

California Coastal Commission

Select Committee on Sea Level Rise and the California Economy

October 2, 2024



CALIFORNIA COASTAL COMMISSION
NATURAL RESOURCES AGENCY

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COASTAL ENGINEER



The Coastal Commission is committed to *“protecting and enhancing California’s coast for present and future generations.”*



California Coastal Act

([PRC 30000 et seq.](#))

public coastal access

sensitive habitat

agriculture

marine resources

energy facilities

public safety



Roles of the Coastal Commission

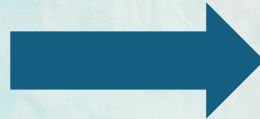
Planning

Local Coastal Programs

hazards assessment

adaptation planning

infrastructure plans



Regulatory Actions

Coastal Development Permits

Emergency CDPs

Federal Consistency Actions

Local CDP appeals

Planning for Sea Level Rise



CALIFORNIA COASTAL COMMISSION SEA LEVEL RISE POLICY GUIDANCE

*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

DRAFT 2024 UPDATE

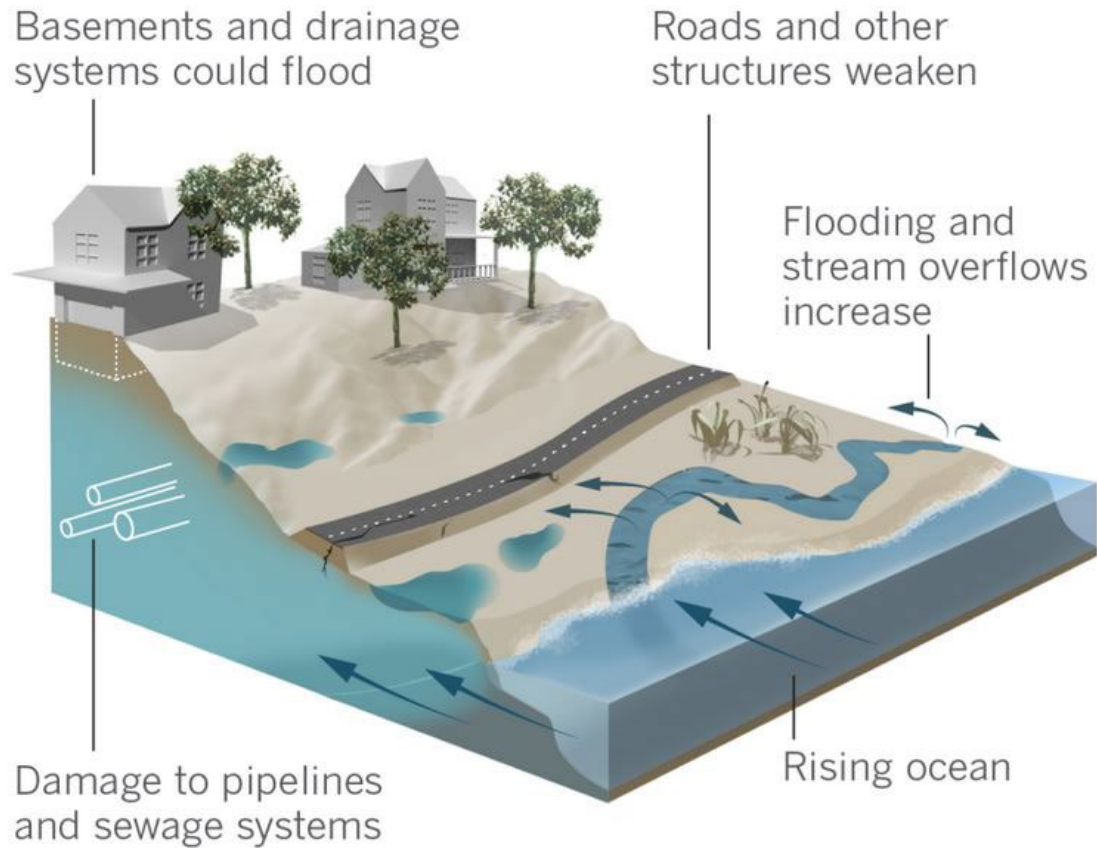


Local Coastal Land Use Plan
City of Half Moon Bay



Groundwater Rise

Impacts from rising groundwater



U.S. Geological Survey

Lorena Elebee / Los Angeles Times

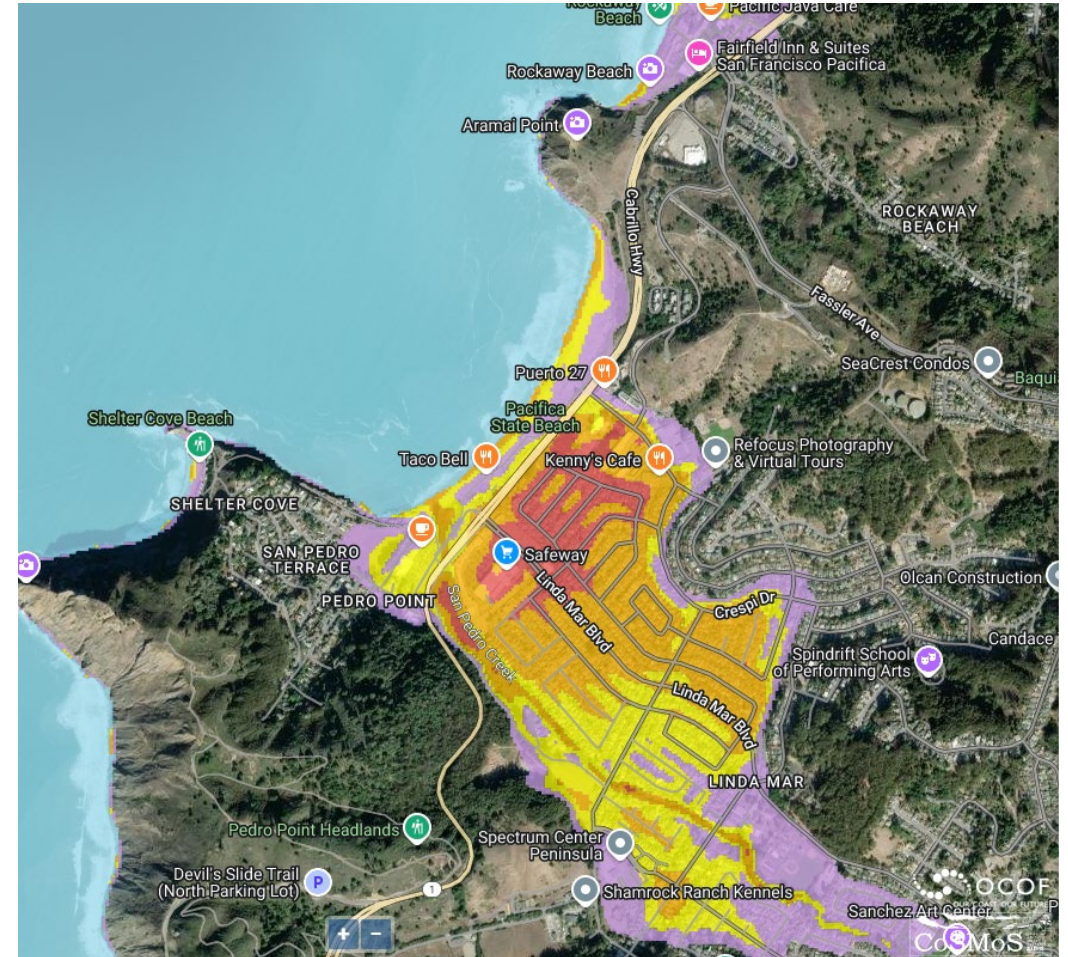




photo: LA Times

Case Study: Magnolia Tank Farm LCPA Huntington Beach ([LCP-5-HNB-24-0003-1](#))

- Rezoning of former industrial site adjacent to State Superfund site (Ascon Landfill) for hotel and residential development
- Concerns around potential for groundwater rise to affect contaminant transport
- Interagency coordination led to mitigation measures protecting public health

Advancing Science & Agency Coordination

- Monitoring and data
- Sea level rise vulnerability assessments
- Adaptation planning
- Coordination at all levels



“Sailing into the Future” by Kevin Zhu