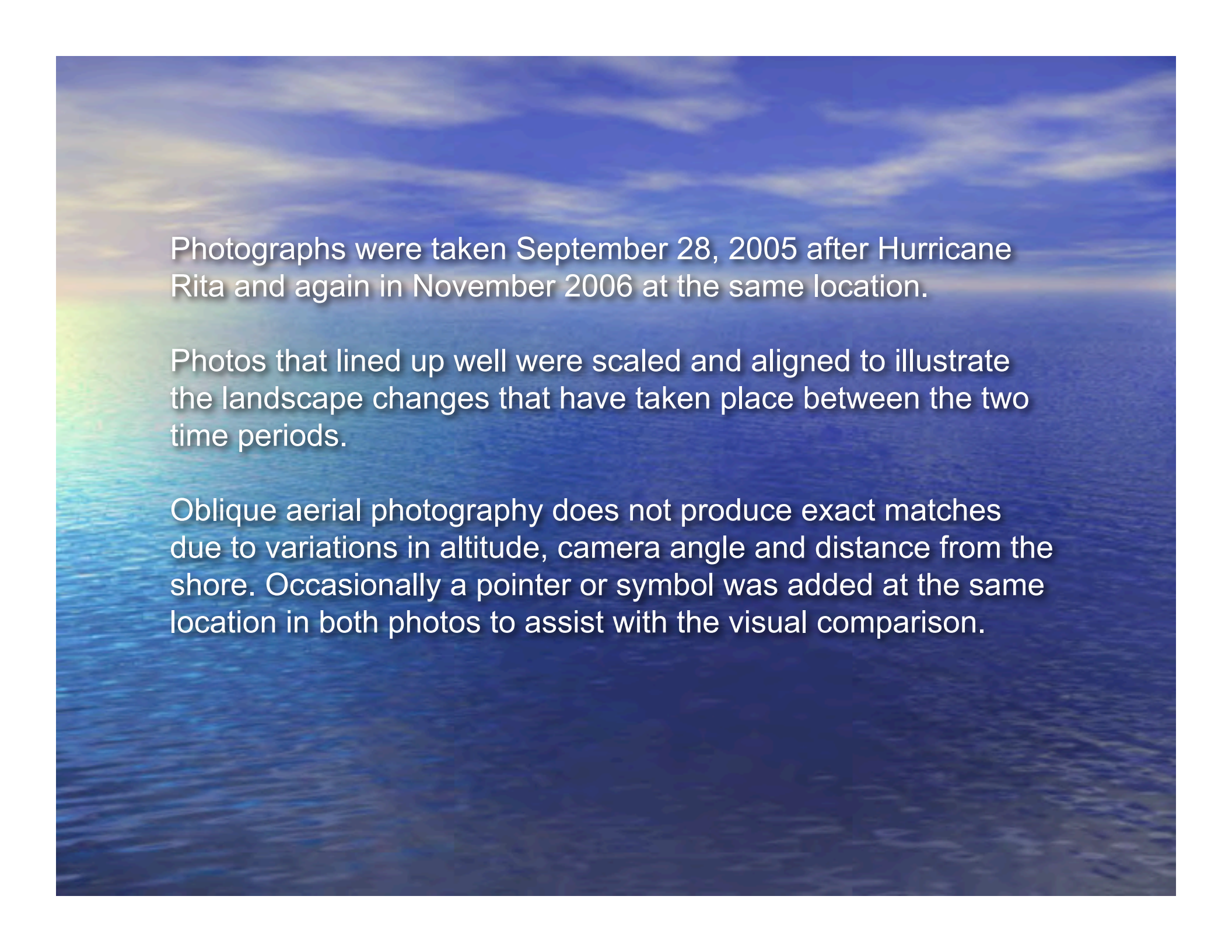


# 2005 - 2006 Comparison Photo Pairs for the Eastern Chenier Plain

## Mud Lake Outlet to SW Pass

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



The background of the slide is an aerial photograph of a vast ocean. The water is a deep blue with visible ripples and small waves. The horizon line is visible in the distance, and the sky above is a lighter blue with some wispy white clouds. The text is overlaid on the left side of the image.

