



**COMMUNITY DEVELOPMENT DEPARTMENT**

# **SEA LEVEL RISE ADAPTATION PLAN SUBCOMMITTEE**

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September 24, 2019 Meeting

# Agenda

- A. Process, roles, and outcomes for the Sea-Level Rise Adaptation Plan
- B. Outline of the Adaptation Plan
- C. Interim Development Review Policies
- D. Status of State and Regional Coordination

# SEA-LEVEL RISE ADAPTATION PLAN PROCESS

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See handout

# OUTLINE OF ADAPTATION PLAN

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See handout

# INTERIM DEVELOPMENT REVIEW POLICIES

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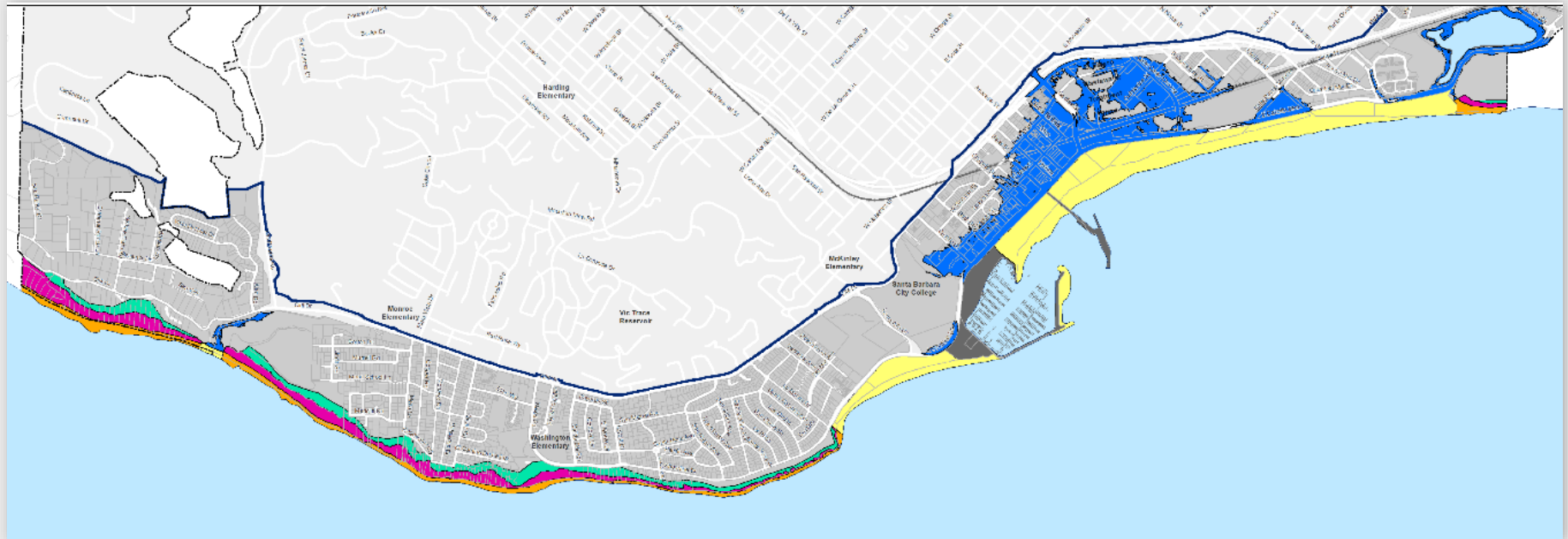
August 2019 Certified Coastal Land Use Plan

# Interim Shoreline Hazards Screening Areas

- Identifies six potential shoreline hazard screening areas factoring in sea level rise
- Shoreline hazards policies interim until SLR Adaptation Plan is complete (~2019)
- Utilizes USGS CoSMoS modeling



# Interim Shoreline Hazards Screening Areas





# Bluff Faces and Bluff Backed Beaches

- Allowed uses
  - Beaches and coastal bluff faces
    - *Limited mostly public uses*
    - *Soft shoreline protection*
    - *Hard shoreline protection subject to conditions*



