

## Castillo de San Marcos National Monument (CASA)

**Table D16.** Summary of Findings for CASA.

Exposure level	# of assets	% of assets	CRV	% of total CRV
High Exposure	54	100%	\$26,544,130,871	100%
Limited Exposure	0	0	0	0
<b>TOTALS</b>	<b>54</b>	<b>100%</b>	<b>\$26,544,130,871</b>	<b>100%</b>

### ***Park visit***

N/A

### ***Park contacts***

N/A

### ***Primary data utilized***

- 1) NPS FMSS location hierarchy report
- 2) 2008 St. Johns County LiDAR

### ***Process/methods for exposure determination***

Discussions with NPS led to the conclusion that all SER parks (with a few exceptions) should have ALL assets listed as high exposure. This is due to the overall low elevation of the coastal parks in the region and the extreme vulnerability of these units to tropical storms. Fort Matanzas (FOMA) was originally not included in analysis but during park review these assets were added.

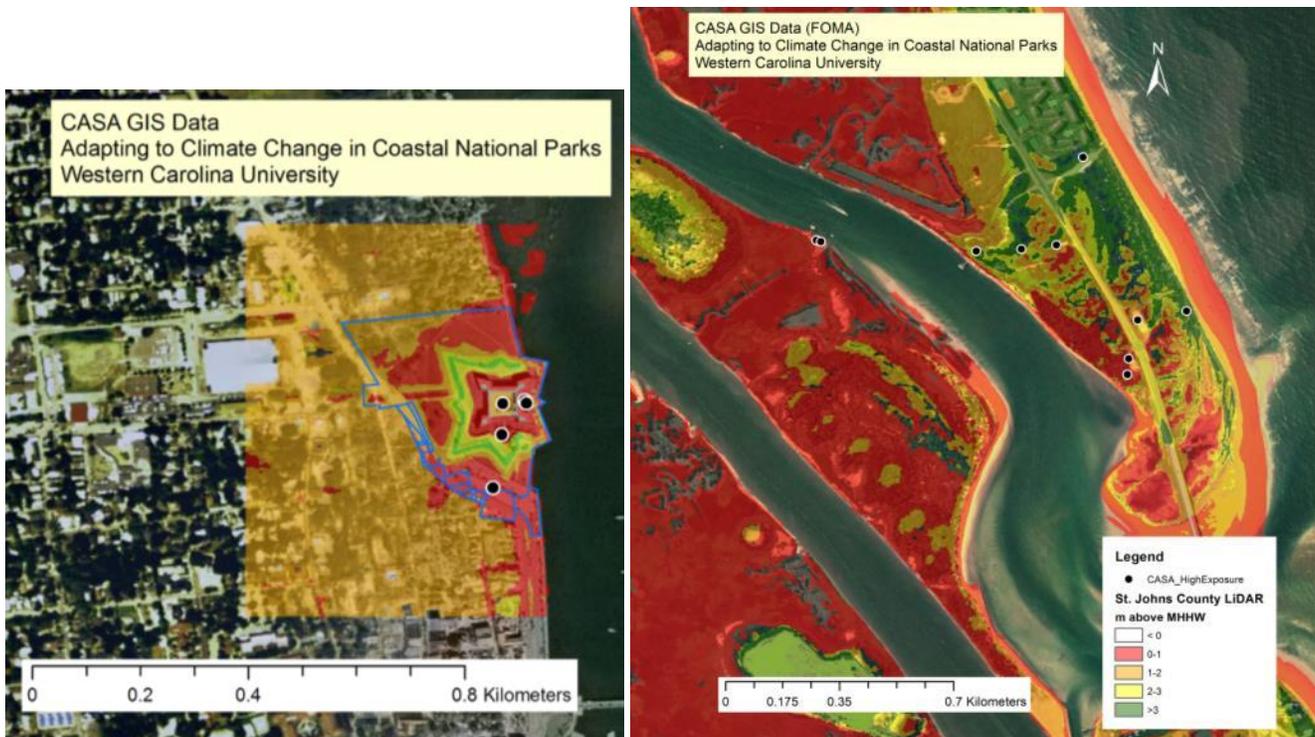
### ***CASA Documents***

Map of high exposure assets & GIS data

High exposure assets\*

\*Assets sorted by values for:

- 1) Optimizer Band (low to high)
- 2) API (high to low)
- 3) FCI (low to high)



**Figure D7.** CASA GIS map of park boundary and high-exposure assets. NOAA tides and currents website was used to calculate MHHW, for CASA used Vilano Beach ICWW, FL station and the State Road A1a Bridge, FL (both approximately 0.57 m above NAVD88) <http://tidesandcurrents.noaa.gov/datums.html?id=8720554>.

