CRMS Site 157

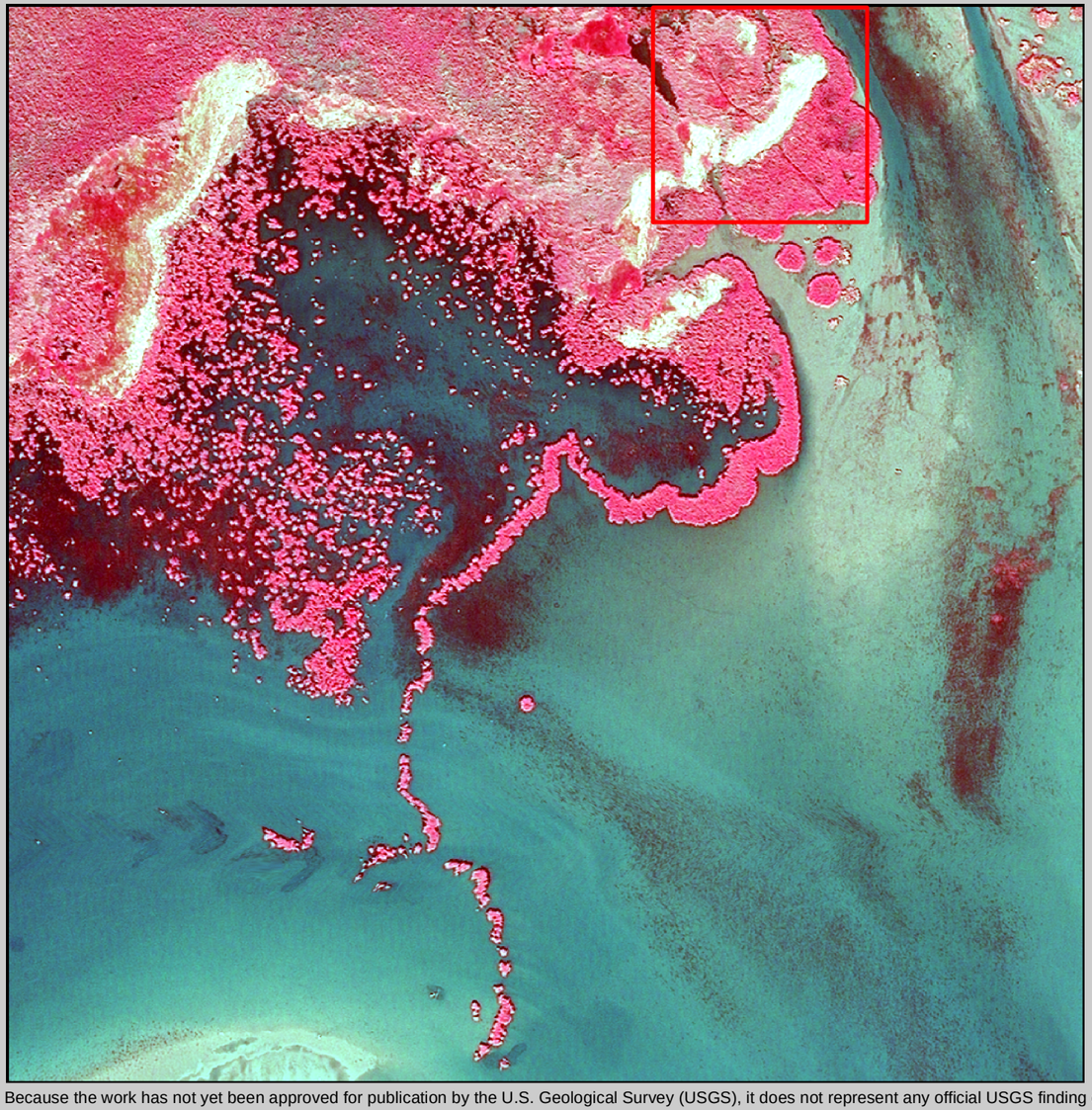
Coastwide Reference Monitoring System (CRMS)

