

# City of Oxnard LCP

- Required by the California Coastal Act (1976)
- Community's blue print for managing official Coastal Zone
  - *Land Use*
  - *Public Access*
  - *Recreation*

# What is required?

- Achieve consistency with the Coastal Act
  - *Use best available science*
  - *Minimize coastal hazards through planning and development standards*
  - *Maximize protection of public access, recreation, and sensitive coastal resources*
  - *Maximize agency coordination and public participation*
  - *NEW! Anticipate and adapt to sea level rise.*

# Why an LCP Update

- Reflect current best practices for coastal planning
- Coastal Commission LCP Update Guide (2007)
  - *Part 1 – Updating LCP Land Use Plan Policies*
  - *Part 2 – Updating LCP Implementation Plan Procedures*
- Coastal Commission Sea Level Rise Policy Guidance (August 2015)

# Climate Challenges

- Centered Around Sea Level Rise
- Four Coastal Hazards:
  - *Monthly High Tide Inundation*
  - *Beach and Dune Erosion*
  - *Coastal Storm Wave (El Nino event)*
  - *Coastal Storm Flood (El Nino event)*
  - *Combined Hazards (occurring at same time)*
- Four Planning Areas and Area 5: Port Hueneme and County Areas
  - McGrath/Mandalay
  - Oxnard Shores
  - CI Harbor
  - Ormond Beach

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  - *Combined Hazards (occurring at same time)*
- *Tsunami*
- *Storm Drain vulnerability*



# Climate Challenges

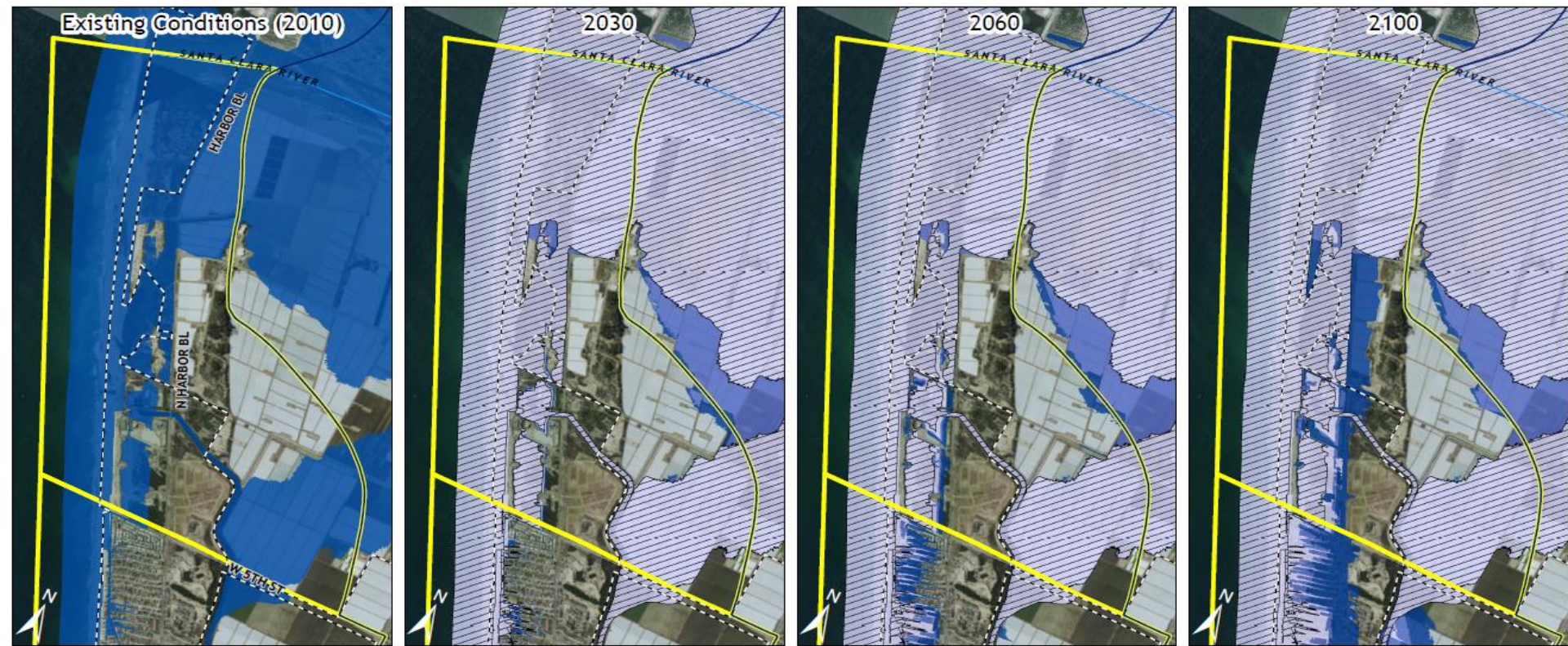


Figure 1.5 - Combined Hazard Zones for Planning Area 1: McGrath / Mandalay Beach

- Coastal Zone Boundary
- - - City Boundary
- City of Oxnard LCP Planning Area
- Adjacent Jurisdictions
- Existing Conditions-Combined