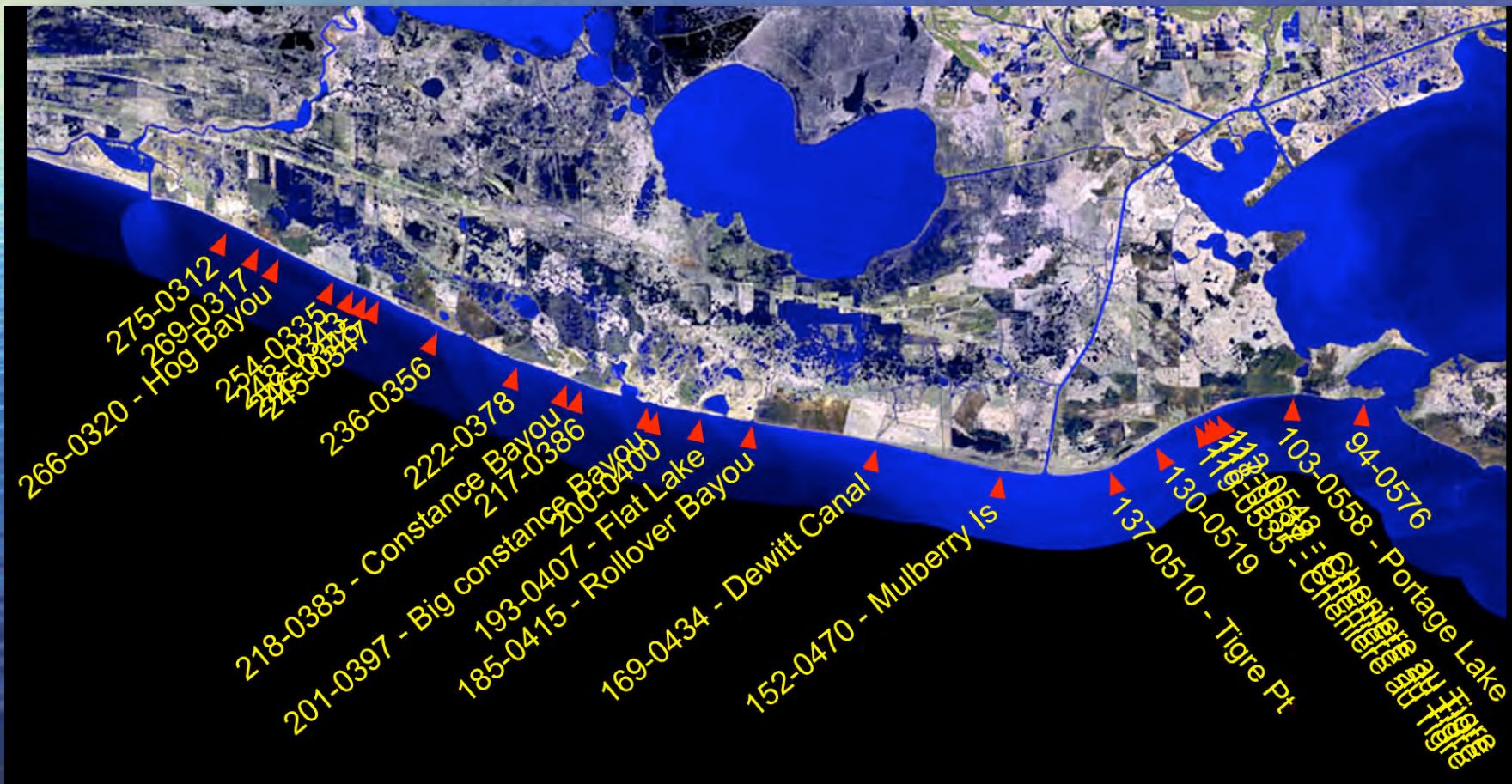
Photographs were taken September 28, 2005 after Hurricane Rita and again in November 2006 at the same location.

