest (329°)

# Elmer's Island (View to the west)

BICM segment #42  
"Caminada Headland"

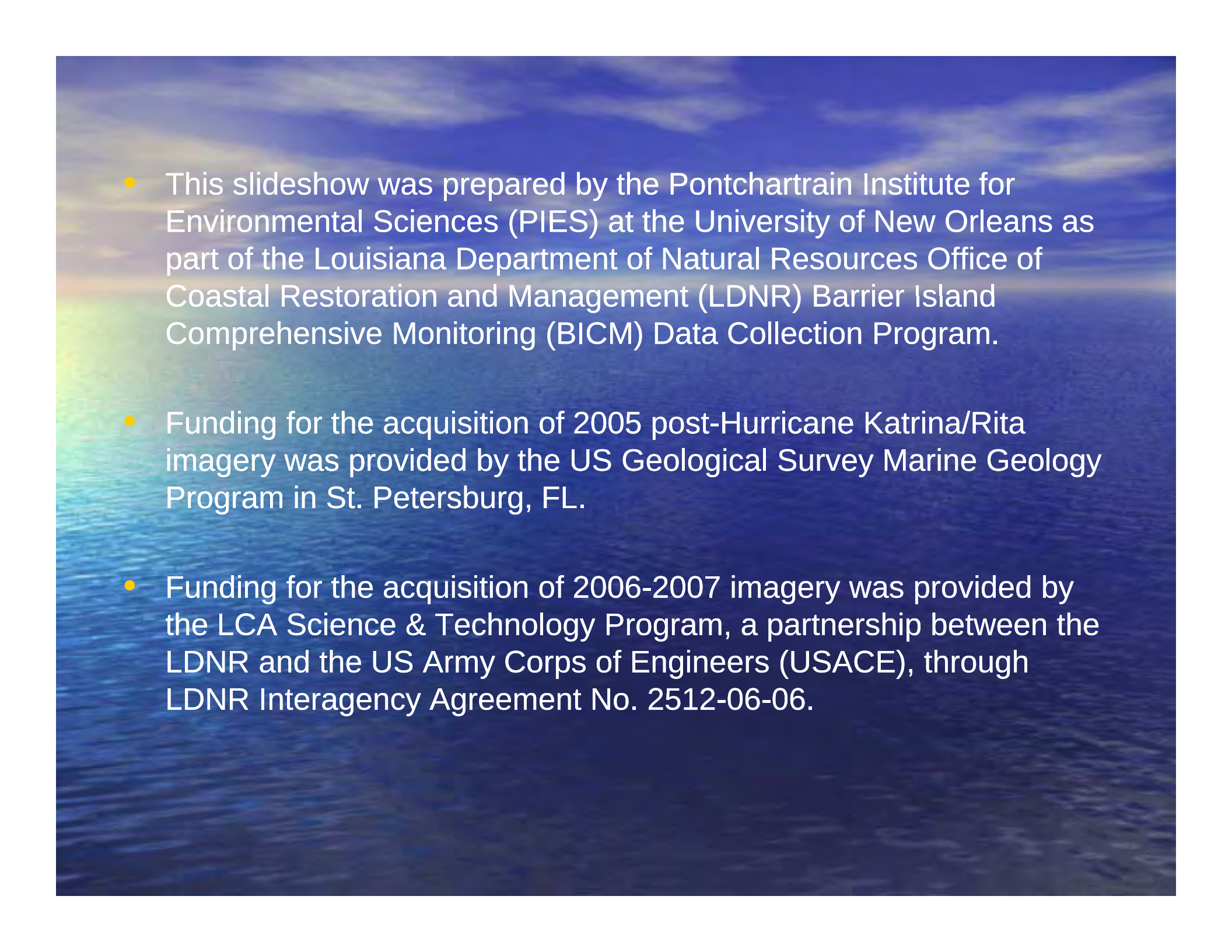


September 30, 2005



April 20, 2007

Elmer's Island - 29°11'33" / 90°02'38" View to the west (263°)

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- 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.