

# City of Oxnard Local Coastal Plan Update

August 9, 2017

6 p.m.-8 p.m.

**VULNERABILITY ASSESSMENT REPORT RESULTS**

**AND**

**ADAPTATION STRATEGIES**

## AGENDA

### Welcome and Introductions (City staff and/or Rincon Project Manager)

- Welcome to City of Oxnard Local Coastal Plan (LCP) Update Progress Meeting
- Purpose:
  - Overview of Oxnard LCP Update
  - Tasks completed
  - Vulnerability Assessment Report completion, presentation
  - Begin adaptation strategies, seek ideas

### Part I. Overview of Oxnard LCP

(5 min)

- California Coastal Act and Local Coastal Plans
- Oxnard Local Coastal Plan
- Sea Level Rise (SLR) needs to be incorporated in LCP Updates
- Coastal Commission and Ocean Protection Council grants
- Oxnard LCP Update tasks complete
  1. Sea Level Rise Mapping and
  2. ESHA Mapping Update
  3. Vulnerability Assessment Report

### Part II. Review of Sea Level Rise (SLR) mapping

(10 min)

- Recommended SLR scenarios for 2030, 2060, and 2100
- SLR is more than increased ocean level, now includes several "Coastal Hazards"

### Part III. Vulnerability Assessment

(20 min)

- For worse-case Coastal Hazard scenario in 2017 (present), 2030, 2060, and 2100:
  1. Critical public infrastructure
  2. Non-critical public infrastructure
  3. Private property
    - Residential
    - Commercial
    - Industrial

- Immediate public safety (evacuation, rescue, recovery)
- Extended periods of temporary housing and businesses
- Structure damage and reconstruction estimates
- Summary map/matrix of major vulnerabilities by each Planning Area

Part IV. Adaptation Strategies (20 min)

- Basic choices are:
  - “Do Nothing” – react/rebuild to storm events, allow coastline to change
  - “Move Up” – raise structures higher, occasionally flooded
  - “Move Back” – managed retreat where feasible
  - “Move Out” – remove from coastal zone entirely
  - “Protect” – protect by:
    - Natural infrastructure (dunes, wetlands, kelp beds, etc.)
    - Coastal armoring (sea walls, groins, etc.)
- Strategies vary by shape of coast, land uses, and vulnerability/risks
- Oxnard has wide beaches, no cliffs to erode, backdunes, and wetlands
- Largely manageable to 2030, some problems between 2030 and 2060
- After 2060, major decisions regarding most vulnerable areas
- First-look strategies by each Planning Area:
  1. McGrath-Mandalay (north of Fifth Street)
  2. Oxnard Shores
  3. Channel Islands Harbor
  4. Ormond Beach

Part V. Discussion (20 min)

- Questions regarding Vulnerability Assessment Report
- Questions on understanding of adaptation strategies
- Suggestions for additional adaptation strategies

Part VI. Next Steps and Schedule (5 min)

- Consolidate all comments
- Prepare Adaptation Report
- Draft Coastal Land Use Plan (LUP) that incorporates and implements:
  - Changes to land use designations
  - Prepare/revise LUP policies regarding:
    - Short- and long-range public works
    - Private development
    - All other Coastal Act topics
  - Changes to Coastal Zoning Chapter 17
- Schedule