

Castle Clinton National Monument (CACL)

Table C13. Summary of Findings for CACL.

Exposure level	# of assets	% of assets	CRV	% of total CRV
High Exposure	5	100%	\$23,606,659	100%
Limited Exposure	0	0	0	0
TOTALS	5	100%	\$23,606,659	100%

Park visit

N/A

Park contacts

N/A

Primary data utilized

NY City LiDAR, 2010

Process/methods for exposure determination

Used LiDAR DEM and maps to determine that all assets at CACL should be listed as having a high exposure to SLR. Most assets are right on the Hudson River/Upper Bay in NYC (within 100 m of water).

CACL 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)

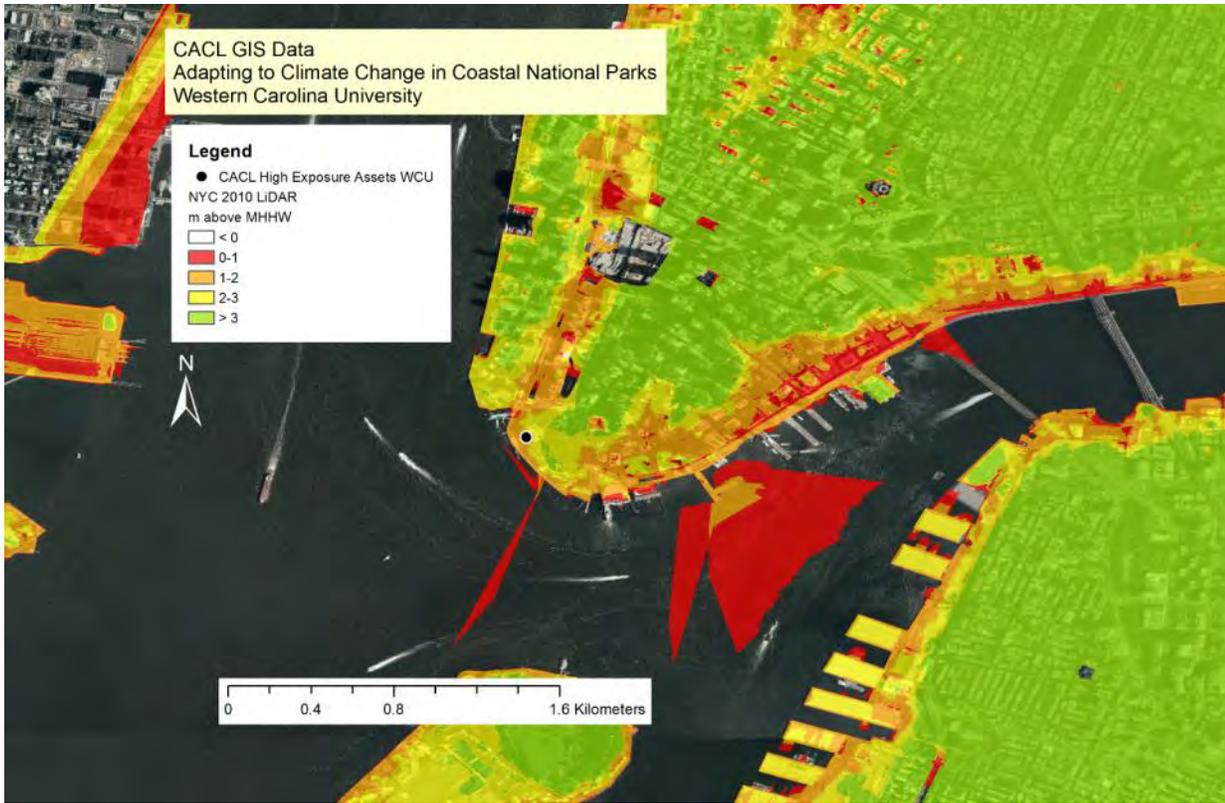


Figure C6. CAACL GIS Map of park boundary and high-exposure assets. NOAA tides and currents website was used to calculate MHHW (0.69 m above NAVD88), for CAACL used The Battery, NY <http://tidesandcurrents.noaa.gov/datums.html?id=8518750>.

Table C14. Complete list of GIS Data utilized for CAACL.

Data Name	Data Source
NYC 2010 LiDAR 3-foot Digital Elevation Model	GIS Staff, GATE

Table C15. CAACL High Exposure Asset List.

ID	Asset Code	Location Code (Description)	CRV	Optimiz Band	API	FCI
1	7300	80953 (Castle Clinton)	\$4,876,194	2	100	1.183
2	4100	84597 (Castle Clinton Bookstore Pavilion)	\$1,048,621	3	100	0
3	3100	83437 (Castle Clinton Grounds)	\$16,138,550	3	100	0.024
4	4100	84599 (Castle Clinton Ticket Office)	\$455,922	4	45	0.056
5	4100	84412 (Castle Clinton Ranger Station)	\$1,087,372	4	7	0