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 from Mud Lake Outlet.





Chenier Plain  
South of Grand  
Chenier  
(View to the NNE)

BICM segment #5  
“Mermentau Beach”



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°42'26" N / 92°57'14" W. View to the north-northeast (23°)



Chenier Plain  
East of Club  
Canal  
(View to the NNE)

BICM segment #5  
"Mermentau Beach"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°41'53" N / 92°55'44" W. View to the north-northeast (25°)



Beach Prong of  
Hog Bayou  
(View to the NNE)

BICM segment #5  
“Mermentau Beach”



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Beach Prong of Hog Bayou: 29°40'56" N / 92°54'50" W. View to the NNE (29°)



Chenier Plain  
Sturlese Lake  
(View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Sturlese Lake: 29°39'58" N / 92°51'18" W. View to the NNE (25°)



# Chenier Plain (View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°39'32" N / 92°50'06" W. View to the NNE (26°)



Chenier Plain  
Shipwreck  
(View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°39'18" N / 92°49'38" W. View to the NNE (30°)



# Chenier Plain (View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°39'10" N / 92°49'17" W. View to the NNE (20°)



Chenier Plain  
south of Miller  
Lake  
(View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°38'05" N / 92°46'45" W. View to the NNE (23°)



Chenier Plain  
south of Deep  
Lake  
(View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°36'41" N / 92°43'05" W. View to the NNE (22°)



Little  
Constance  
Bayou  
(View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°36'12" N / 92°41'23" W. View to the NNE (29°)



# Chenier Plain (View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°35'58" N / 92°40'43" W. View to the NNE (22°)



# Big Constance Bayou (View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Big Constance Bayou: 29°35'58" N / 92°40'43" W. View to the NNE (22°)



# Chenier Plain (View to the NNE)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°34'53" N / 92°36'27" W. View to the north (13°)



Chenier Plain  
Flat Lake  
(View to the north)

BICM segment #6  
"Rockefeller Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Flat Lake: 29°34'32" N / 92°34'34" W. View to the north (13°)



Rollover  
Bayou  
(View to the  
north)

September 28, 2005  
Post- Hurricane Rita

BICM segment #7  
"Mulberry Island"

November 20, 2006

Rollover Bayou: 29°34'13" N / 92°32'22" W. View to the north (8°)



Dewitt Canal  
(View to the NNE)

BICM segment #8  
"Freshwater Bayou"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Dewitt Canal: 29°33'13" N / 92°26'33" W. View to the NNE (20°)



South of  
Mulberry Island  
(View to the north)

BICM segment #8  
"Freshwater Bayou"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°31'51" N / 92°20'15" W. View to the north (15°)



Bill Ridge at  
Tigre Point  
(View to the north)

BICM segment #9  
"Chenier Au Tigre"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Bill Ridge: 29°32'02" N / 92°16'05" W. View to the north (343°)



Bill Ridge  
at  
Tigre Point  
(View to the  
NNW)

BICM segment #9  
"Chenier Au Tigre"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Tigre Point: 29°32'48" N / 92°14'12" W. View to the northwest (326°)



Cheniere  
au Tigre  
(View to the  
NNW)

BICM segment #10  
"Rainey Refuge"



