

Fort Point National Historic Site (FOPO)

Table E6. Summary of Findings for FOPO.

Exposure level	# of assets	% of assets	CRV	% of total CRV
High Exposure	5	29%	\$191,161,089	92%
Limited Exposure	12	71%	\$17,017,551	8%
TOTALS	17	100%	\$208,178,640	100%

Park visit

N/A

Park contacts

N/A

Primary data utilized

- 1) NPS FMSS location hierarchy report
- 2) 2010 Northern San Francisco Bay Area LiDAR

Process/methods for exposure determination

Used the location hierarchy report and the “areas” listed in report to group assets into high exposure and limited exposure. Also manually located a number of the assets and compared to LiDAR elevations. In the case of FOPO, only the assets on the very exterior near the bay were considered high exposure primarily due to the risk of erosion. Most of FOPO is above 3 m in elevation (above MHHW). Upon review from unit, the optimizer band was changed for 2 assets.

FOPO 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)

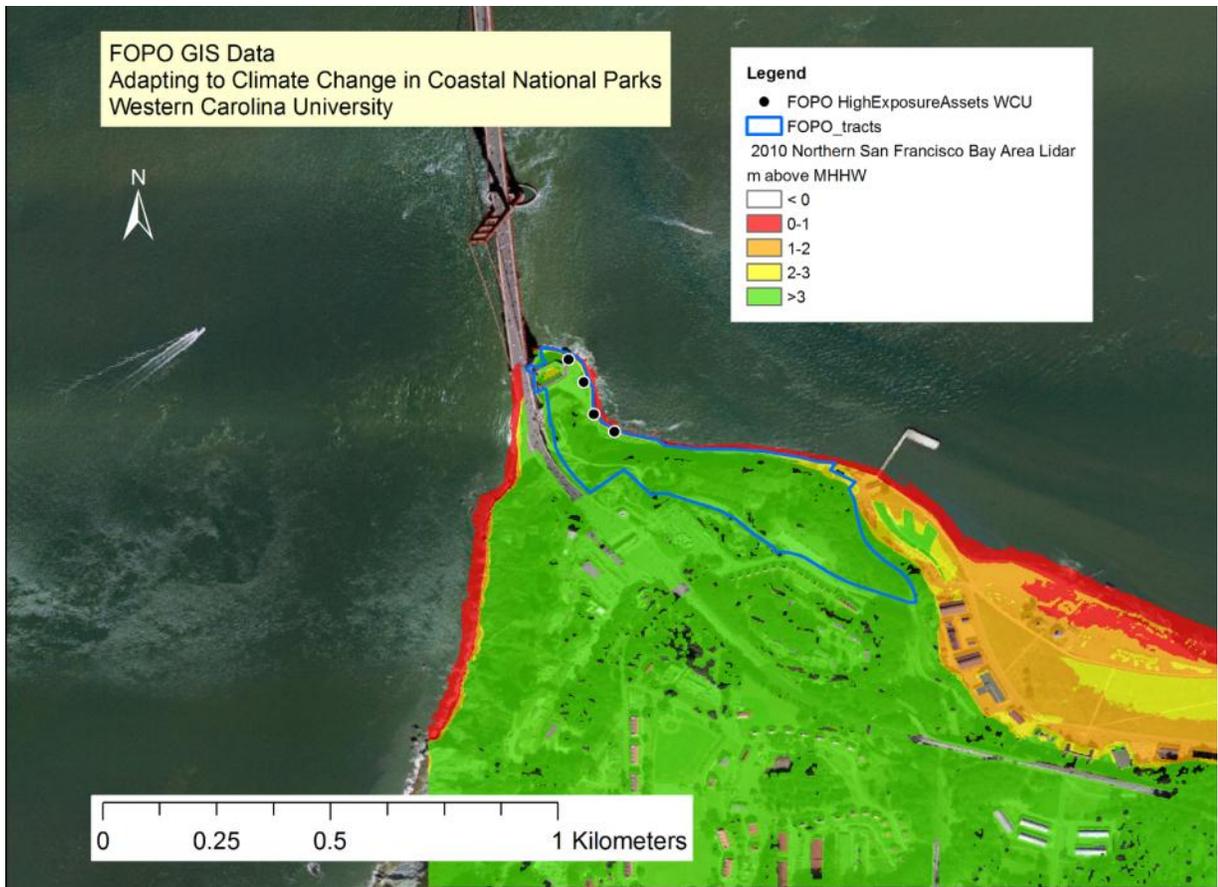


Figure E4. FOPO GIS map of park boundary and high-exposure assets. NOAA tides and currents website was used to calculate MHHW (1.8 m above NAVD88), for FOPO used San Francisco, CA station: <http://tidesandcurrents.noaa.gov/datums.html?id=9414290>.

Table E7. Complete list of GIS Data utilized for FOPO.

Data Name	Data Source
2010 Northern San Francisco Bay Area Lidar: Portions of Alameda, Contra Costa, Marin, Napa, San Francisco, Solano, and Sonoma Counties	NOAA: http://www.csc.noaa.gov/dataviewer/#

Table E8. FOPO High Exposure Asset List.

ID	Asset Code	Location Code (Description)	CRV	Optimiz Band	API	FCI
1	7300	38212 (Fort Point (FP-999))	\$188,134,467	2	100	1
2	1100	38225 (Road, Marine Drive RN601)	\$668,103	2	100	3
3	1300	38219 (Parking Lot, Fort Point)	\$631,673	2	55	1
4	1300	38220 (Parking Lot, Marine Drive)	\$299,856	2	32	1
5	6300	40726 (Seawall, Derussys and Elliots FP-996)	\$1,426,990	3	100	1