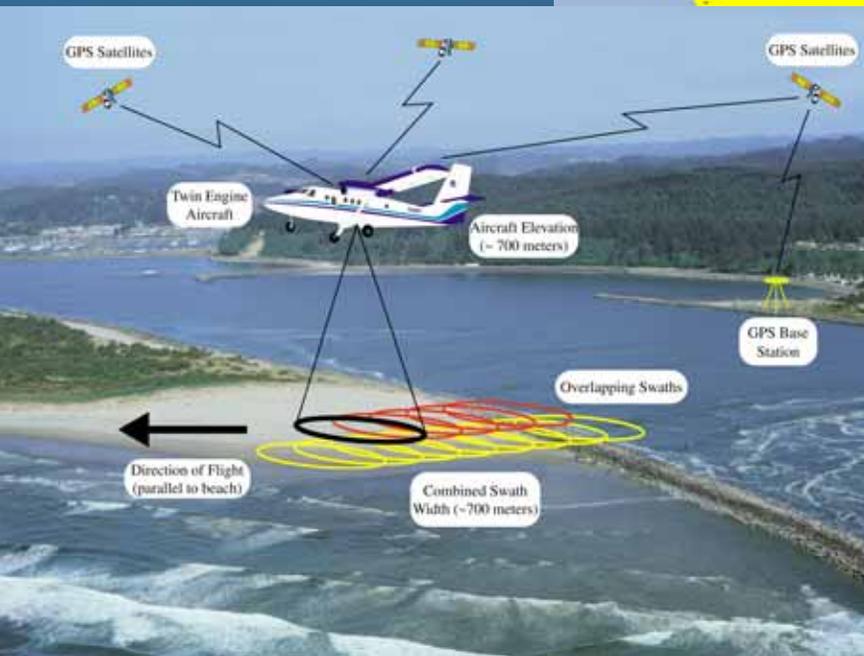
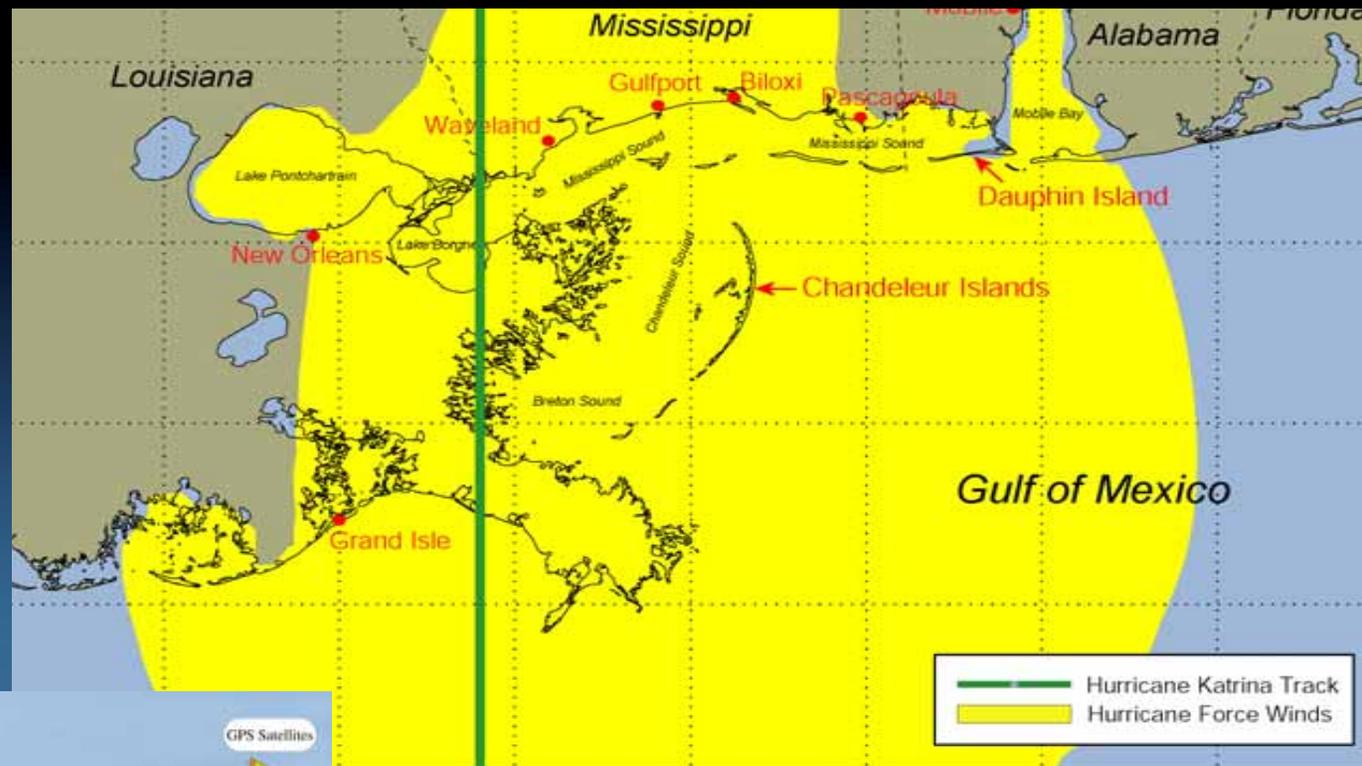