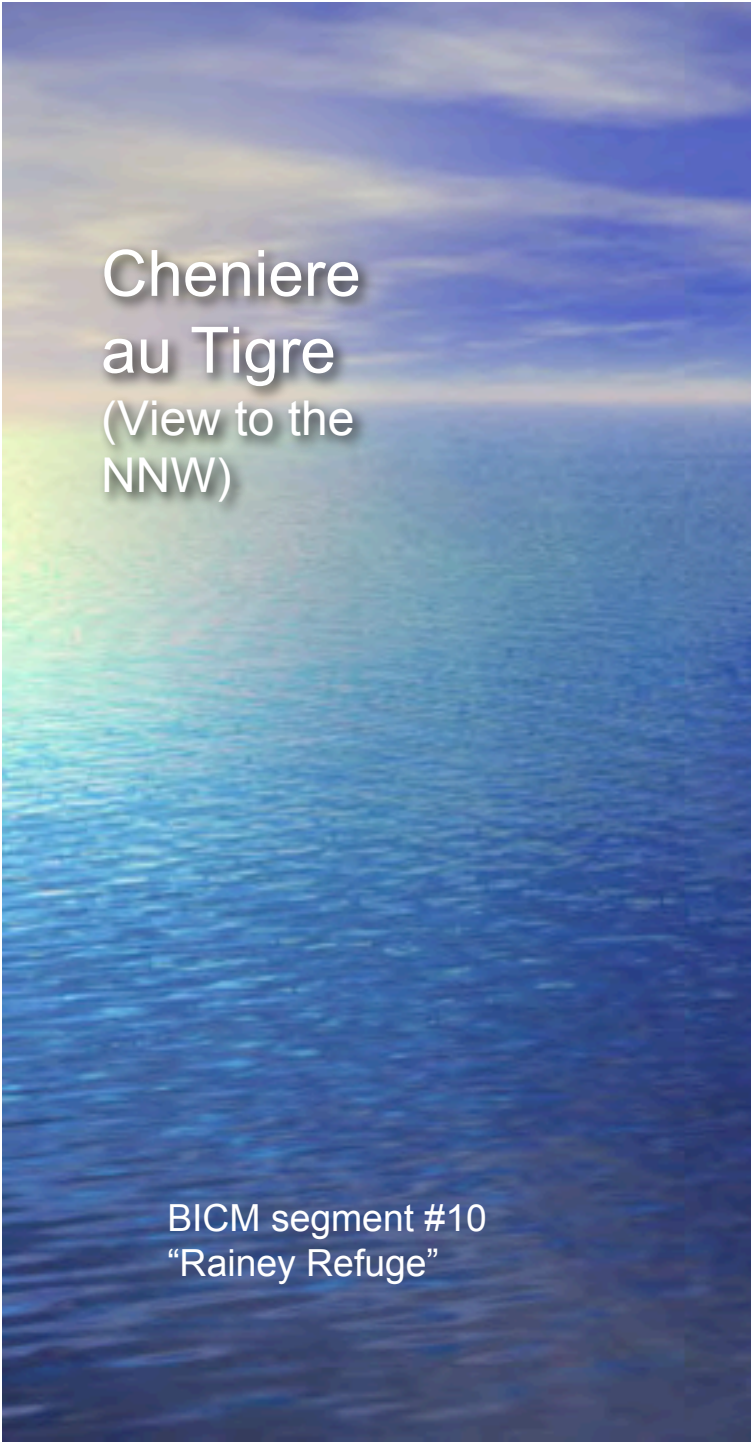
September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Cheniere au Tigre: 29°34'03" N / 92°11'39" W. View to the NNW (341°)





# Cheniere au Tigre (View to the NNW)

BICM segment #10  
“Rainey Refuge”





Cheniere  
au Tigre  
(View to the  
NNW)

BICM segment #10  
"Rainey Refuge"



September 28, 2005  
Post- Hurricane Rita



November 20, 2006

Cheniere au Tigre: 29°34'11" N / 92°11'14" W. View to the NNW (338°)



East of  
Cheniere  
au Tigre  
(View to the  
NNW)

BICM segment #10  
"Rainey Refuge"