## Modeling Scenario (2030)

- Existing Conditions
- Low (2.3" SLR)
- Moderate (5.2" SLR)
- High (8.0" SLR)

## Modeling Scenario (2060)

- Existing Conditions
- Low (7.4" SLR)
- Moderate (16.1" SLR)
- High (25.3" SLR)

## Modeling Scenario (2100)

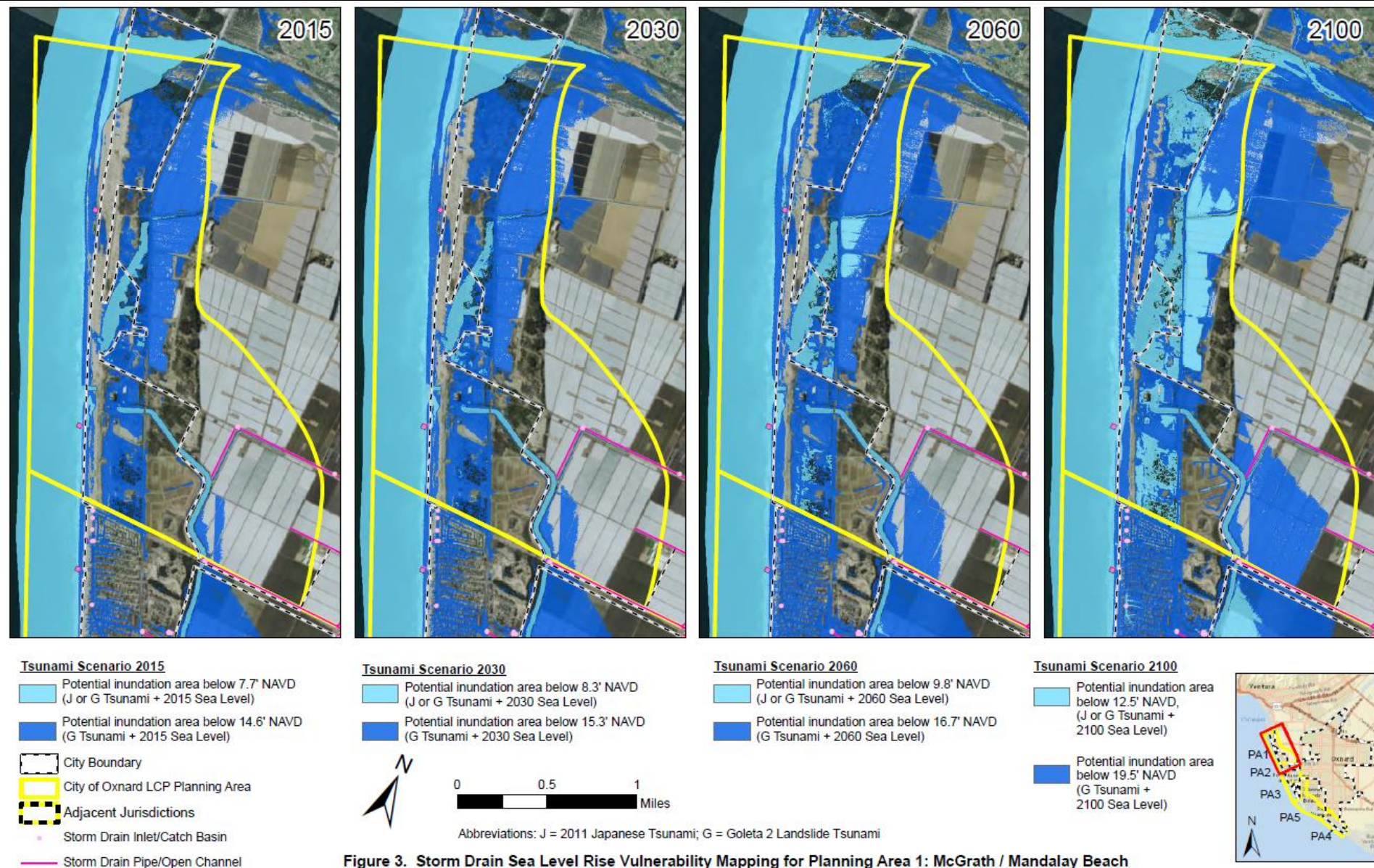
- Existing Conditions
- Low (17.1" SLR)
- Moderate (36.5" SLR)
- High (58.1" SLR)



