

SANTA CRUZ COASTAL LAGOONS & EAST CLIFF DRIVE RESILIENCY PLAN DRAFT SURVEY QUESTIONS

About the Project

Santa Cruz County Parks is preparing the Santa Cruz Coastal Lagoons and East Cliff Drive Resiliency Plan, which will assess sea level rise and coastal hazards risks along East Cliff Drive and Schwan, Corcoran and Moran Lagoons and will evaluate adaptation options to improve the resiliency of local infrastructure, public access, and natural habitats.



Above: Study Area (red box), east of the City of Santa Cruz

Right: Study Area includes Schwan Lagoon, Corcoran Lagoon, Moran Lagoon, and 1.5 miles of East Cliff Drive



About the Survey

Our focus in this survey is to better understand how residents, visitors, and tourists use Schwan, Corcoran, and Moran Lagoons and their associated beaches and trails, as well as East Cliff Drive. We will ask you some questions about how yourself, where you live, whether you visit Schwan, Corcoran and/or Moran Lagoons and whether you use East Cliff Drive and how you envision improving the resiliency of these areas in the future. Your responses will help inform which adaptation options are analyzed as a part of this study. This survey takes approximately 10 minutes to complete. Your participation is voluntary and all responses are anonymous.

Study authors may be contacted via email at: Zane.Mortensen@santacruzcountyca.gov

General Awareness and Perception of SLR

1. How familiar are you with potential sea level rise impacts in Santa Cruz County?
 - Very familiar
 - Familiar
 - Somewhat familiar
 - Not familiar at all

2. How concerned are you about sea level rise impacts in Santa Cruz County in the near-term (i.e., 2026-2050)?
 - Very concerned
 - Concerned
 - Somewhat concerned
 - Not concerned at all

3. How concerned are you about sea level rise impacts in Santa Cruz County in the mid-term (i.e., 2050-2075)?
 - Very concerned
 - Concerned
 - Somewhat concerned
 - Not concerned at all

4. How concerned are you about sea level rise impacts in Santa Cruz County in the long-term (i.e., 2075-2100)?
 - Very concerned
 - Concerned
 - Somewhat concerned
 - Not concerned at all

5. What specific impacts do you believe sea level rise could have in Santa Cruz County? (Check all that apply)
 - Coastal erosion
 - Flooding of low-lying areas
 - Damage to infrastructure (roads, bridges, utilities)
 - Loss of public beaches or recreation areas
 - Changes to water supply sources (wells, rivers)
 - Impacts on agriculture
 - Impacts on local wildlife and ecosystems

- Harmful to local economy
- I don't know / not sure
- Other (please specify) _____

6. Which of the following statements most closely represents your opinion about how we should respond to coastal erosion hazards?

- We should avoid the hazards and relocate vulnerable infrastructure and development
- We should accommodate hazards by elevating existing development on the coast
- We should repair and clean up after storm events
- We should add more sand to the beach to provide a buffer
- We should protect with nature-based engineering solutions to hold the shoreline in place
- We shouldn't do anything
- Other – write in _____

Input about the Project Site

7. What is your main motivation for visiting the lagoon areas or this part of East Cliff Drive?

- Birdwatching and/or tide pooling
- Open water activities (SUP, kayak, outrigger, etc)
- Creating art (photography, painting, drawing, etc.)
- Relaxing / spending time with friends and family
- Exercising (dog walking, running, biking, swimming)
- Surfing or bodyboarding
- Fishing or foraging
- Passing through

8. How often do you visit or use the lagoon/beach areas or East Cliff Drive?

- Daily
- Weekly
- Monthly
- A few times a year
- Rarely / never

9. Which area do you visit most often?

- Moran Lagoon and beach
- Schwan Lagoon and beach
- Corcoran Lagoon and beach
- East Cliff Drive (passing through)

10. What is your connection to the lagoons and East Cliff Drive? (Select all that apply)

- I live near there
- I work near there
- I own residential and/or commercial property near there
- I visit/recreate there
- I travel or commute through there
- I am part of an organization that has interests there

11. What do you value most about the lagoons and East Cliff Drive? (Please rank in order from most to least important)

- Visiting the beach
- Access to the ocean or lagoon
- Wetland habitat and wildlife
- Travel along East Cliff Drive
- Trail system for walking, running, or cycling
- Other (please specify)

12. When thinking about the future of the lagoons and East Cliff Drive, which of the following is most important to you? (Please rank in order from most to least important)

- Protecting public infrastructure (roads, utilities)
- Maintaining beach and coastal access
- Protecting natural habitats and ecosystems
- Cost and feasibility of solutions
- Preserving the character and appearance of the area
- Ensuring equitable access for all community members

13. How supportive are you to changes to East Cliff Drive and the lagoons (such as realignment, elevation, or partial removal) to address flooding and sea level rise?

