2005 Digital Image and Land-Water Analysis

**Data Source:**
The land-water data were obtained 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.

**Prepared by:**
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U.S. Geological Survey
National Wetlands Research Center
Lafayette, Louisiana
Prepared for:
Louisiana Department of Natural Resources
Coastal Restoration Division
Thibodaux Field Office

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**2005 Land-Water Acreage Results**

<table>
<thead>
<tr>
<th>Class</th>
<th>Study Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land</td>
<td>125</td>
</tr>
<tr>
<td>Water</td>
<td>123</td>
</tr>
<tr>
<td>Total</td>
<td>248</td>
</tr>
</tbody>
</table>

**Project Location:**
Lafourche Parish
CRMS Site 978

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