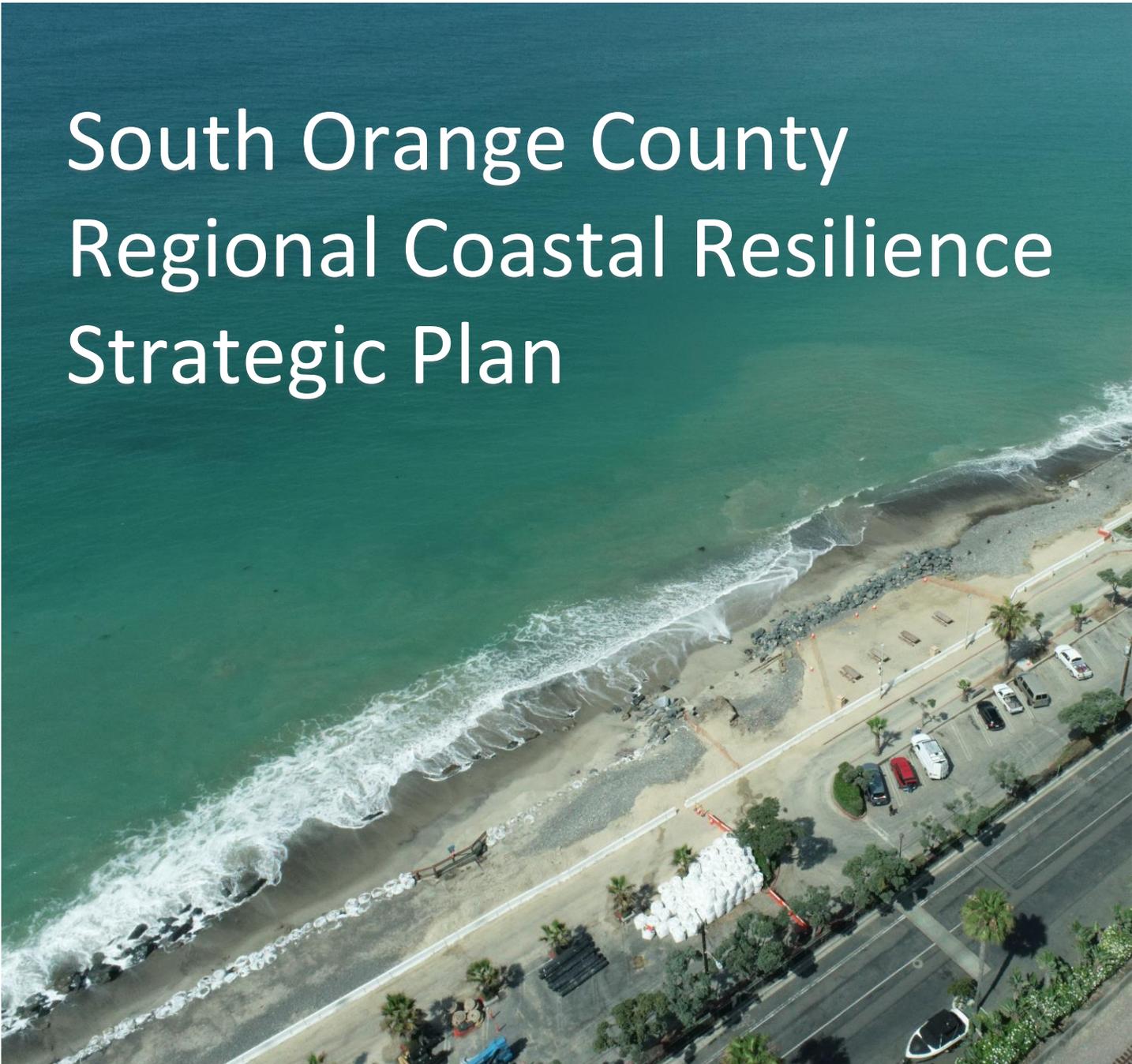


# South Orange County Regional Coastal Resilience Strategic Plan

An aerial photograph of a coastal area. The top half shows the ocean with waves breaking onto a sandy beach. Below the beach is a paved parking lot with several cars and a white van. To the right of the parking lot is a road with palm trees and other vegetation. The bottom half of the image is a solid teal color.

## STAKEHOLDER ENGAGEMENT PLANNING MEETING

Monday, December 13, 2021  
1:30 PM - 3:00 PM

Cyprus Shore Community Clubhouse



## **Agenda**

### **South Orange County Regional Coastal Resilience Strategic Plan**

#### **Stakeholder Engagement Planning Meeting**

**Monday, December 13, 2021**

**1:30 PM - 3:00 PM**

#### **Cyprus Shore Community Clubhouse**

3922 Calle Ariana  
San Clemente, CA 92672

1. Welcome – Lisa Bartlett, Orange County Supervisor, 5<sup>th</sup> District
2. Guest Introductions – All
3. Background and Project Goals – Natalia Gaerlan, OC Parks Planning and Design Division Manager
4. Regional Strategic Plan, Next Steps, and Action Items – David Cannon, Principal Engineer, Anchor QEA
5. Roundtable – Lisa Bartlett, Orange County Supervisor, 5<sup>th</sup> District
6. Closing – Lisa Bartlett, Orange County Supervisor, 5<sup>th</sup> District

# **SOUTH OC REGIONAL COASTAL RESILIENCE STRATEGIC PLAN**

OC Parks was awarded a grant from the CA Natural Resources Agency – Ocean Protections Council for \$214,500 to lead a regional planning effort to address coastal concerns. The grant amount covers the consultant fee to organize and manage the planning effort, including research, technical analysis, conceptual designs, and construction cost estimates.

