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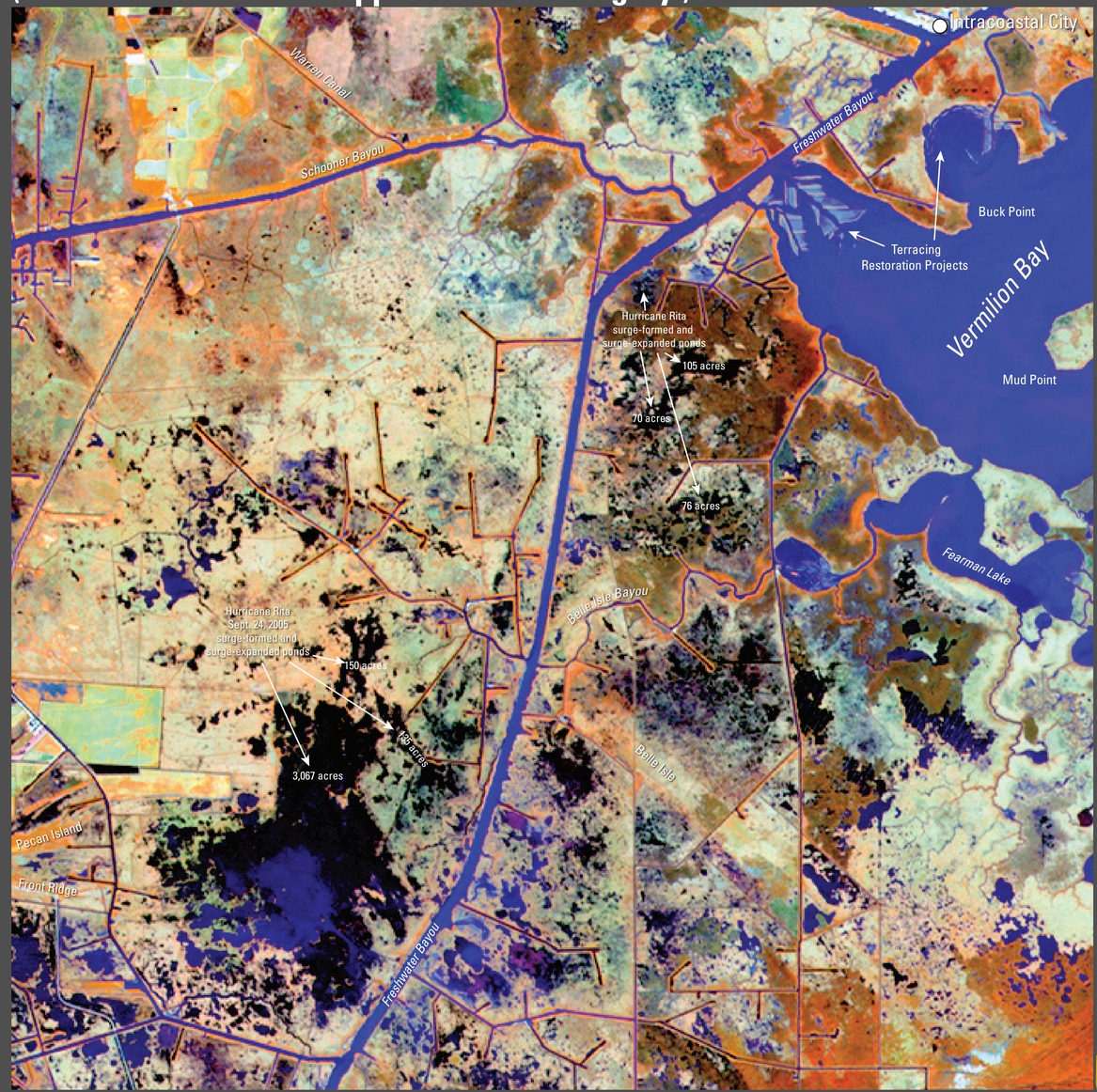
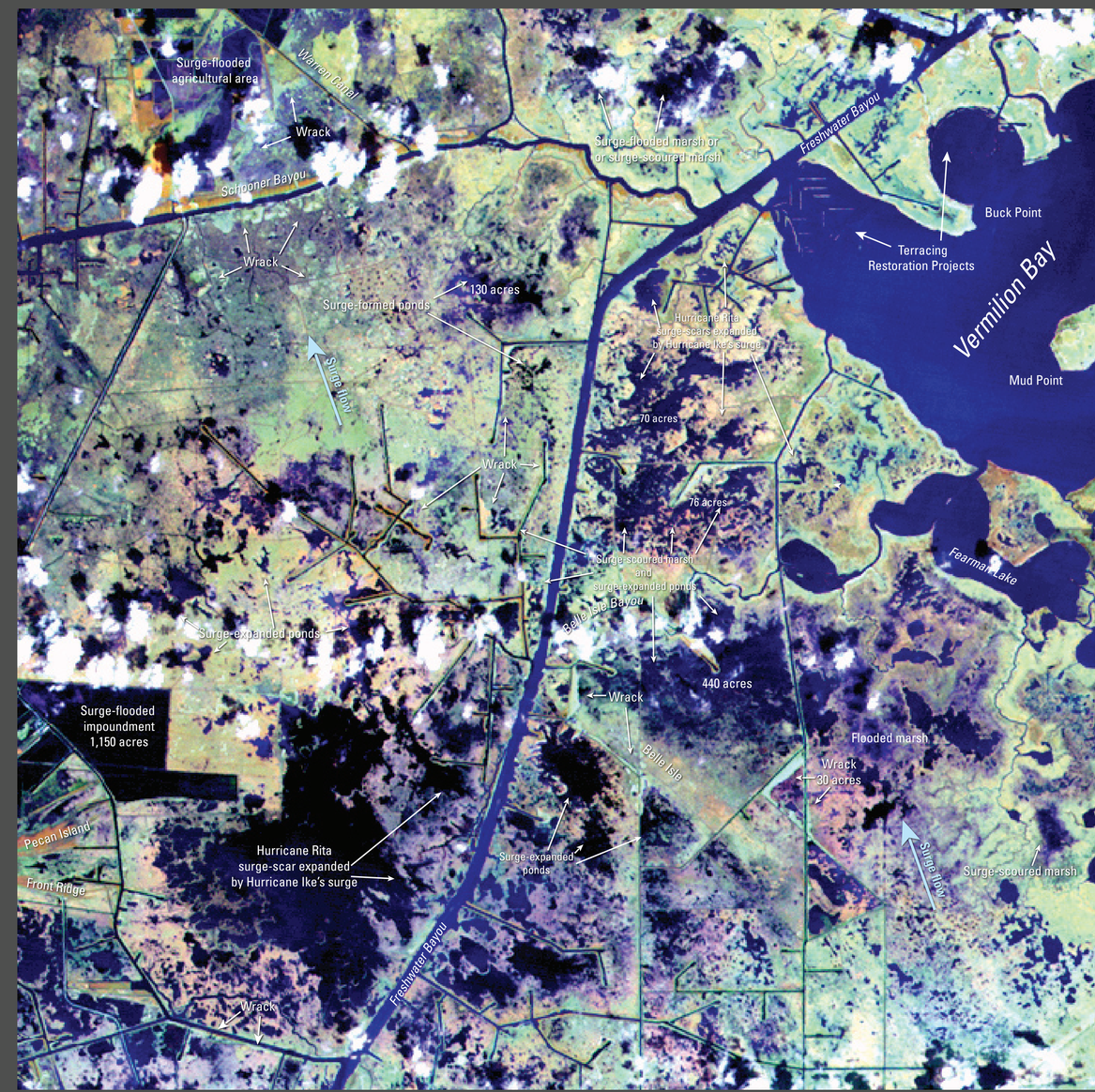
Before and After Hurricane Ike Images–Fresh Water Bayou, Louisiana (Landsat 5 Thematic Mapper Satellite Imagery)



April 15, 2008 Landsat 5 TM



September 22, 2008 Landsat 5 TM

Vegetation damage from storm surge is indicated by a decrease in reflected near-infrared light by marsh vegetation as compared to the April 15, 2008 Landsat 5 TM image. The greatest observable physical surge-impacts occurred within the intermediate marsh located east of Freshwater Bayou and west of Vermilion Bay. The brackish and saline marsh bordering Vermilion Bay lacks the large surge-exapnded ponds, surge-scoured marsh, and new surge-formed ponds.

Scale 1:52,000

2 0 2 4 6 8 Kilometers

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U.S. Department of the Interior
U.S. Geological Survey

Preliminary visual examination September 25, 2008.

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Landsat 5 Thematic Mapper Satellite Imagery is provided by the USGS EROS Data Center. Bands 4 (near-ir), 5 (mid-ir), and 3 (visible red) are displayed.