# Interdepartmental Hurricane Conference

## ***COASTAL CHANGE LESSONS FROM HURRICANE KATRINA***

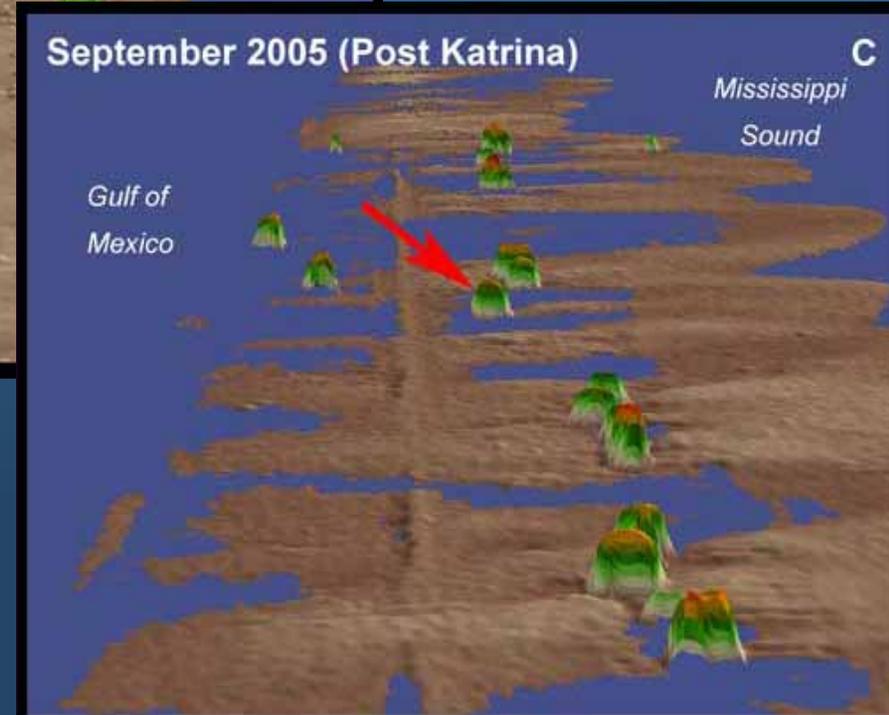
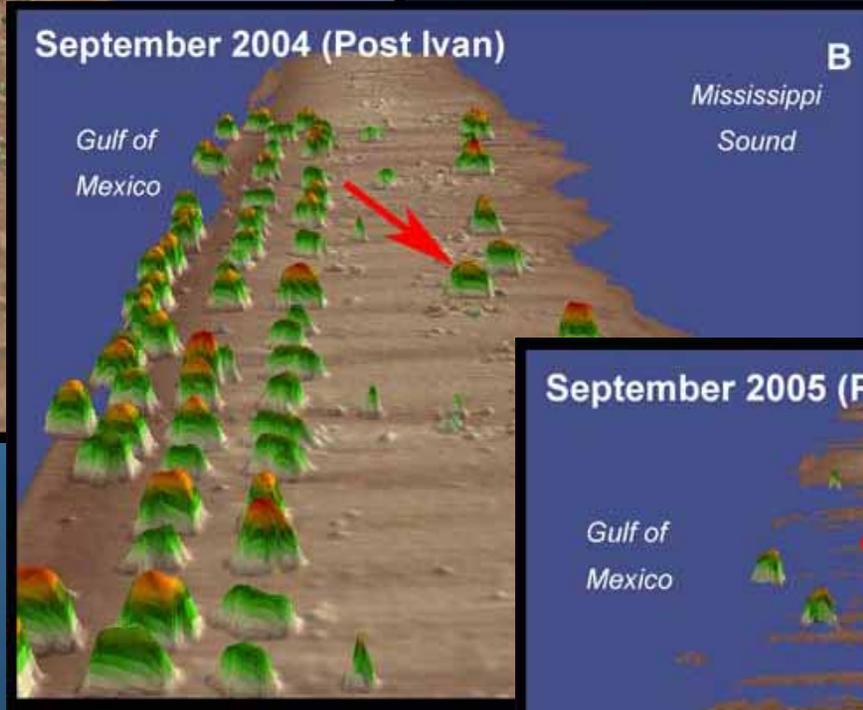
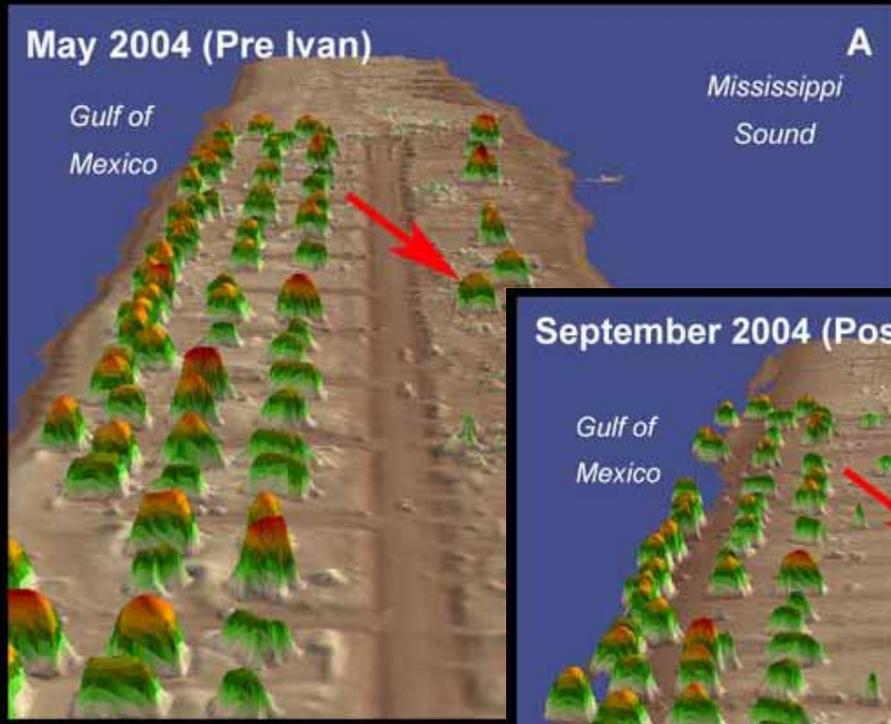
# Hurricane force winds

Data from NOAA  
Hurricane Research  
Division



# Lidar topographic mapping

# Extreme Coastal Change



**Dauphin Island, AL**



September 2005 (Post Katrina)

