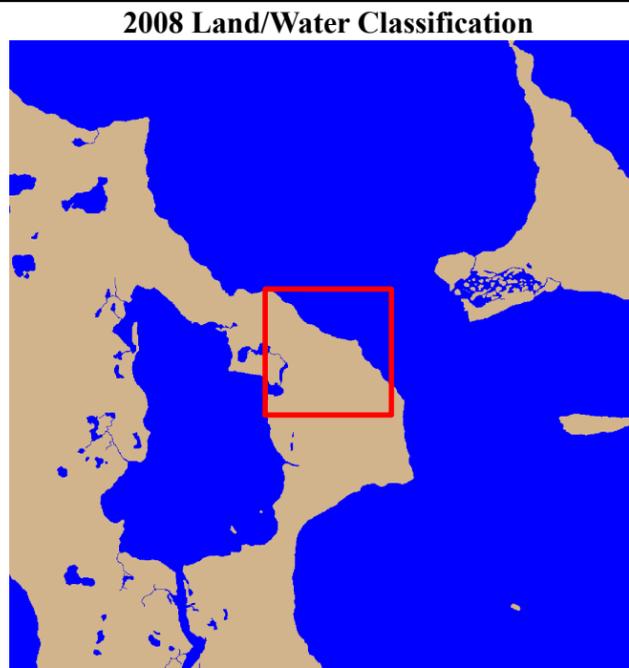
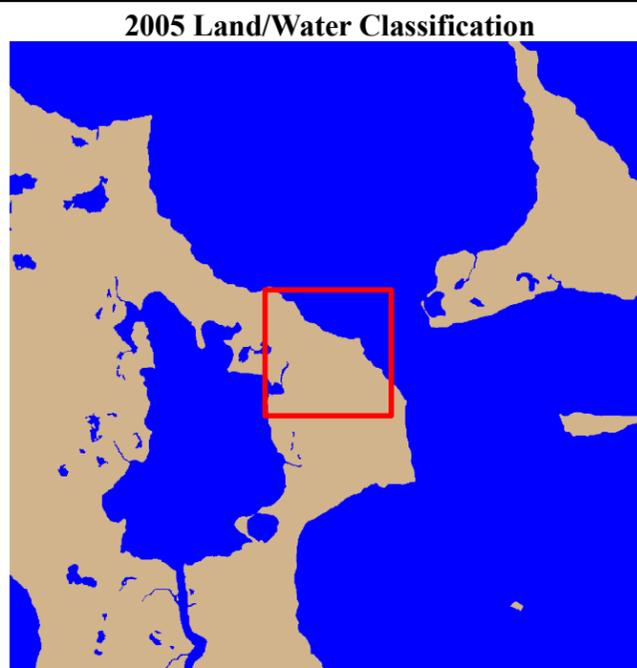


CRMS Site 0003

Coastwide Reference Monitoring System (CRMS)

2005, 2008, 2012, and 2016 Land/Water Classifications and Matrix



0 0.25 0.5 1 Kilometers

Background:

The analysis presented here is part of a program which monitors land area change using fine-spatial scale aerial imagery approximately every three years at Coastwide Reference Monitoring System (CRMS) sites. This site is one of 390 sites that encompass the range of ecological conditions in coastal Louisiana.

Data Information:

Refer to individual data products for information regarding each year of data. 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.

Land/Water Classification Legend (Individual Years)