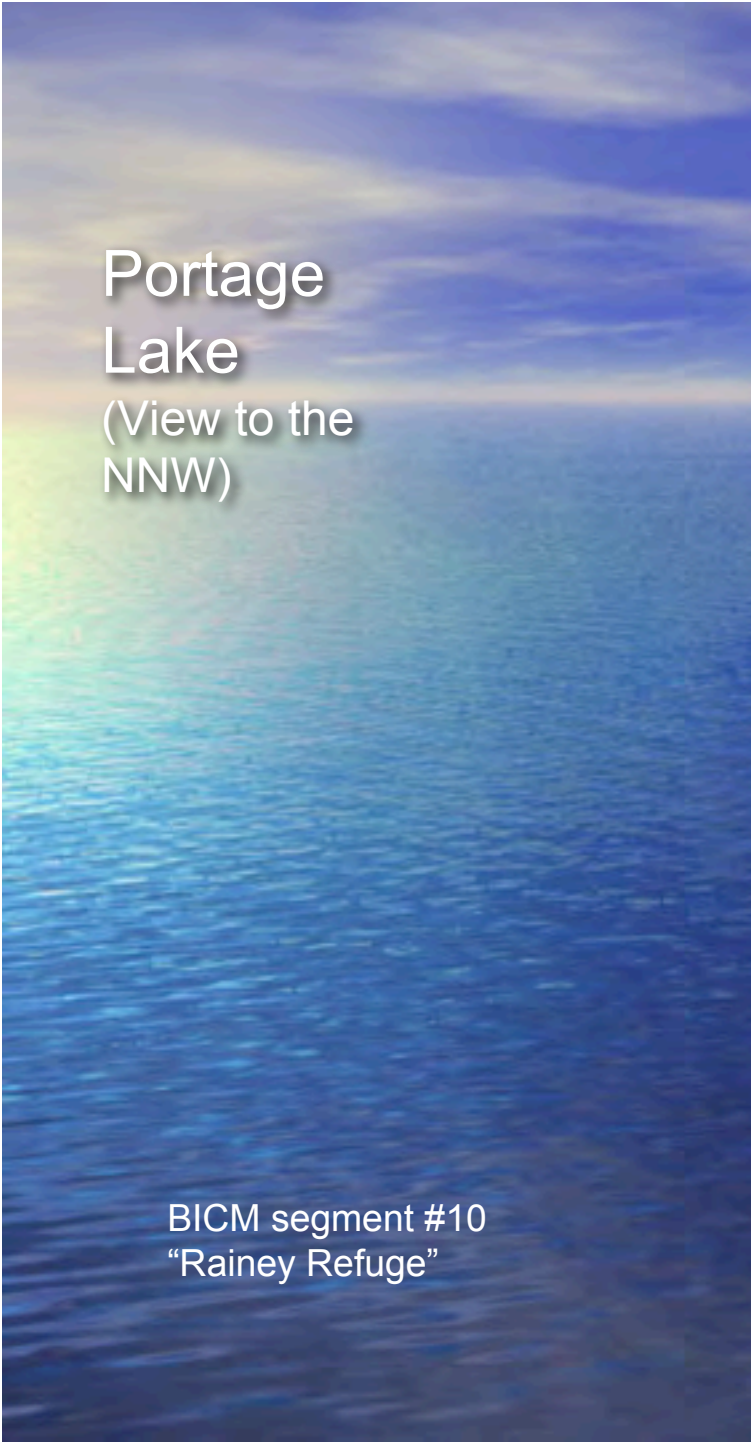
September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°34'22" N / 92°10'43" W. View to the NNW (336°)





# Portage Lake

(View to the  
NNW)

BICM segment #10  
“Rainey Refuge”



29°34'22" N / 92°10'43" W. View to the NNW (336°)



West of  
SW Pass  
(View to the  
north)

BICM segment #10  
"Rainey Refuge"



