

THE PORT OF LOS ANGELES





7,500 acres

• 4,300 land and 3,200 water

43 miles of Waterfront

• Water depth of -53 ft

Market Share

• 41% West Coast, 16% Nationally

Jobs

- 1.6 Million jobs Nationwide,
 - 500,000 regionally
 - 150,000 locally

270 berths

• Includes 30 berths with Alternative Maritime Power

8.6 Million TEUs in 2023!

27 Terminals

- Auto (1)
- Breakbulk (4)
- Container (8)
- Dry Bulk (3)
- Liquid Bulk (7)
- Multi-Use (2)
- Passenger (2)

Public Amenities
And Attractions

Neighbor to San Pedro and Wilmington Communities

SEA LEVEL RISE STUDY OVERVIEW



Task

Task

Task

Task

Task

Development of Resiliency

Strategies

Task

Ta

Finalize Sea Level Rise Study

Task -

2024



Revise Sea Level Rise Study

- ✓ UPDATED SLR PROJECTIONS
- ✓ UPDATED RESILIENCY STRATEGIES
- ✓ MAPS THROUGH 2150
- ✓ GROUNDWATER IMPACTS
- ✓ CASE STUDIES
- ✓ DESIGN GUIDELINES

ASSET INVENTORY



1. Terminals

Container, Liquid/Dry Bulk, Passenger, Miscellaneous Operations

2. Critical Facilities

Fire Stations, electrical substations, pump stations, life/safety

3. Transportation (Rail/Road/Bridges)

4. Community Assets

5. Natural Habitats



SEA LEVEL RISE PROJECTIONS



Year	2018 POLA SLR STUDY	Draft 2024 Ocean Protection Council Guidance		
	Med-High	Intermediate	Intermediate- High	High
2030	1 ft (0.3 m)			
2050	2 ft (0.6 m)	0.7 ft (0.2 m)	0.9 ft (0.27 m)	1.1 ft (0.33 m)
2100	3 - 5.5 ft (0.9 – 1.7 m)	2.8 ft (0.8 m)	4.5 ft (1.37 m)	6.3 ft (1.9 m)
2150		5.5 ft (1.68 m)	7.7 ft (2.13 m)	11.3 ft (3.4 m)





Interpretive Guidelines for Addressing Sea Level Rise in Local Coastal Programs and Coastal Development Permits



Original Guidance unanimously adopted – August 12, 2015 Science Update unanimously adopted – November 7, 2018

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DRAFT 2024 UPDATE

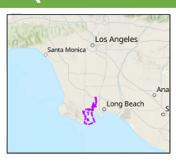
Sea Level Rise relative to year 2000

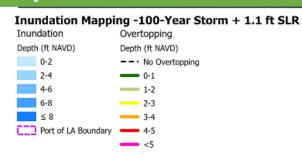


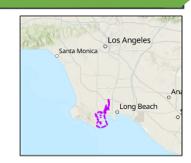


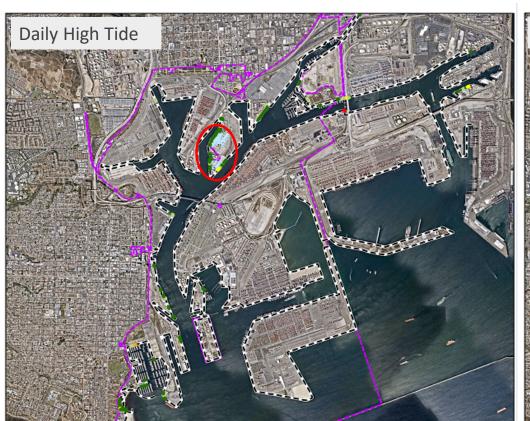
YEAR 2050 – HIGH (1.1 FT SLR)

Inundation Mapping - MHHW + 1.1 ft SLR Inundation Overtopping Depth (ft NAVD) Depth (ft NAVD) 0-2 No Overtopping 2-4 0-1 ≤ 4 1-2 2-3 3-4 4 5 4 5





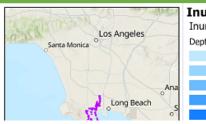




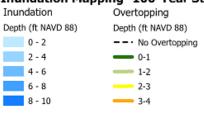


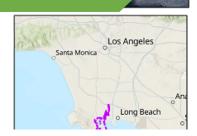
YEAR 2100 - INTERMEDIATE (2.8 FT SLR)

