



RESILIENT COAST SANTA CRUZ 2.0

SHORELINE ADAPTATION MANAGEMENT PLANS

COMMUNITY CONVERSATION OPEN HOUSE 1

EXISTING + FUTURE CONDITIONS DATA SOURCES

- EXISTING FLOODING (100-YEAR STORM); FUTURE FLOODING, EROSION + RISING GROUNDWATER PROJECTIONS: Barnard, P.L., Erikson, L.H., Foxgrover, A.C., Limber, P.L., O'Neill, A.C., and Vitousek, S., 2018, Coastal Storm Modeling System (CoSMoS) for Central California, v3.1 (ver. 1g, December 2020): U.S. Geological Survey data release, <https://doi.org/10.5066/P9NUO62B>.
- HISTORICAL EROSION RATES + EXISTING CONDITIONS OF COASTAL INFRASTRUCTURE: City of Santa Cruz. 2019. West Cliff Drive Adaptation and Management Plan: Existing Conditions Inventory and Future Vulnerability Assessment.
- EXISTING + FUTURE CONDITIONS OF HABITATS AND ECOSYSTEMS: City of Santa Cruz. 2025. Living Shorelines, Nature Based Solutions and Sand Management Feasibility Study Report.
- EXISTING + FUTURE CONDITIONS OF SURF BREAKS: Save the Waves Coalition. 2025. Climate Vulnerability of California's Natural Surfing Capital: Insights on Surfnomics and Surf Break Vulnerability from Santa Cruz for Local and Statewide Consideration.