

Port of Oakland

Storms, Flooding, and Sea Level Defense Conference

November 18, 2020



Port of Oakland 101



PORT OF OAKLAND



- Top 10 highest volume container port in U.S.
- 12th busiest cargo airport in the U.S.
- 33rd busiest passenger airport in the U.S.
- 20 miles of waterfront (maritime, aviation and real estate), utilities, public parks and habitat

AB 691 SLR Adaptation Strategy Assessment

1.A

- Assessment of SLR Impacts: Inventory

2

- SLR Mapping - 2030, 2050, 2100 (low and high)

1.B

- Assessment of SLR Impacts: Vulnerability Assessment

3

- Estimation of Financial Costs

4a

- Development of Adaptation Strategies

4b.

- SLR Assessment Plan

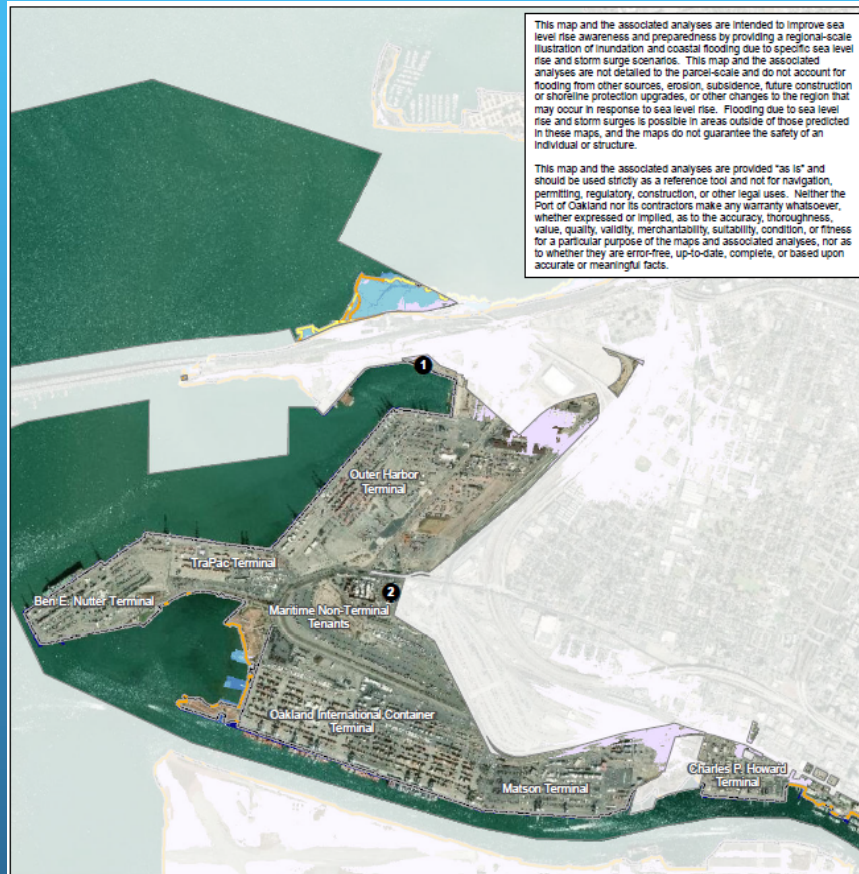
SLR Mapping - Year 2030 / 2050



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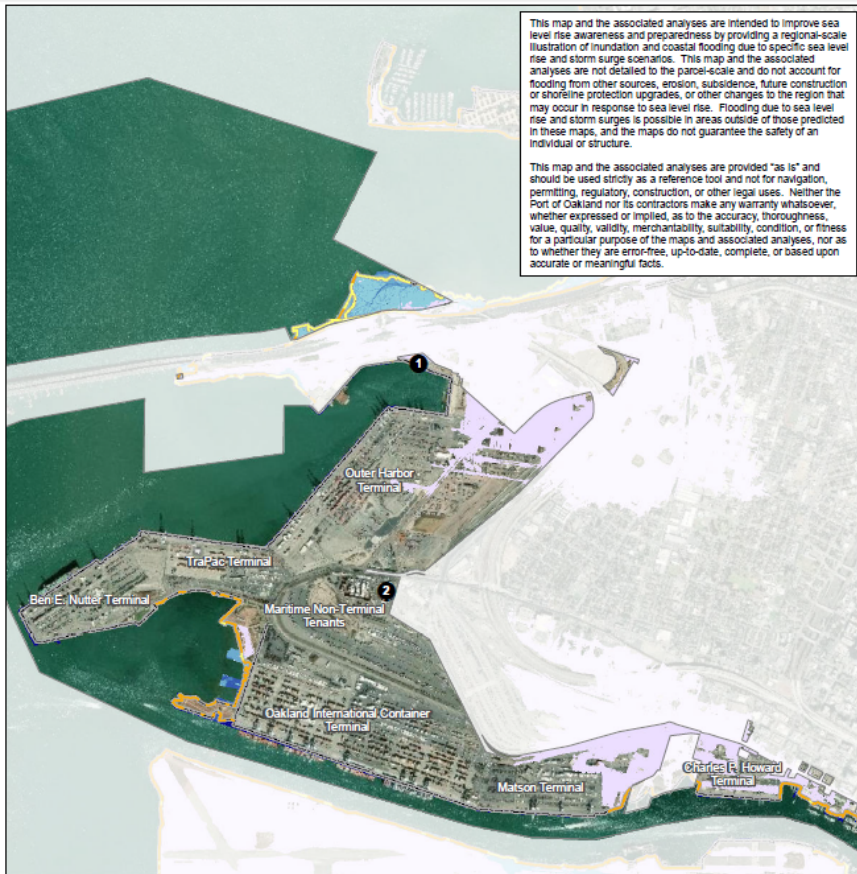
This map and the associated analyses are intended to improve sea level rise awareness and preparedness by providing a regional-scale illustration of inundation and coastal flooding due to specific sea level rise and storm surge scenarios. This map and the associated analyses are not detailed to the parcel-scale and do not account for flooding from other sources, erosion, subsidence, future construction or shoreline protection upgrades, or other changes to the region that may occur in response to sea level rise. Flooding due to sea level rise and storm surges is possible in areas outside of those predicted in these maps, and the maps do not guarantee the safety of an individual or structure.

