

Cumberland Island National Seashore (CUIS)

Table D19. Summary of Findings for CUIS.

Exposure level	# of assets	% of assets	CRV	% of total CRV
High Exposure	33	16%	\$19,361,490	17%
Limited Exposure	171	84%	\$93,069,529	83%
TOTALS	204	100%	\$112,431,019	100%

Park visit

April 2012

Park contacts

John Fry

Primary data utilized

- 1) NPS FMSS location hierarchy report
- 2) LiDAR obtained from Chester Jackson, Georgia Southern University

Process/methods for exposure determination

Combination of visit/discussion with park staff during visit and LiDAR/geologic analysis of assets.

CUIS 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)

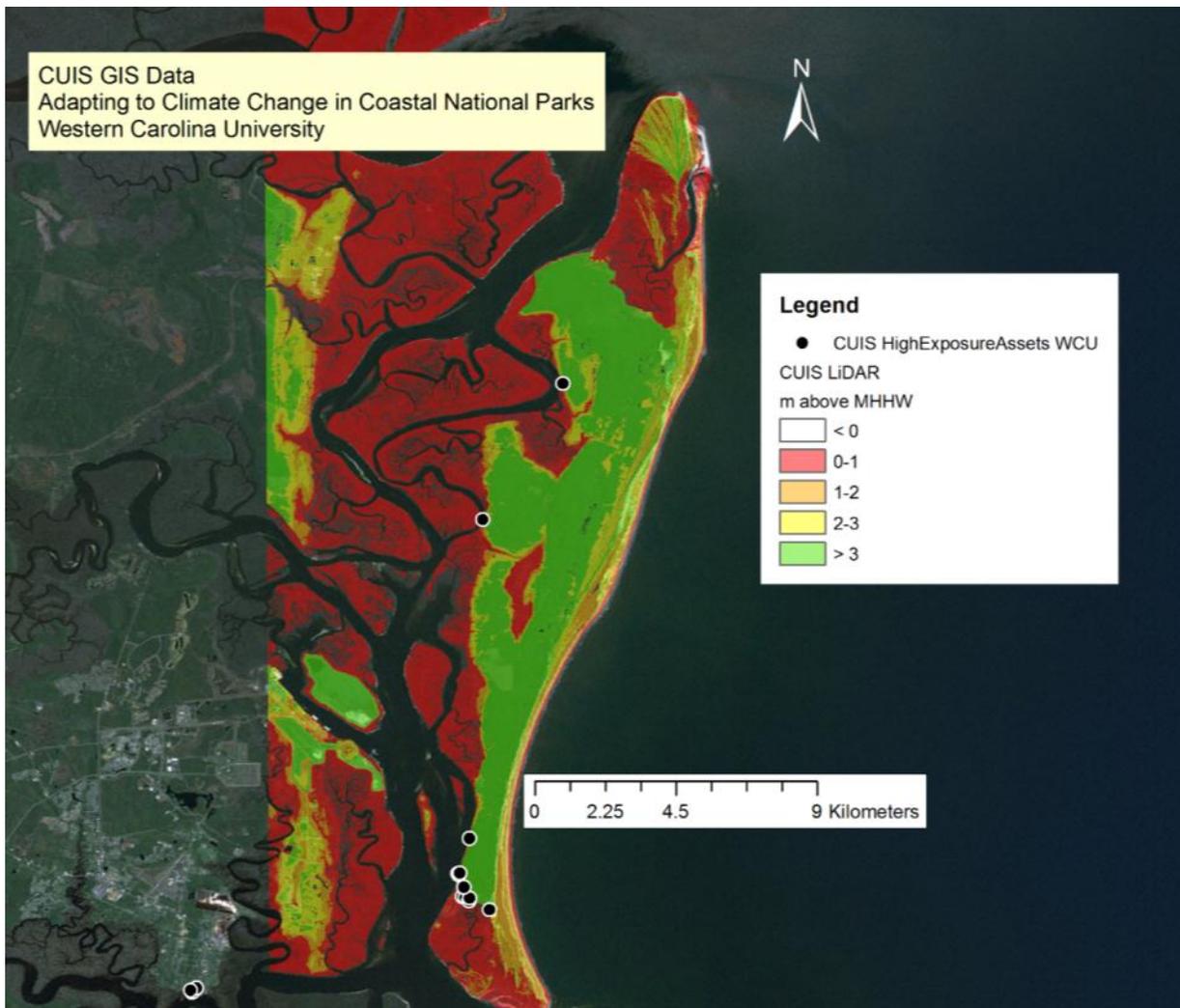


Figure D8. CUIS GIS map of park boundary and high-exposure assets. NOAA tides and currents website was used to calculate MHHW (0.84 m above NAVD88), for CUIS used Fernandina Beach, FL station: <http://tidesandcurrents.noaa.gov/datums.html?id=8720030>.

