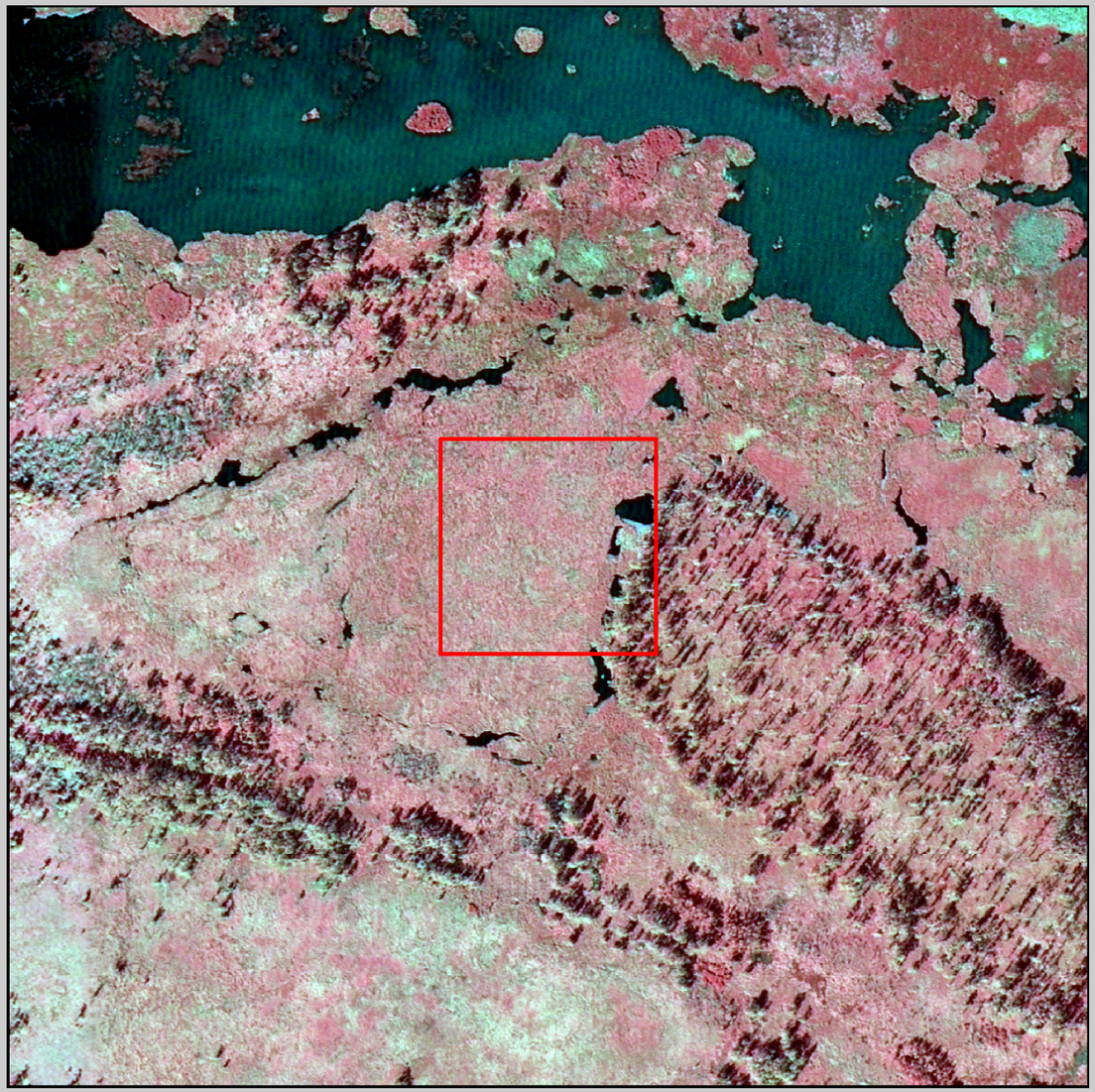
CRMS Site 3169

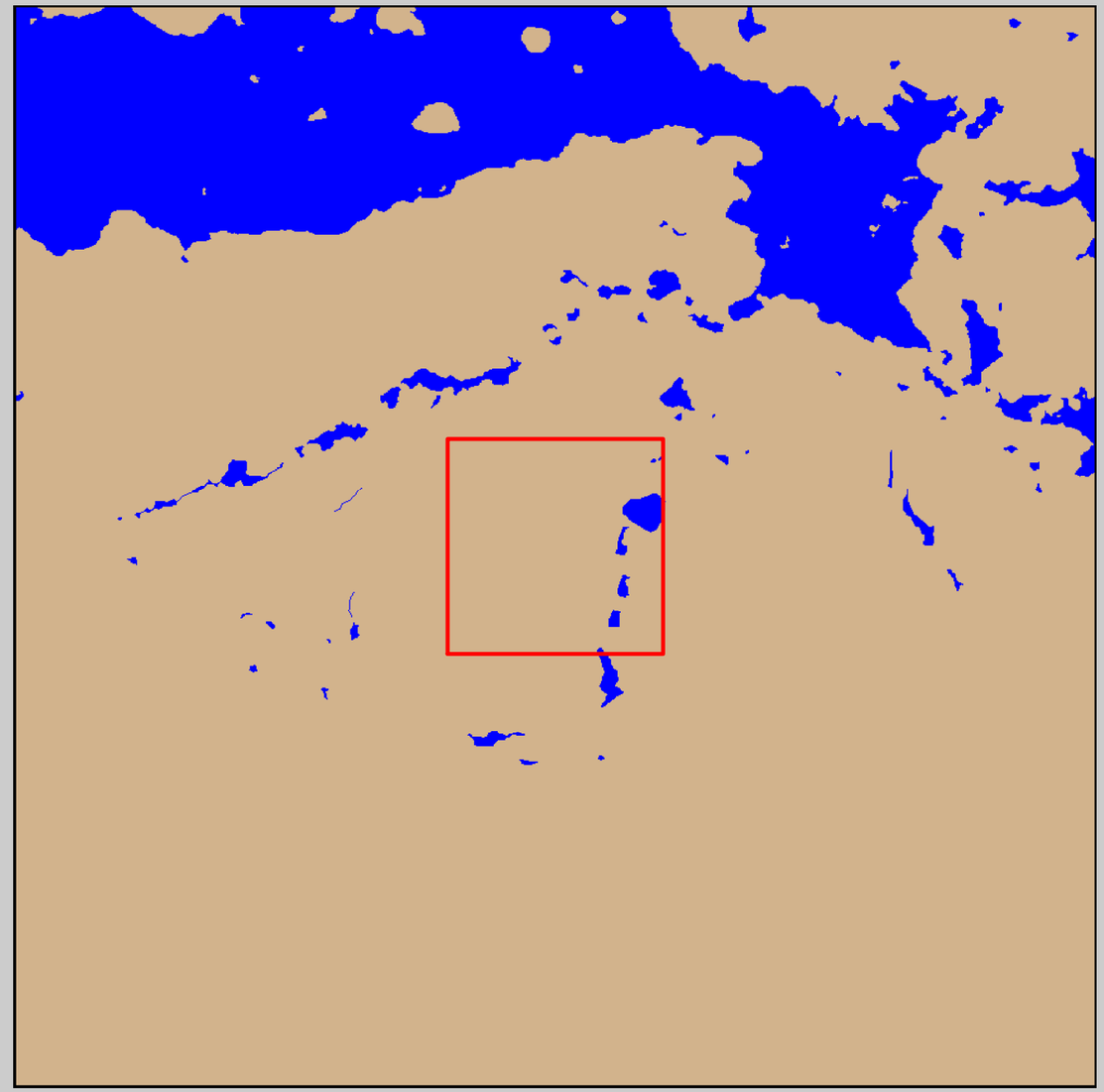
Coastwide Reference Monitoring System (CRMS)

2005 Digital Image and Land-Water Analysis

2005 Digital Image



2005 Land-Water Analysis



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Lafayette, Louisiana
Prepared for:
Louisiana Department of Natural Resources
Coastal Restoration Division
New Orleans Field Office

Data Source:
The land-water data were derived from digital imagery (Z/I Imaging digital mapping camera) with 1-meter resolution, acquired October-November 2005. 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.

2005 Land-Water Acreage Results

Class	Study Area
Land	208
Water	40
Total	**248**

Project Location

St. Charles Parish

Map ID: USGS-NWRC 2007-02-0368