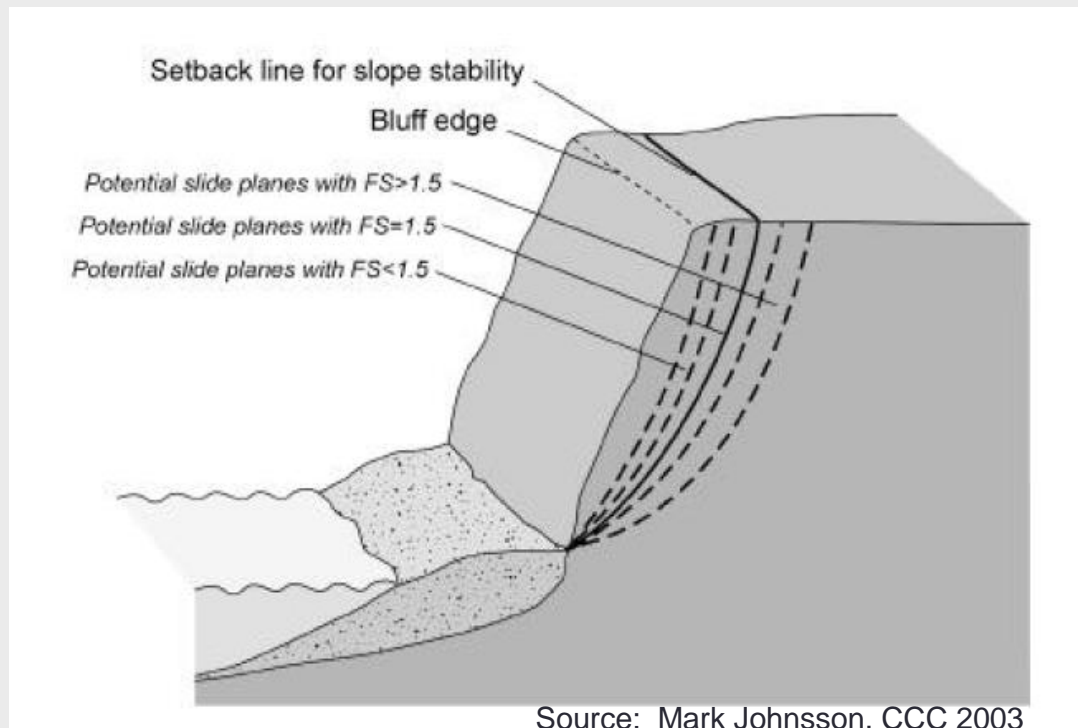


# Coastal Bluff Tops

- Coastal bluff tops
  - *Landscaping and minor, at-grade, easily removable, non-habitable structures*
  - *New development sited landward of Coastal Bluff Edge Development Buffer*
  - *Map coastal bluff edge*



# Coastal Bluff Edge Development Buffer



# Low-Lying Beaches and Backshore

- Uses very limited:
  - *Relocation or reconstruction of existing public structures and public parking lots*
  - *Flood control, pipeline, lifeguard towers, public restrooms, beach nourishment, public access trails and walkways, easily removable recreation equipment*
- New development and substantial redevelopment shall be sited to minimize impacts from beach erosion and wave impacts, factoring in sea level rise.

# Inland Coastal Flood Area

- Inland coastal flooding area
  - *Elevate above base flood elevation consistent with existing regulations and codes*
  - *Do not substantially increase flooding hazard*
  - *Do not create nor contribute significantly to erosion, geologic instability, or destruction of site or surrounding area*



## Shoreline Protection Devices

- Only allowed for existing principles structures, public beaches, and coastal dependent uses.
- Only allowed if avoidance measures such as relocation or removal of at risk structures are determine to be infeasible.

## Shoreline Protection Devices

- Must avoid impacts to lateral access. If impacts can't be avoided mitigation shall be required that provides equivalent lateral access to that portion of shoreline at an alternate location
- Must be designed to eliminate or mitigate adverse impacts on local shoreline sand supply.



# Nonconforming Development

- May be repaired and maintained
- Improvements allowed: Seismic safety, ADA, or responses to Order of Building Official
- Other alterations and additions shall not increase any existing structure/site development nonconformance
- Substantial redevelopment is considered new development that must conform to the LUP

## Two Definitions of Substantial Redevelopment

In Shoreline Hazards Screening  
Areas subject to erosion and  
creek buffer areas



Not in those areas



# STATUS OF STATE AND REGIONAL COLLABORATION

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# Status of State and Regional Collaboration

- Regional Sea-Level Rise Collaboration
  - SBCAG Multi-Modal Transportation Network Vulnerability Assessment
  - Santa Barbara County Safety Element Update
    - Climate Change Vulnerability Assessment
    - Adaptation Plan
- Santa Barbara County Climate Collaborative
- State Level:
  - Ocean Protection Council
  - Office of Planning and Research
  - Legislative Analysts Office
  - Regulatory: CCC, RWQCB, etc.