- Strongly supportive
- Somewhat supportive
- Neutral
- Somewhat opposed
- Strongly opposed
- I don't have enough information to say

14. Which of the following approaches would you support to address flooding and sea level rise on East Cliff Drive and the lagoons? (Select all that apply)

- Protect East Cliff Drive with coastal barriers (such as rocks or levees)
- Elevating the road at the existing location
- Relocate infrastructure (such as utilities and roads) inland
- Reroute or remove portions of East Cliff Drive near the lagoons
- Use natural features (such as dunes) for protection
- Restore wetlands to absorb flooding and reduce coastal erosion
- Take no action at this time
- Other (please specify)

15. Is there anything else you would like to share about sea level rise adaptation along East Cliff Drive at Schwan, Corcoran, and Moran Lagoons? For example, concerns, priorities, or approaches not covered in this survey. If you have comments specific to a location, please indicate that. (write-in)

Preferred Communication Channels

16. Where do you currently get most of your information about sea level rise and coastal changes?

- Local government communications
- Local news outlets (e.g., TV, newspapers, radio)
- Social media (e.g., Facebook, Instagram, Nextdoor)
- Environmental organizations (e.g., nonprofits, advocacy groups)
- Friends, family or community members
- Other (please specify)
- I don't currently seek out information about sea level rise or coastal changes

17. How would you prefer to receive information about sea level rise and local resiliency efforts? (Select all that apply)

- Local government communications (e.g., county or city websites, newsletters)
- Local news outlets (such as radio, TV, newspapers) (e.g., TV, newspapers, radio)
- Social media (e.g., Facebook, Instagram, Nextdoor)
- Community meetings or public events

- Newsletters or mailers
- Dedicated website or online portal
- Text alerts or email notifications
- N/A, I would prefer not to receive information about sea level rise or local resiliency efforts

Demographics

The following questions are optional. To help ensure this survey represents the full diversity of our community, we invite you to share a few demographic details. All responses are completely anonymous and will only be used in aggregate.

1. Select your age range.

- 0-10
- 11-20
- 21-30
- 31-40
- 41-50
- 51-60
- 61-70
- 71 and above

2. Which racial and ethnic groups do you identify with? (select all that apply)

- American Indian or Alaska Native
- Black or African American
- Asian
- White
- Hispanic Latino or Spanish Origin
- Middle Eastern or North Africa
- Native Hawaiian or Other Pacific Islander
- Another race or ethnicity not listed above (Write-in) _____

3. What is your primary language spoken at home?

- English
- Spanish
- Portuguese
- French
- Mandarin
- Filipino
- Japanese

- Other
4. Where do you live and/or work in Santa Cruz County? (Select all that apply)
- I live in the immediate area (Twin Lakes, Pleasure Point, Live Oak, Seabright)
 - I live in the surrounding mid-County area (City of Santa Cruz, City of Capitola, Soquel)
 - I live outside of the mid-County area (North County, San Lorenzo Valley, Watsonville, South County)
 - I work in the immediate area (Twin Lakes, Pleasure Point, Live Oak, Seabright)
 - I work in the surrounding mid-County area (City of Santa Cruz, City of Capitola, Soquel)
 - I work outside of the mid-County area (North County, San Lorenzo Valley, Watsonville, South County)
 - I do not live or work in Santa Cruz County
5. What mode of transportation do you use to access East Cliff Drive and the lagoons? (Select all that apply)
- Car
 - Bus
 - Bike
 - Walk
 - Other
6. What category best describes your connection to Santa Cruz County? (Select one)
- Full time resident
 - Seasonal resident
 - Visitor
 - Work-related visitor
 - Event-related visitor
 - Domestic tourist
 - International tourist
 - Former resident