The South Orange County Regional Coastal Resilience Strategic Plan will develop a regional, collaborative strategic plan to facilitate the implementation of regional shoreline management activities to address chronically eroding shorelines in the southern portion of Orange County. The plan will include regional coastal assessments and identify priority projects and potential funding sources. The plan will apply the best available science and incorporate adaptation pathways for projected sea level rise of 3.5 feet by 2050.

The process will begin with stakeholder engagement. A Governance Advisory Team will be created and include relevant public agencies that will provide input on governance issues related to the plan development and implementation. A public stakeholder group will also be created and can include various districts, property owners' associations, institutions, and nongovernmental organizations. Finally, tribal engagement will be conducted outside of the other stakeholder meetings.

## **Project Goals**

- Create a strategic plan to facilitate the implementation of regional shoreline management activities and projects
- Address chronically eroding shorelines along Southern Orange County

## **Location and Issues**

- Southern Orange County coast
- Coastal concerns include bluff instability, beach erosion, sea level rise, lack of sediment delivery to the coast, and increased storminess

## **Consultant – Anchor QEA**

- Anchor QEA to lead the regional strategic plan
  - Review and evaluate existing environmental, economic, physical, and regulatory data

- Lead stakeholder meetings
- Conduct economic analysis of proposed ideas
- Research governance models and funding mechanisms

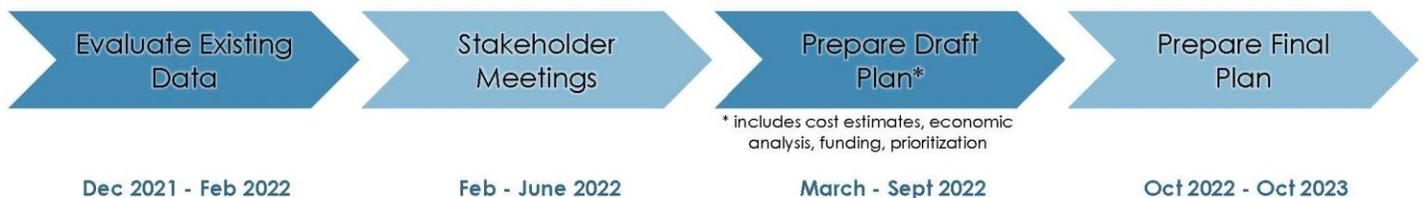
### Stakeholder Involvement

- Governance Advisory Team will be created
- Additional meetings will be held with property owners' associations, nongovernmental organizations, educational institutions, and tribal representatives

### Final Report

- The plan is expected to be completed late 2023. Final report will include:
  - Data analysis
  - List of priority projects
  - Schedule for phased implementation
  - Economic analysis memo
  - Summary of governance structure
  - Funding opportunities
  - Operational Tactics

## Project Timeline





## South Orange County Regional Coastal Resilience Strategic Plan

### Stakeholder Engagement Planning Meeting Survey

1. Has your organization prepared a Sea Level Rise Vulnerability Assessment?
  - a. Yes
  - b. No
  
2. Has your organization prepared a Sea Level Rise Adaptation Plan?
  - a. Yes
  - b. No
  
3. What are the top **historical/current** threats to your property or asset?
  - a. Bluff stability
  - b. Beach erosion
  - c. Sea level rise
  - d. Lack of sediment delivery to the coast
  - e. Increased storminess
  - f. Other: \_\_\_\_\_
  
4. What are the top causes of **historical/current** threats to your property or asset?
  - a. Coastal development
  - b. Sea level rise
  - c. Reduction in sediment delivery to the coast
  - d. Changes in wave height, frequency, & direction
  - e. Other: \_\_\_\_\_
  
5. What are the top **future** threats to your property or asset?
  - a. Bluff stability
  - b. Beach erosion
  - c. Climate change
  - d. Inability to protect
  - e. Other: \_\_\_\_\_
  
6. What are the top causes of **future** threats to your property or asset?
  - a. Coastal development
  - b. Projected sea level rise
  - c. Reductions in coastal sediment delivery
  - d. Changes in wave height, frequency, & direction
  - e. Other: \_\_\_\_\_

7. What remedial measures were identified to address the threats to your property or asset?
- a. Bluff stabilization
  - b. Placement of riprap on emergency basis
  - c. Engineered rock revetment
  - d. Seawall
  - e. Beach nourishment without sand retention structures
  - f. Beach nourishment with sand retention structures
  - g. Relocation/realignment (i.e., "managed retreat")
  - h. Do nothing (i.e., accept/accommodate threats)
  - i. Other: \_\_\_\_\_

8. Do you have any construction projects planned to protect your property or asset?
- a. Yes
  - b. No

If yes, please provide a brief description and when you expect to complete construction.

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9. Rank obstacles (with '1' being the highest) to implementing sea level rise adaptation remedial measures.
- a. \_\_\_\_ Ability to obtain funding
  - b. \_\_\_\_ Ability to obtain permits
  - c. \_\_\_\_ Lack of leadership/coordination/political will
  - d. \_\_\_\_ Availability of technical information
  - e. \_\_\_\_ Lack of understanding of coastal processes
  - f. \_\_\_\_ Lack of understanding regarding remedial measures performance
  - g. \_\_\_\_ Other (please identify & describe)

10. What other organizations should be considered for participation in this regional stakeholder group? Please provide contact information if you have it.

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Comments/Questions:

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Comments/Questions:

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