CRMS Site 131
Coastwide Reference Monitoring System (CRMS)
2012 Digital Image and Land-Water Classification

2012 Digital Image

2012 Land-Water Classification

Prepared by:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Lafayette, Louisiana

Prepared for:
Louisiana Coastal Protection and Restoration Authority
New Orleans Regional Office

Data Information:
The 2012 land-water data were obtained from digital imagery (Z/I Imaging digital mapping camera) with 1-meter resolution, acquired October 2012. 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.

Data Collection Area (DCA):
The DCA includes field samplings of water level, salinity, vegetation, surface elevation change, and soils.

2012 Land-Water Acreage Results

<table>
<thead>
<tr>
<th>Class</th>
<th>Study Area</th>
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</thead>
<tbody>
<tr>
<td>Land</td>
<td>58</td>
</tr>
<tr>
<td>Water</td>
<td>190</td>
</tr>
<tr>
<td>Total</td>
<td>248</td>
</tr>
</tbody>
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