C

Mississippi  
Sound

Gulf of  
Mexico



# Post Katrina

August 31, 2005

D

Mississippi  
Sound

Gulf of  
Mexico



## Dauphin Island, AL

Difference: May 2004 to September 2004

E

Gulf of Mexico

Mississippi Sound



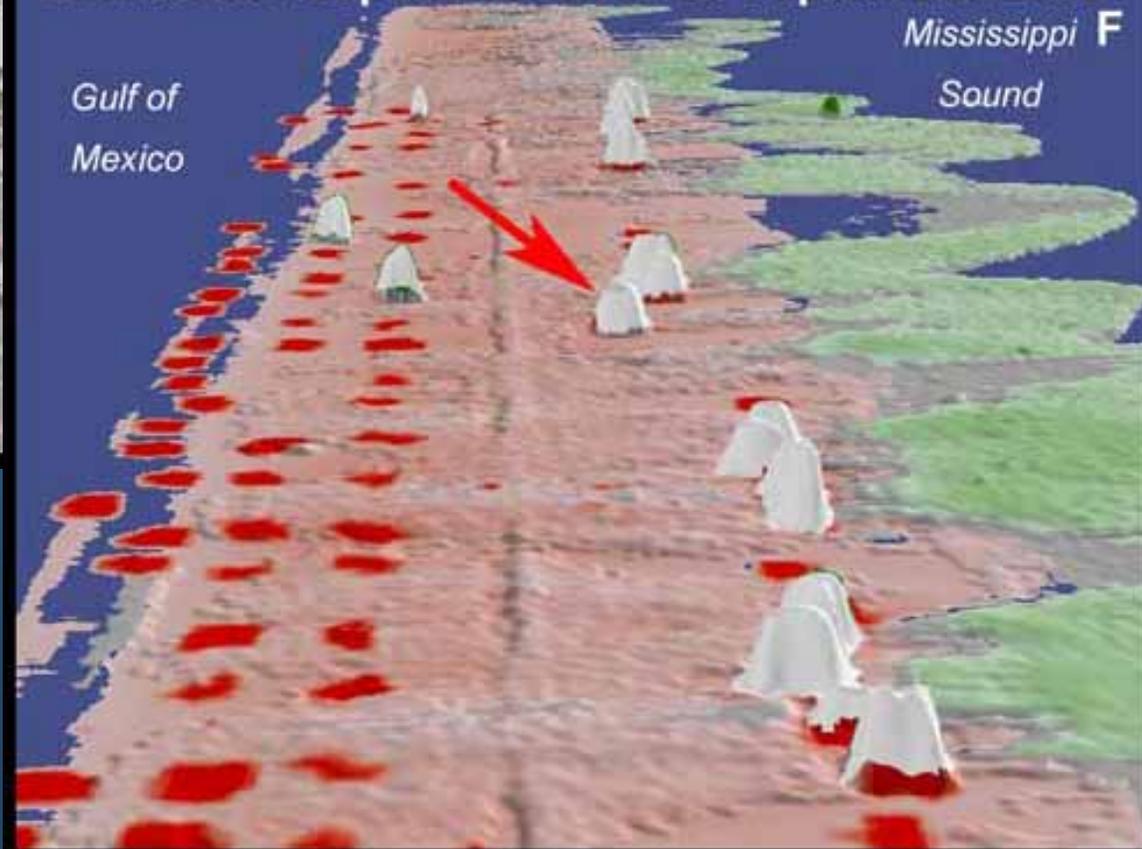
**Hurricane Ivan, 2004**

**Hurricane Katrina, 2005**

Difference: September 2004 to September 2005

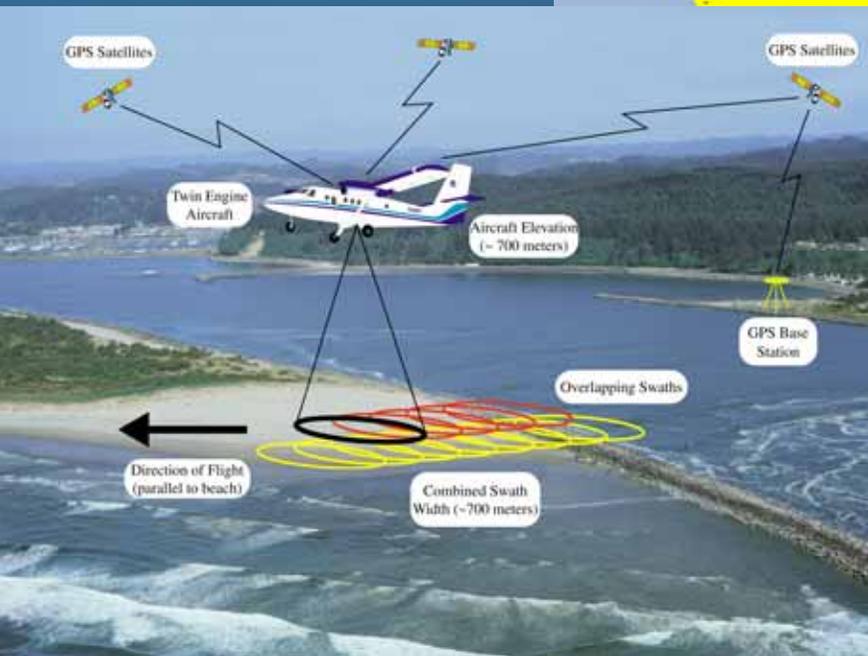
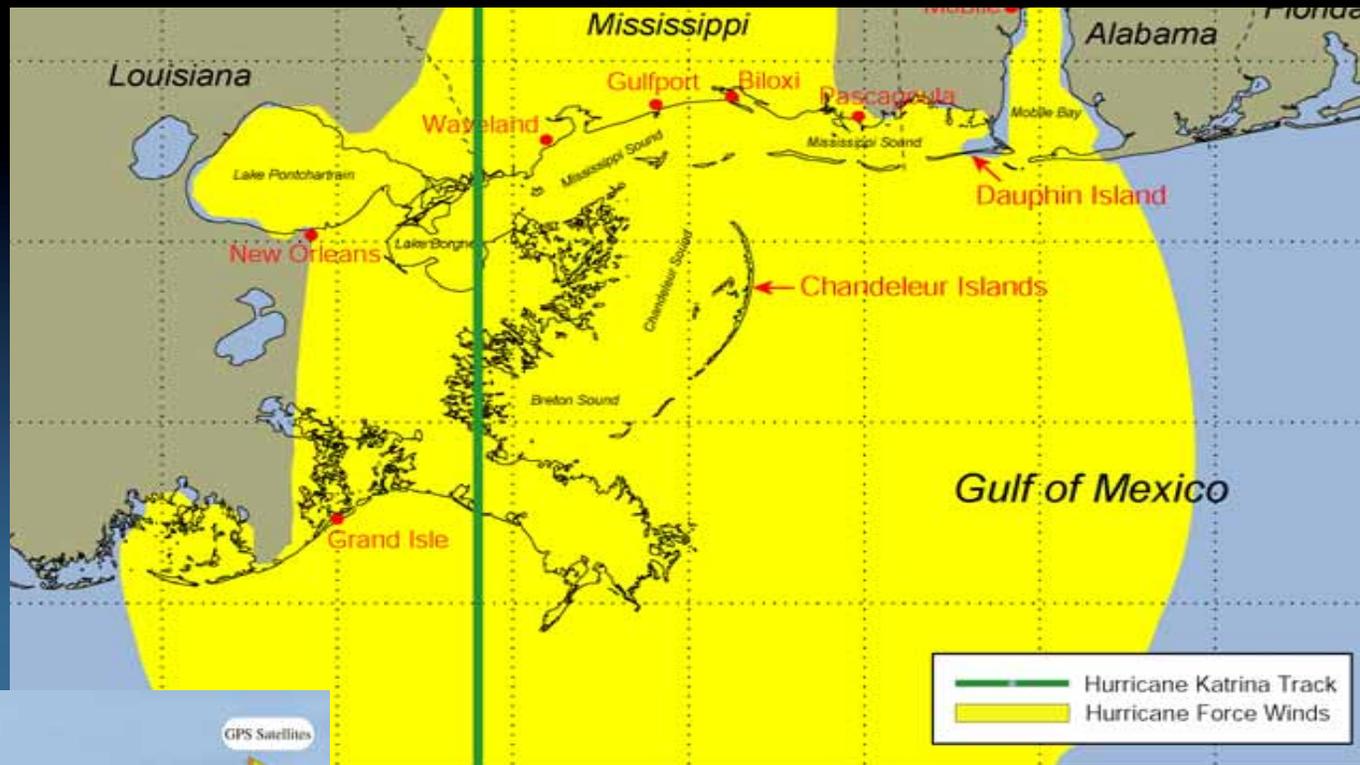
Mississippi F Sound