Modeling results from  
Coastal Resilience Ventura (ESA PWA, 2013)

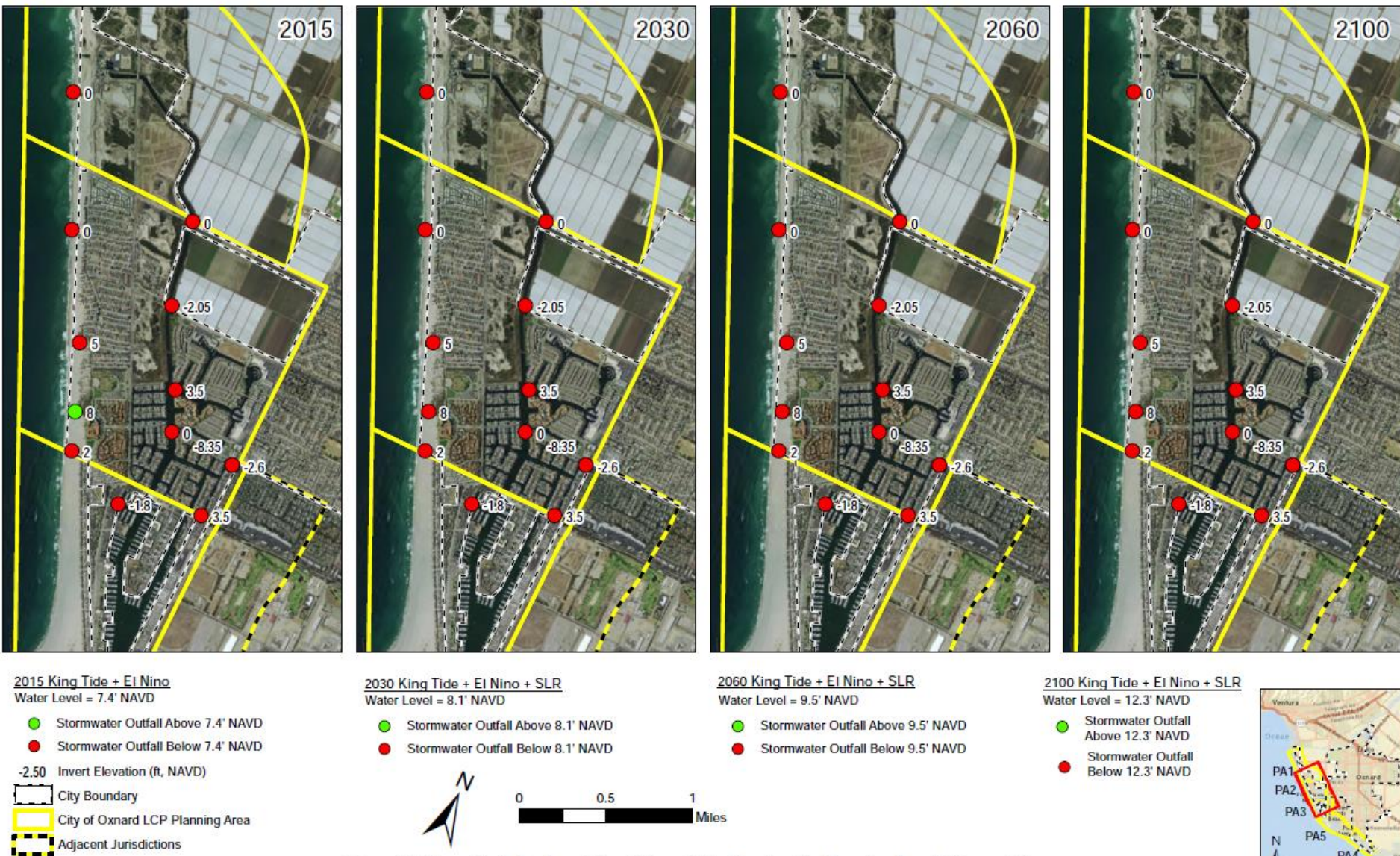


# Climate Challenges





# Climate Challenges





# Next Steps – Resiliency Planning

- Update Coastal Land Use Plan
  - Develop policies accordingly that include adaptation
  - Integrate information from other agencies
- LCP Planning Area Vulnerability Assessments
  - Adaptation Strategies
- Economic Analysis

# Next Steps – Resiliency Planning

- Update Coastal Land Use Plan
  - Develop policies accordingly that include adaptation
  - Integrate information from other agencies
- LCP Planning Area Vulnerability Assessments
  - At Risk Facilities
  - Adaptation Strategies
  - Policy Needs
  - Land Use Changes
  - Economic Impacts