This map and the associated analyses are provided "as is" and should be used strictly as a reference tool and not for navigation, permitting, regulatory, construction, or other legal uses. Neither the Port of Oakland nor its contractors make any warranty whatsoever, whether expressed or implied, as to the accuracy, thoroughness, value, quality, validity, merchantability, suitability, condition, or fitness for a particular purpose of the maps and associated analyses, nor as to whether they are error-free, up-to-date, complete, or based upon accurate or meaningful facts.

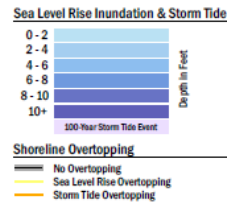


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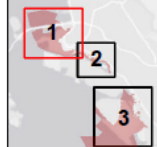


YEAR 2030 SCENARIO: 1 FOOT SEA LEVEL RISE + 100-YEAR STORM TIDE EVENT



Port of Oakland Assets

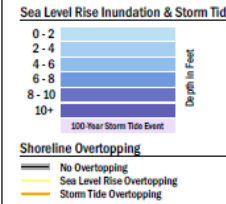
- 1 AMNAV Maritime Tug Service
- 2 Port Harbor Facilities



Panel 1 of 3

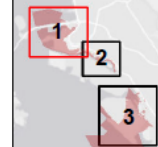


YEAR 2050 SCENARIO: 2 FEET SEA LEVEL RISE + 100-YEAR STORM TIDE EVENT



Port of Oakland Assets

- 1 AMNAV Maritime Tug Service
- 2 Port Harbor Facilities



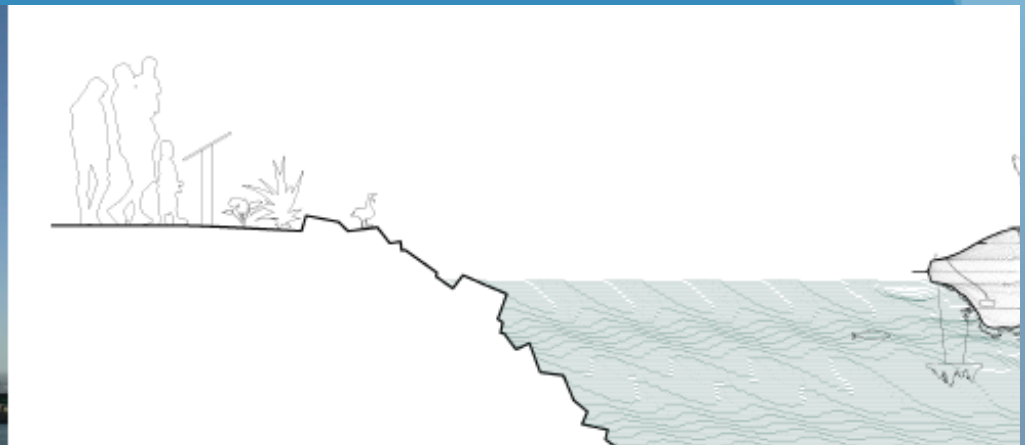
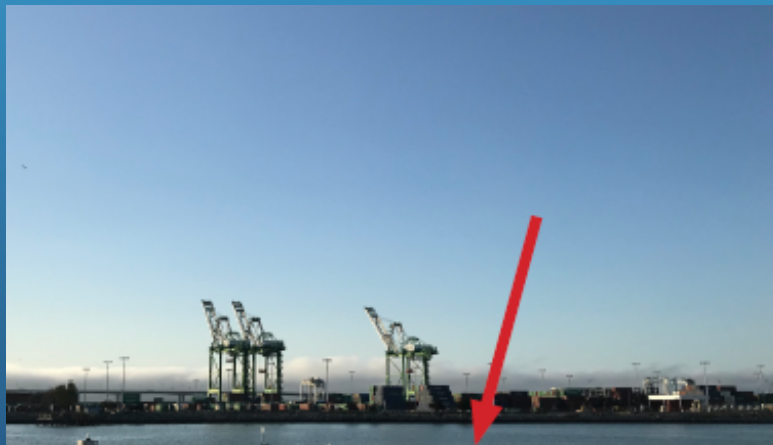
Panel 1 of 3