- Land
- Water
- Data Collection Area (DCA)*

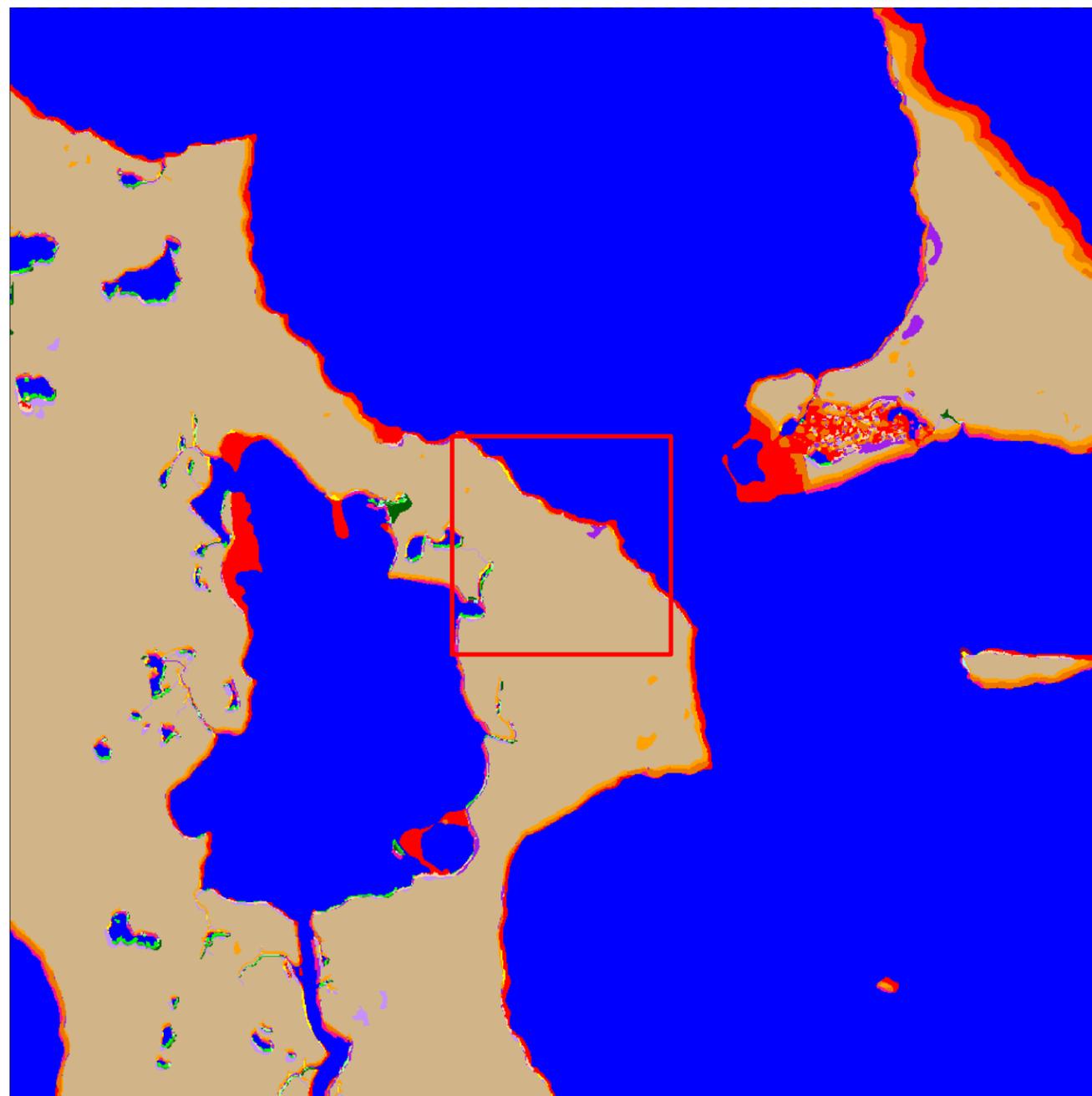
*Field collection of ecologic and hydrologic parameters occur within the DCA.

CRMS Site 0003			
	Land (Acres)	Water (Acres)	Total (Acres)
2005	89.0	158.1	247.1
2008	84.3	162.8	247.1
2012	81.0	166.1	247.1
2016	79.7	167.4	247.1

Matrix Information:

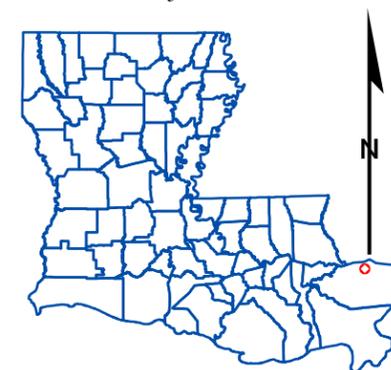
The matrix is provided for coarse scale observations. Errors in georectification can contribute to fine-scale differences among years. Please refer to product metadata for more information on appropriate uses for the data and its interpretation.

2005/2008/2012/2016 Land/Water Classification Matrix



CRMS Site 0003			
Color	Class Description	% of Area	Acres
Black	Out	0.15 %	0.37
Tan	Persistent land	31.05 %	76.73
Purple	Ephemeral water-2008	0.35 %	0.87
Light Purple	Ephemeral water-2012	0.28 %	0.69
Light Blue	Land-water-water-land	0.15 %	0.38
Yellow	Land-water-land-water	0.11 %	0.26
Orange	New water-2016	1.05 %	2.58
Red	Persistent loss-2012	1.12 %	2.78
Dark Red	Persistent loss-2008	1.86 %	4.61
Dark Green	Persistent gain-2008	0.08 %	0.19
Light Green	Persistent gain-2012	0.05 %	0.13
Bright Green	New land-2016	0.16 %	0.40
Light Cyan	Water-land-water-land	0.07 %	0.17
Light Blue	Water-land-land-water	0.02 %	0.05
Dark Blue	Ephemeral land-2012	0.01 %	0.04
Pink	Ephemeral land-2008	0.39 %	0.96
Blue	Persistent water	63.09 %	155.90
	Total	100.00 %	247.11

Project Location



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 Restoration Authority
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