Gulf of Mexico



# Hurricane force winds

Data from NOAA  
Hurricane Research  
Division



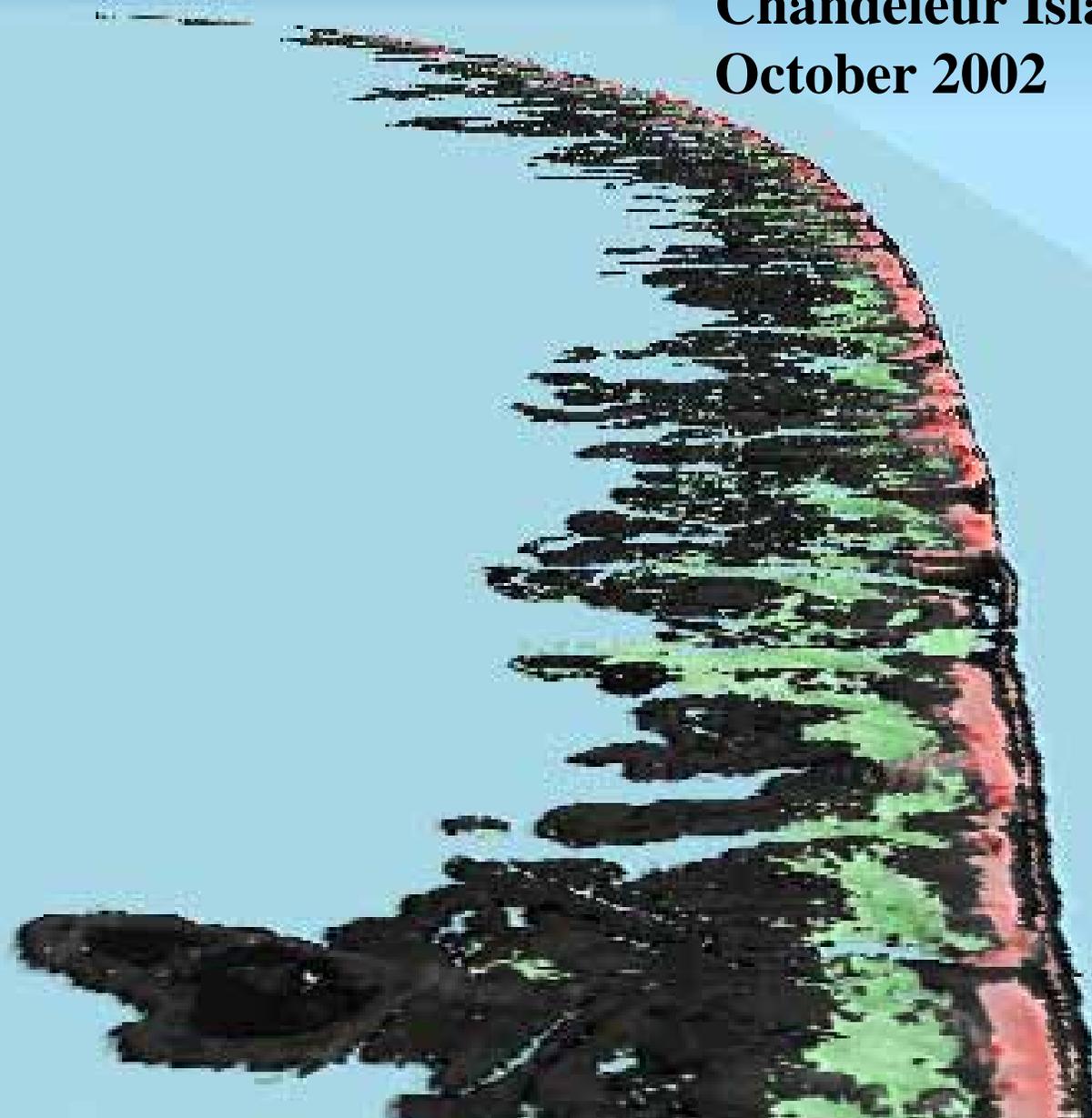
# Lidar topographic mapping



# Hurricane Lili

## Chandeleur