Table D20. Complete list of GIS Data utilized for CUIS.

Data Name	Data Source
GIS Structure Geographic Data	NPS staff, Brian Diethorn: Facilities Management GIS Specialist, Lakewood, CO
CUIS LIDAR, meters, NAVD88	Chester Jackson, Department of Geology & Geography Georgia Southern Univ.
Cumberland Island National Seashore Small-Scale Base GIS Data	IRMA, NPS: https://irma.nps.gov/App/

Table D21. CUIS High Exposure Asset List.

ID	Asset Code	Location Code (Description)	CRV	Optimiz Band	API	FCI
1	7500	235366 (Interpretive Media Mainland Musuem Exhibits)	\$565,502	0	100	0
2	7500	235364 (Interpretive Media Ice House Exhibits)	\$744,758	0	100	0
3	7500	235365 (Interpretive Media Mainland VC Exhibits)	\$469,847	0	92	0
4	6300	107552 (Dungeness Seawall)	\$3,966,461	1	100	0
5	4100	62791 (Mainland Museum)	\$4,581,306	1	100	0.02
6	4100	63826 (Dungeness Dock Ice House (Museum))	\$750,282	1	93	0.63
7	4100	62789 (Mainland Visitor Center)	\$2,135,096	1	88	0.02
8	4100	62804 (Dungeness Boat House)	\$441,748	1	88	0.03
9	4100	62814 (Seacamp Ranger Station)	\$1,084,468	1	77	0.15
10	4100	62790 (Bachlott House)	\$1,015,343	1	71	0.05
11	4100	113369 (Plum Orchard Octagon Shed)	\$79,306	1	40	0
12	7200	113364 (Dungeness Dock Cistern (Ruin))	\$311,969	1	33	0
13	1300	109009 (Bachlott House Parking Lot)	\$36,478	2	65	0
14	7200	112938 (Dungeness Water Wheel House Ruin)	\$462,431	2	43	0
15	7200	112905 (Dungeness Garden House (Ruin))	\$146,625	2	33	0
16	7200	112909 (Dungeness Greenhouse (Ruin))	\$423,565	2	33	0
17	4300	62810 (White Cottage (QMIS- 00000011))	\$612,618	2	32	0
18	5100	107620 (White Cottage Well System)	\$39,950	2	32	0
19	4100	112863 (White Cottage Well Pump House)	\$17,624	2	15	0
20	4100	113358 (White Cottage Laundry House)	\$25,378	2	15	0
21	2100	63810 (Dungeness Marsh Boardwalk)	\$310,190	3	46	0
22	4100	112939 (Mainland Gazebo)	\$52,589	3	24	0.08
23	3100	63862 (Brickhill Campground)	\$17,827	3	20	0
24	5100	108408 (Brickhill Campground Well System)	\$34,227	4	78	0
25	7200	114683 (White Cottage Duck Pond)	\$83,584	4	62	0
26	4100	63855 (Mainland Maintenance Shop)	\$251,664	4	61	0.04
27	4100	113359 (White Cottage Fire Cache (Small Frame Building))	\$109,971	4	30	0
28	4100	113360 (White Cottage Fire Cache (Large Frame Bldg))	\$186,105	4	30	0
29	1300	112941 (Mainland Museum Parking Lot)	\$72,198	4	13	0
30	5100	109802 (Dungeness Mansion Garden Well System)	\$34,227	5	72	0
31	7200	112946 (Dungeness Recreation Guest House (Ruin))	\$263,926	5	33	0
32	5100	109800 (White Cottage Well System (Duck Pond))	\$34,227	5	23	0
33	4100	238007 (The Grange Dock House)	n/a	n/a	n/a	n/a