**Table D17.** Complete list of GIS Data utilized for CASA.

Data Name	Data Source
2008 St. Johns County, FL Countywide Lidar	NOAA: <a href="http://www.csc.noaa.gov/dataviewer/#">http://www.csc.noaa.gov/dataviewer/#</a>

**Table D18.** CASA High Exposure Asset List.

ID	Asset Code	Location Code (Description)	CRV	Optimiz Band	API	FCI
1	4100	233417 (CASA New Visitor Use Assistant Office)	\$147,344	0	90	0
2	7500	234561 (CASA-Fort Interpretive Media)	\$1,560,215	0	73	0
3	7500	234565 (CASA-Grounds Interpretive Media)	\$24,841	0	67	0
4	4100	117043 (CASA Eastern & LE Ranger Office)	\$97,962	0	63	0
5	4100	230261 (CASA (NEW) Living History Storage Room)	\$95,163	0	60	0
6	7300	13554 (CASA Fort)	\$25,984,182,067	1	100	0
7	7300	13566 (FOMA Fort)	\$21,391,548	1	100	0
8	7300	13661 (CASA Sea Wall)	\$69,615,300	1	93	0
9	7300	36794 (CASA Ravelin)	\$28,289,230	1	93	0
10	7300	13660 (CASA Water Battery)	\$123,424,865	2	93	0

**Table D18 (continued).** CASA High Exposure Asset List.

ID	Asset Code	Location Code (Description)	CRV	Optimiz Band	API	FCI
11	7300	13664 (CASA Covered Way)	\$37,244,213	2	93	0
12	7300	13591 (CASA Moat)	\$276,125,591	2	93	0
13	7300	13603 (CASA Hot Shot Furnace)	\$372,442	2	93	0
14	1300	37037 (FOMA Visitor Parking Road FHWA RT 900)	\$835,397	2	88	0
15	7300	36793 (CASA City Gate)	\$12,180,085	2	87	0
16	4100	13568 (FOMA Visitor Center)	\$453,574	2	78	0
17	1300	37041 (FOMA Dunes Parking FWHA RT905)	\$197,357	2	78	0
18	1300	37042 (FOMA River Parking FHWA RT906)	\$118,804	2	78	0
19	7300	13659 (CASA Cubo Line)	\$7,094,136	3	71	0
20	4100	13649 (CASA Ranger Offices)	\$144,494	3	71	0
21	2100	36572 (FOMA Nature Trail Boardwalk)	\$236,064	3	71	0
22	4100	13648 (CASA Restrooms)	\$441,307	3	71	1
23	2100	36573 (FOMA Oceanside Boardwalk)	\$129,347	3	71	2
24	2100	36574 (FOMA Bayside Boardwalk)	\$48,204	3	71	2
25	4100	13650 (CASA Administration Building)	\$1,142,112	3	70	0
26	1300	37033 (CASA Administration Area Parking Lot RT 900)	\$56,188	3	70	1
27	1300	37040 (FOMA Beach Access Parking FWHA Rte#902)	\$232,893	3	68	1
28	1300	104762 (FOMA Visitor Parking North, RT 900A)	\$32,649	3	65	0
29	1300	104768 (FOMA Visitor Parking, South, RT 900B)	\$30,798	3	65	0
30	4100	13654 (CASA Gas Shed)	\$12,153	3	61	0
31	4100	13655 (CASA Maintenance Bay Storage Buildings)	\$681,610	3	61	0
32	4100	32798 (Chief of Maintenance Office)	\$81,911	3	61	0
33	4100	37050 (FOMA Maintenance Shop)	\$322,923	3	61	0
34	4100	13596 (FOMA New LE Office (old Ranger Office))	\$90,993	3	61	0
35	4100	13594 (FOMA Public Restrooms)	\$665,743	3	60	0
36	4100	31710 (CASA Gift Shop Eastern National Park & Monument)	\$128,826	3	55	0
37	4100	37051 (FOMA Maintenance Outbuilding)	\$209,552	3	54	0
38	1300	37034 (CASA Maintenance Parking Lot RT 901)	\$22,165	3	50	1
39	4100	13593 (CASA Fee Booth)	\$26,519	4	68	1
40	1300	37031 (CASA Main Visitor Parking Lot FHWA RT 902)	\$692,655	4	48	0
41	4100	24421 (FOMA Quarters Johnson House QMIS 0000008 C , D, E)	\$2,029,755	4	43	0
42	3100	36580 (FOMA Fort Maintained Landscape)	\$34,149	4	43	0
43	1100	37047 (FOMA Service Road)	\$20,169	4	43	0
44	1300	104969 (FOMA Rattlesnake Island Parking, RT 903)	\$10,611	4	38	0
45	4100	24424 (FOMA New Ranger Office (Old VC Apartment))	\$180,385	4	38	0
46	1100	104877 (FOMA, Fishing Road, RT 200)	\$13,339	4	27	0
47	3100	36577 (FOMA Quads Maintained Landscape)	\$61,013	4	27	0
48	1300	37032 (CASA Ranger Parking Lot FHWA RT 904)	\$98,944	4	21	1
49	4100	37049 (FOMA Balley Building)	\$93,691	5	30	0
50	3100	37045 (FOMA Maintenance Yard)	\$31,934	5	13	0

**Table D18 (continued).** CASA High Exposure Asset List.

<b>ID</b>	<b>Asset Code</b>	<b>Location Code (Description)</b>	<b>CRV</b>	<b>Optimiz Band</b>	<b>API</b>	<b>FCI</b>
51	1300	37039 (FOMA Ranger Parking FWHA Rte#901)	\$52,770	5	13	0
52	7500	234566 (FOMA-Fort Interpretive Media)	\$135,936	n/a	73	0
53	4100	117042 (FOMA Fire Cache)	\$17,473	n/a	36	0
54	4100	37710 (CASA Living History Storage Room)	\$148,532	n/a	n/a	n/a