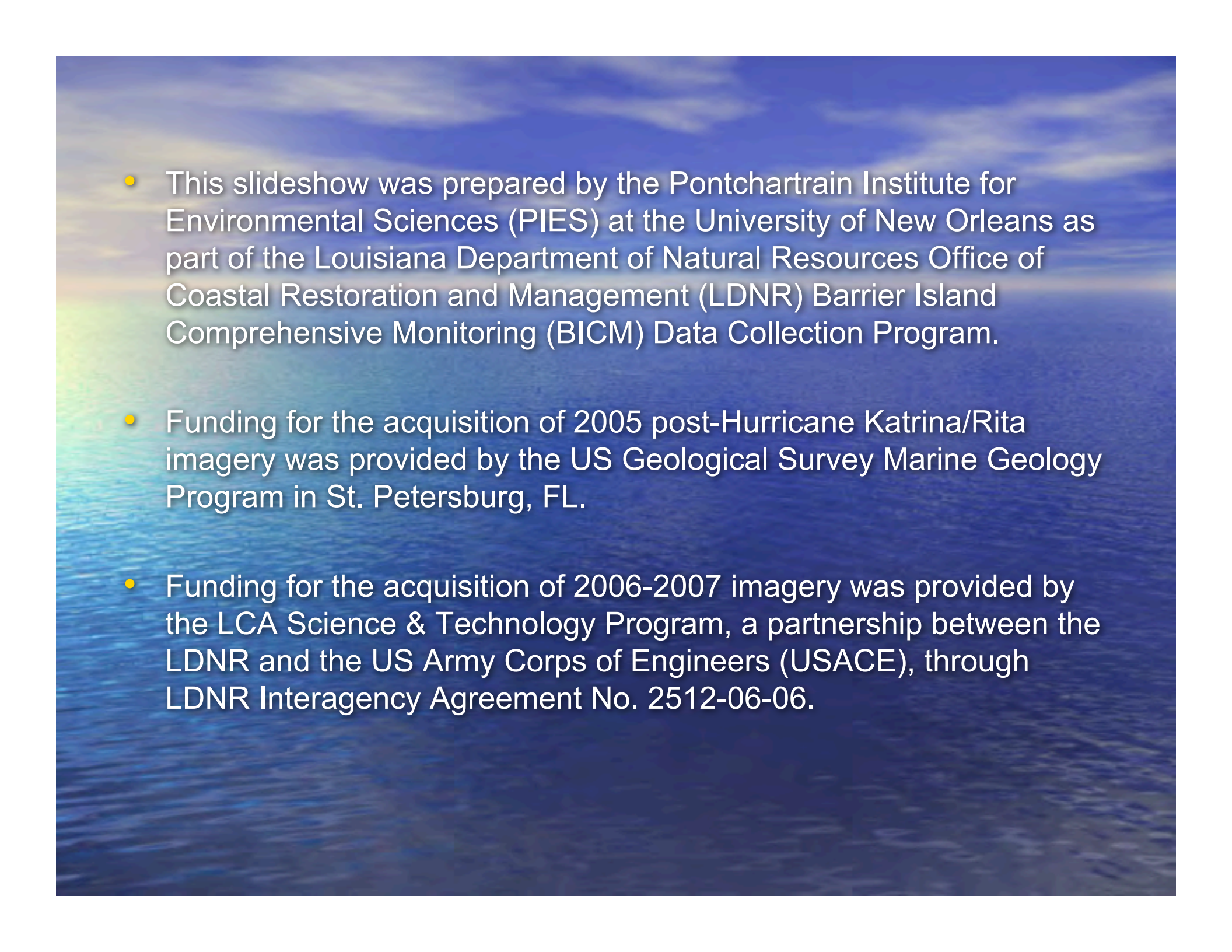
September 28, 2005  
Post- Hurricane Rita



November 20, 2006

29°34'55" N / 92°03'30" W. View to the north (7°)



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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.