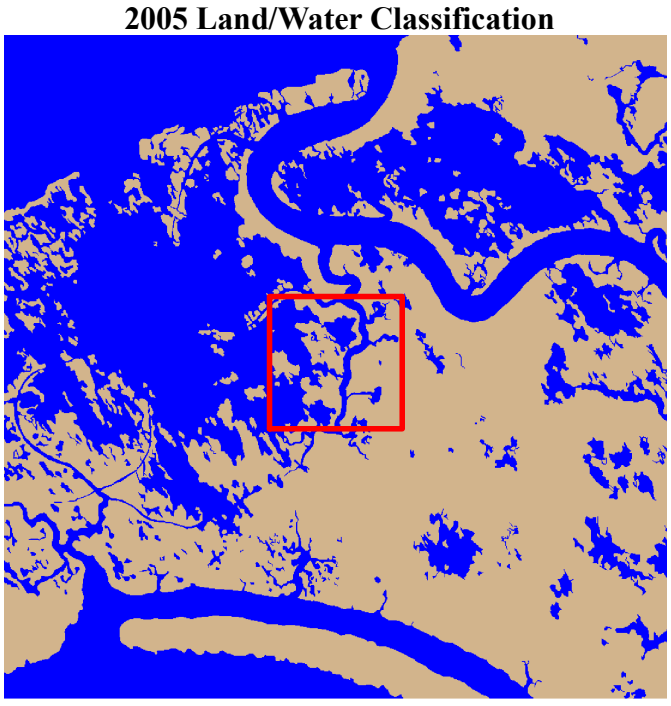
CRMS Site 0002

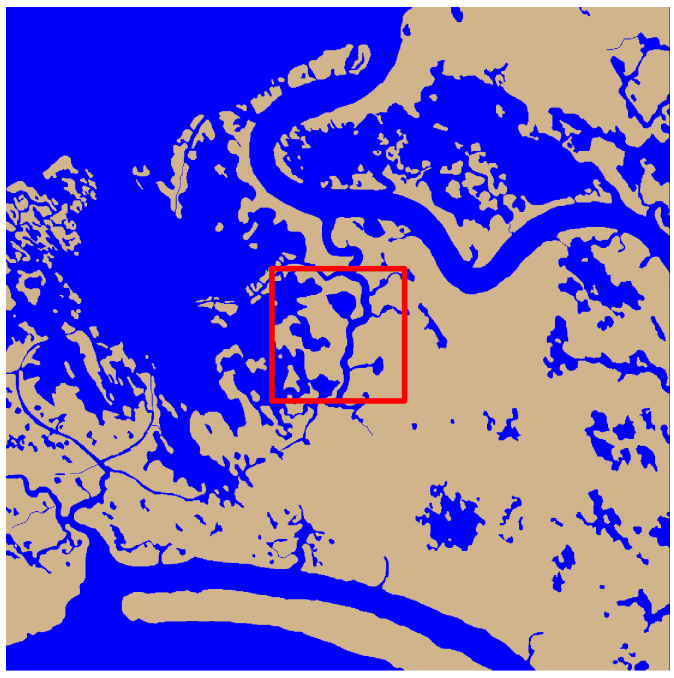
Coastwide Reference Monitoring System (CRMS)