Other SLR Efforts



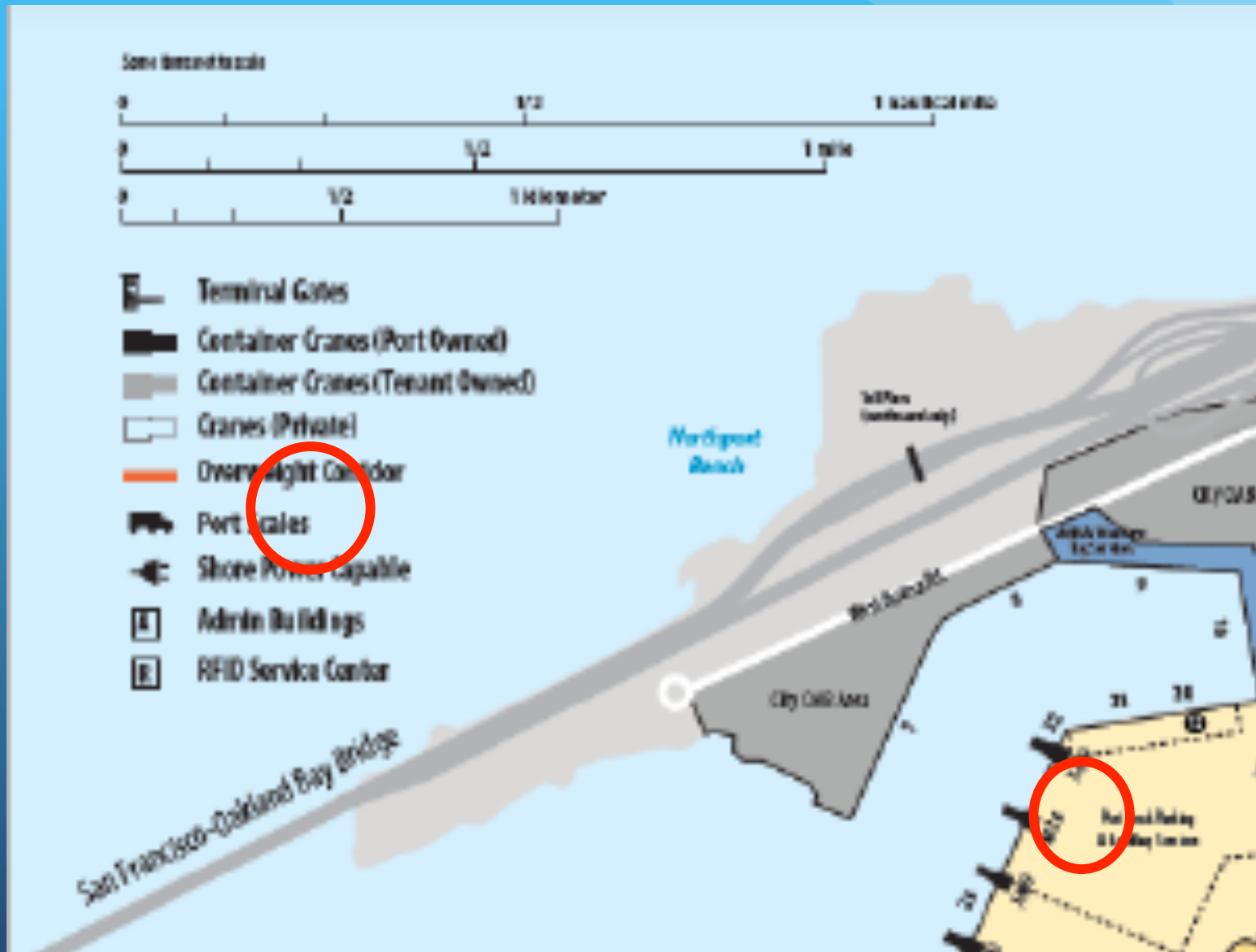
- Oakland Airport Perimeter Dike Improvement, ongoing
- Airport Northfield Flood Protection Study, ongoing
- Float Lab, ongoing



Turning Basin Expansion Project



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Thank You