Islands, LA

### October 2002



**USGS**  
**NASA**  
**LA DNR**

# Chandeleur Islands, Louisiana

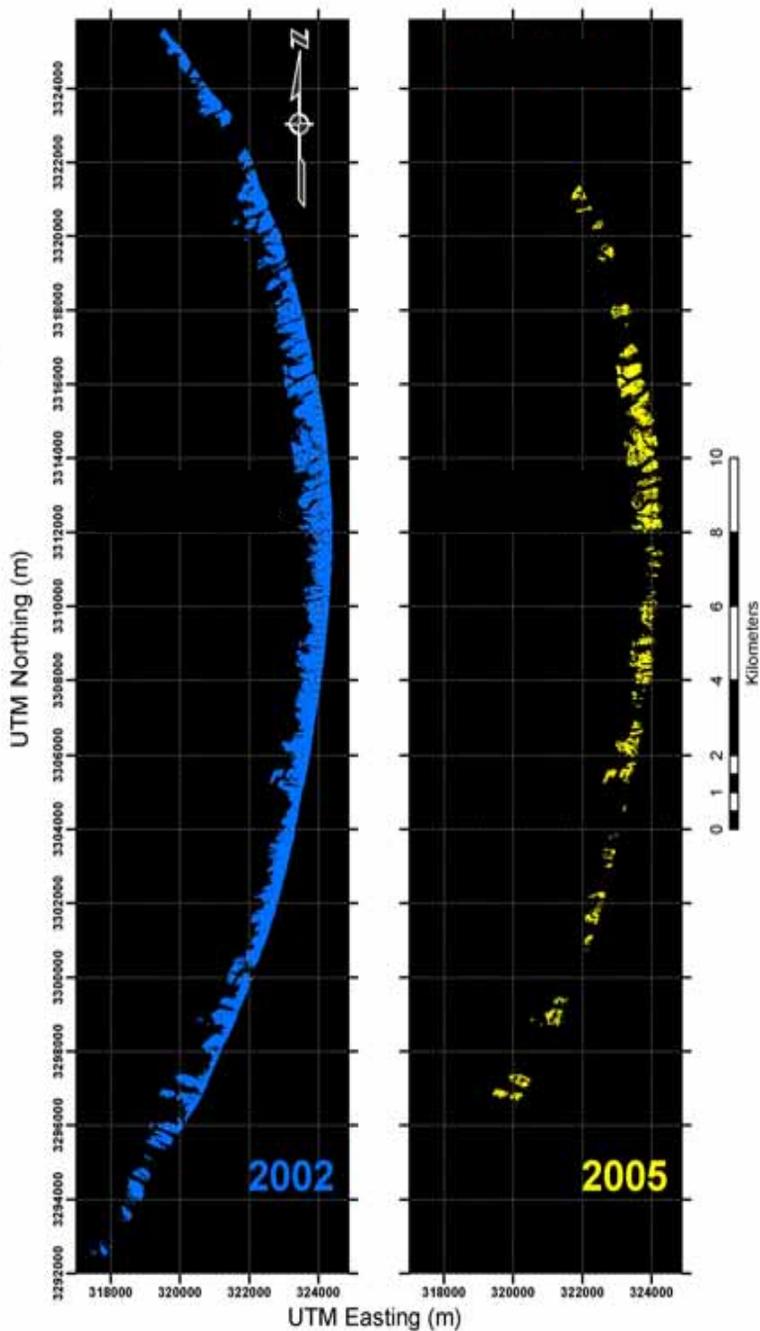


**Pre  
Katrina**

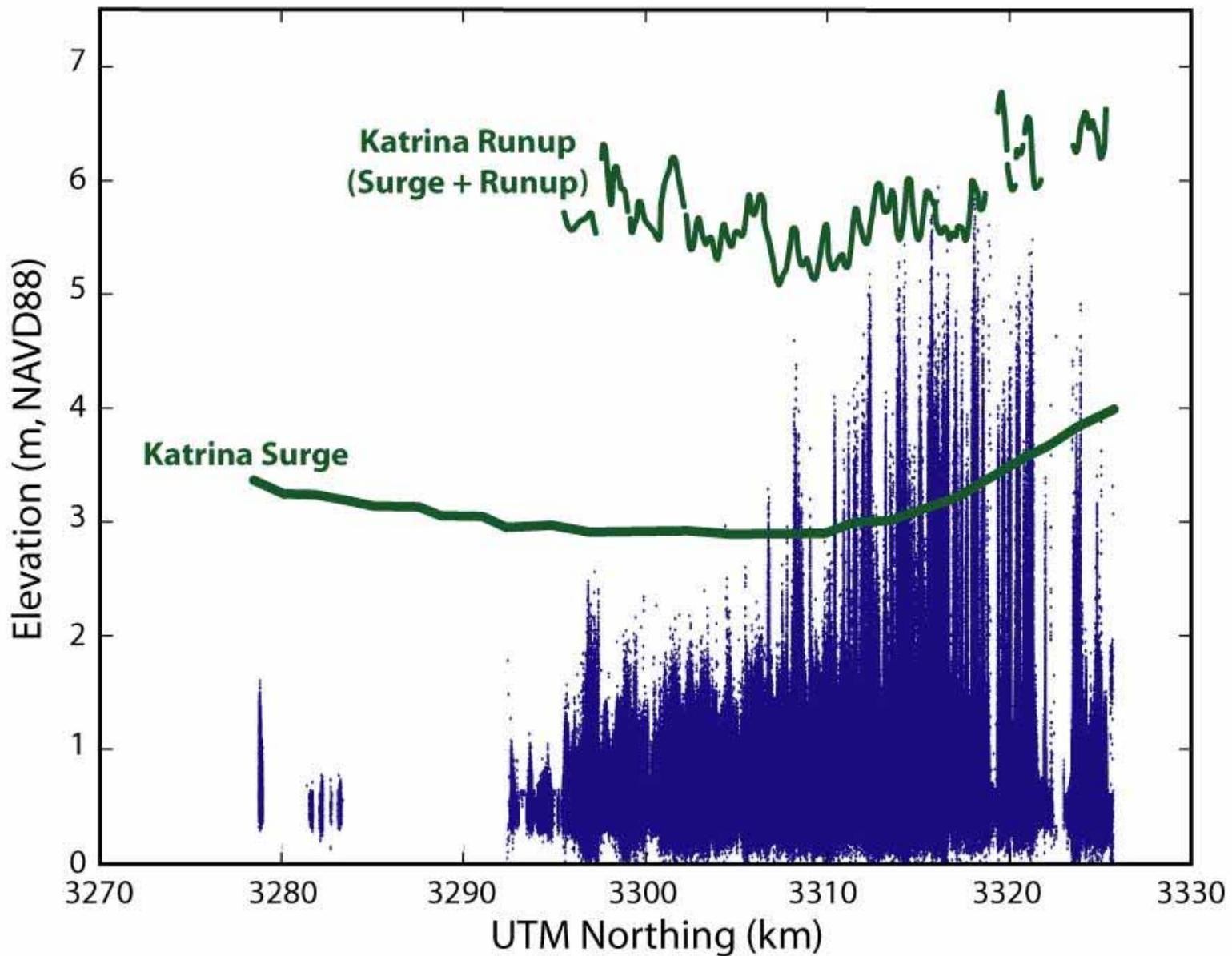
**Post  
Katrina**

# Extreme coastal change during Katrina

## Chandeleur Islands, LA



### Chandeleur Islands 2002 (Pre Katrina Topography)



### Chandeleur Islands 2005 (Post Katrina Topography)