2008 Digital Image and Land-Water Classification

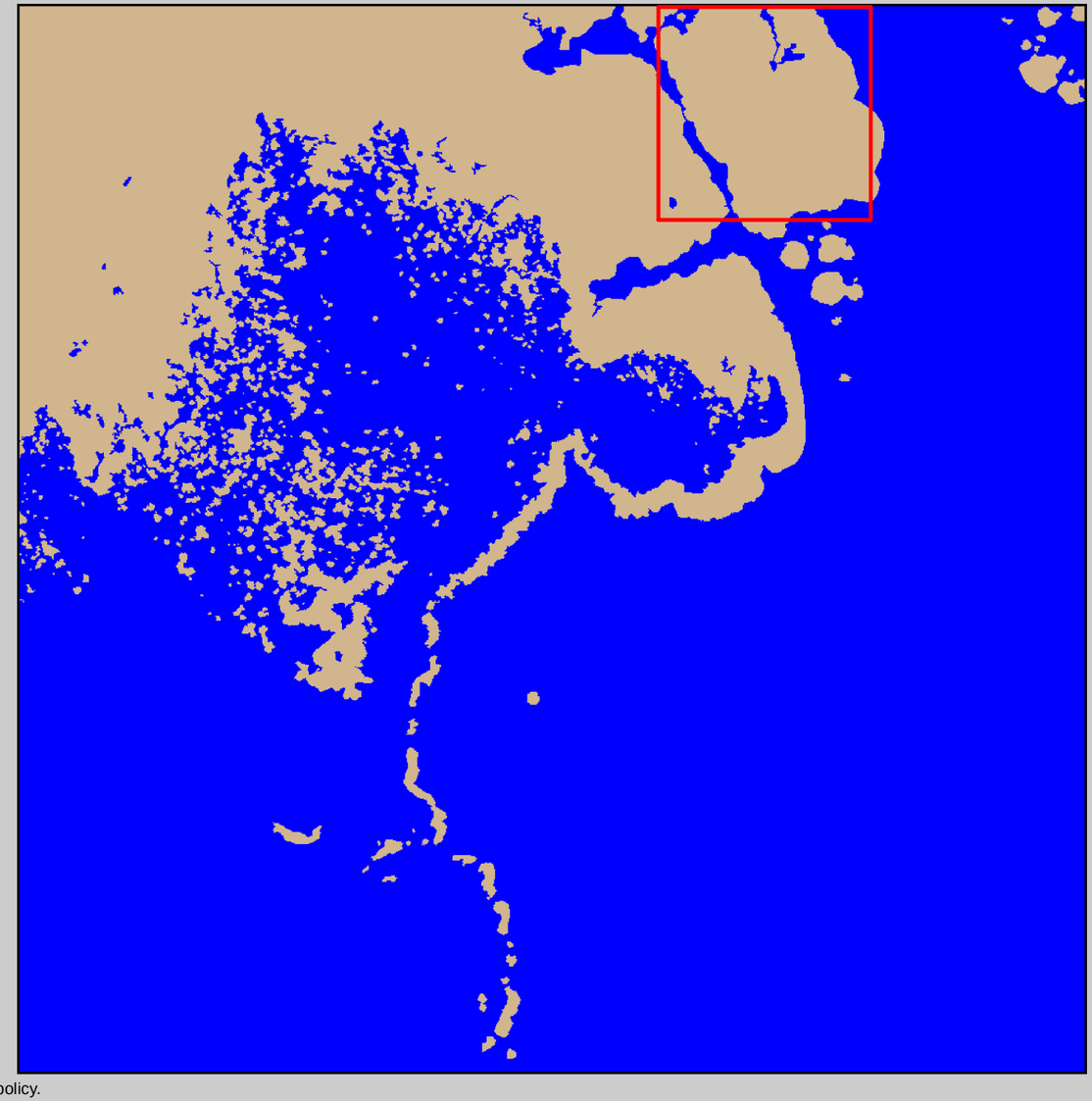
USGS science for a changing world

CPRA Coastal Protection and Restoration Authority of Louisiana

2008 Digital Image



2008 Land-Water Classification



Because the work has not yet been approved for publication by the U.S. Geological Survey (USGS), it does not represent any official USGS finding or policy.

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Prepared for:
Louisiana Coastal Protection and Restoration Authority
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Data Source:
The land-water data were obtained from digital imagery (Z/I Imaging digital mapping camera) with 1-meter resolution, acquired October-November 2008. All areas characterized by emergent vegetation, upland, wetland forest, or scrub-shrub were classified as land, while open water, aquatic beds, and mudflats were classified as water.

Scale 1:5,500

0.25 0 0.25 Miles

0.25 0 0.25 0.5 Kilometers

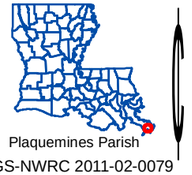
Data Collection Area (DCA)

The DCA includes field samplings of water level, salinity, vegetation, surface elevation change, and soils.

2008 Land-Water Acreage Results

Class	Study Area
Land	117
Water	131
Total	**248**

Project Location



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