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

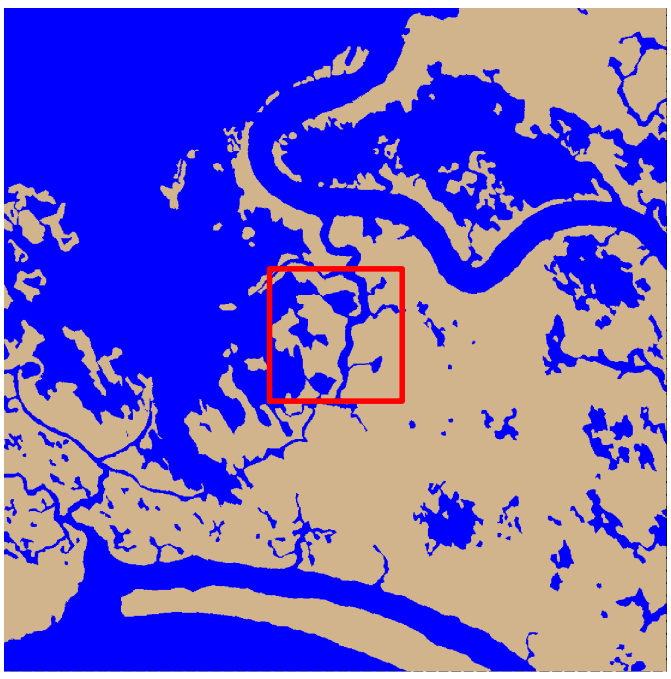
2005 Land/Water Classification



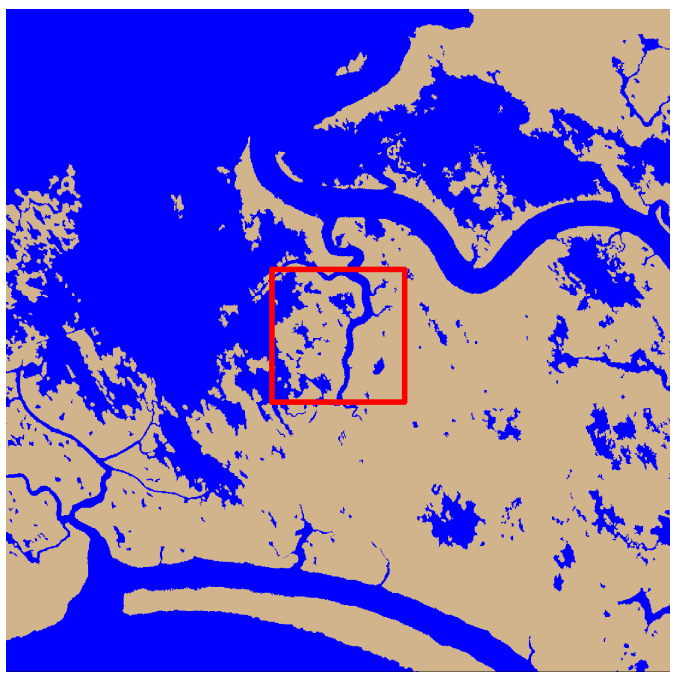
2008 Land/Water Classification



2012 Land/Water Classification

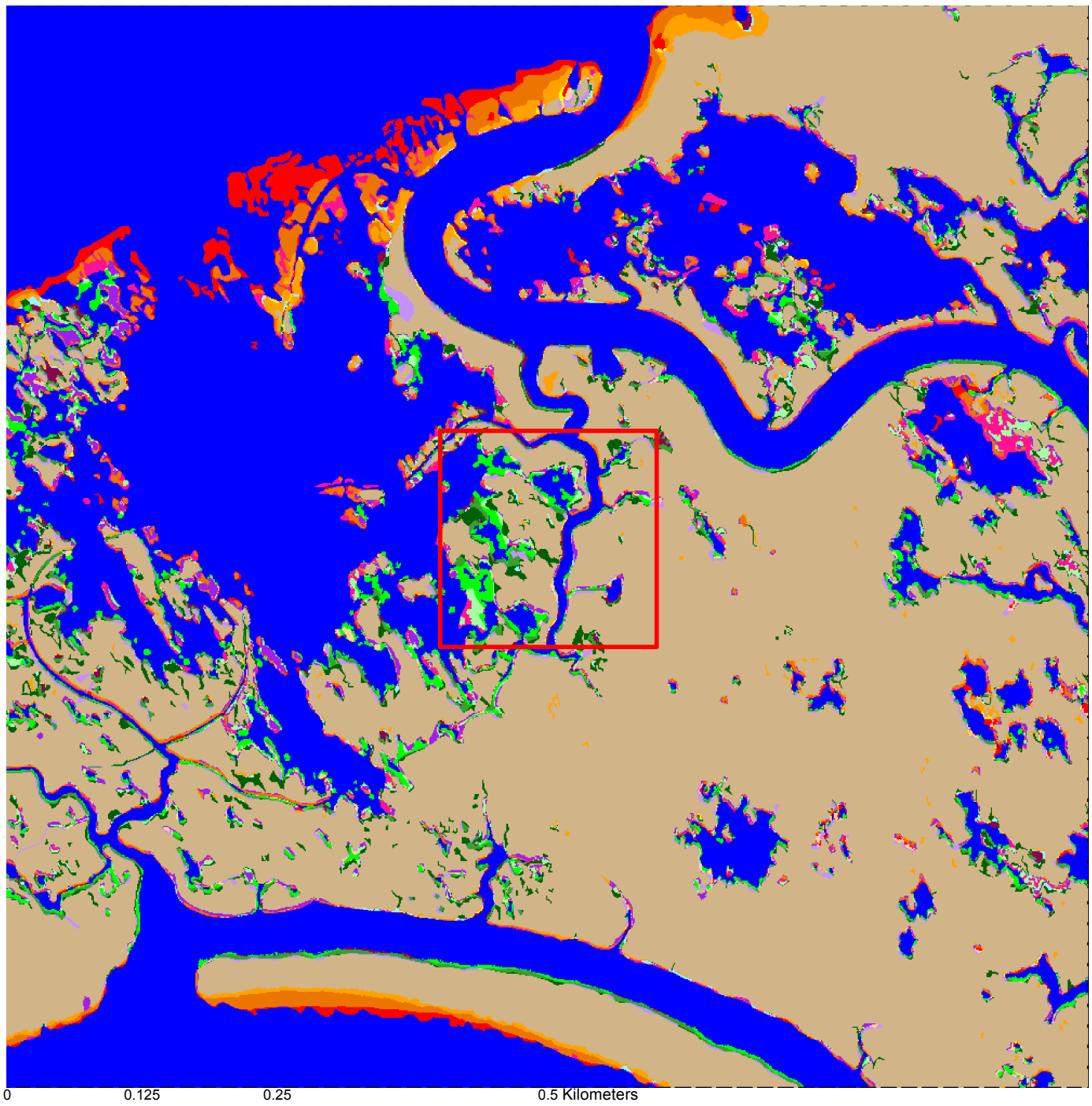


2016 Land/Water Classification



0 0.25 0.5 1 Kilometers

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



0 0.125 0.25 0.5 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)*

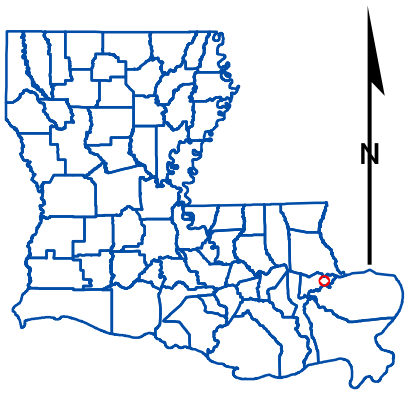
*Field collection of ecologic and hydrologic parameters occur within the DCA.

CRMS Site 0002			
	Land (Acres)	Water (Acres)	Total (Acres)
2005	127.4	119.7	247.1
2008	129.8	117.3	247.1
2012	124.3	122.8	247.1
2016	128.6	118.5	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.

CRMS Site 0002			
Color	Class Description	% of Area	Acres
	Out	0.10 %	0.25
	Persistent land	44.16 %	109.12
	Ephemeral water-2008	1.02 %	2.52
	Ephemeral water-2012	1.08 %	2.67
	Land-water-water-land	0.35 %	0.88
	Land-water-land-water	0.12 %	0.29
	New water-2016	1.34 %	3.32
	Persistent loss-2012	2.01 %	4.97
	Persistent loss-2008	1.40 %	3.47
	Persistent gain-2008	1.46 %	3.61
	Persistent gain-2012	1.34 %	3.32
	New land-2016	1.89 %	4.66
	Water-land-water-land	0.70 %	1.74
	Water-land-land-water	0.32 %	0.80
	Ephemeral land-2012	0.49 %	1.21
	Ephemeral land-2008	1.42 %	3.50
	Persistent water	40.79 %	100.79
	Total	100.00 %	247.11

Project Location



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