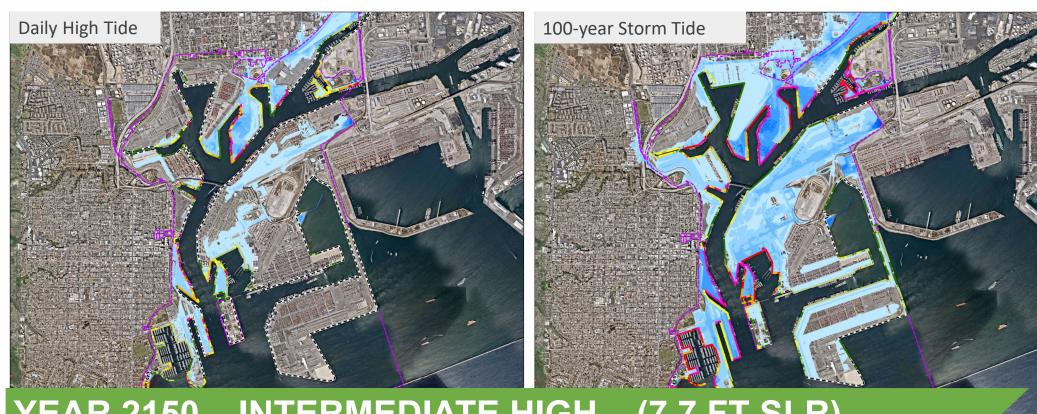
Inundation Mapping - MHHW + 2.8 ft SLR
Inundation Overtopping Inundation Depth (ft NAVD 88) Depth (ft NAVD 88) -- No Overtopping 0-2 0-1 2-3



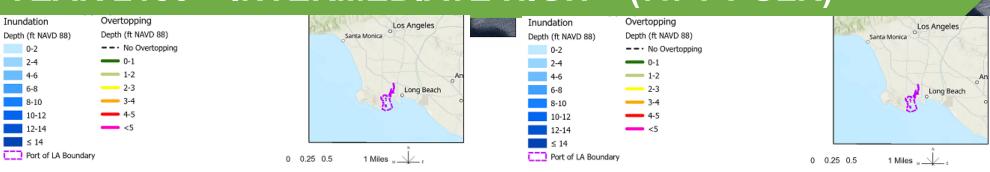
Inundation Mapping -100-Year Storm + 2.8 ft SLR







YEAR 2150 - INTERMEDIATE HIGH - (7.7 FT SLR)



RESILIENCY STRATEGIES



GOVERNANCE

- SLR language in policy, planning, and design
- CCC case Studies
- SLR in Capital funded projects
- Monitor and update

INITIATIVES

- Local, State, Federal, and International collaboration
- Funding Opportunities
- Subject Matter Experts
- Climate Resilience Advancement in Zero Emission Technology

INFRASTRUCTURE

- Temporary and Permanent protection
- Innovative solutions
- Elevating and nature based solutions













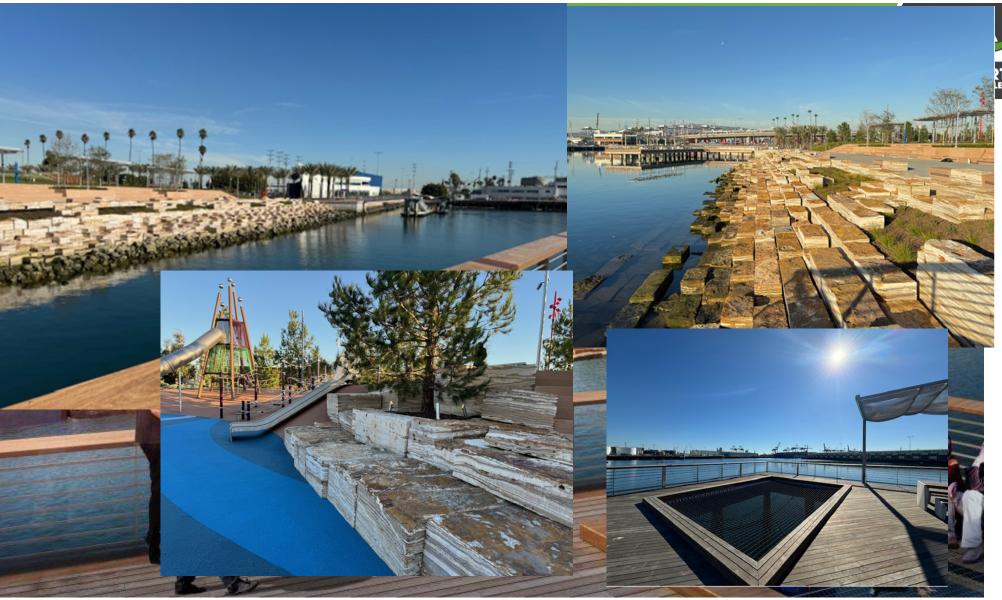












INFRASTRUCTURE ACCOMMODATION (continued)

West Harbor Development





West Harbor Development





Wilmington Waterfront Promenade Avalon Pedestrian Bridge and Promenade Gateway





POLA-POLB Goods Movement Workforce Training Facility





KEY TAKEAWAYS





THANK YOU! QUESTIONS?





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