

Draft Scope of Work and Budget

OPC SB 1 Sea-Level Rise Adaptation Planning Grant Proposal

Project Overview

The City of Capitola is pursuing grant funding through the Ocean Protection Council's SB 1 Sea-Level Rise Adaptation Planning Grant Program to update the City's 2017 Sea-Level Rise Vulnerability Assessment and prepare a Sea-Level Rise Adaptation Plan.

The 2017 assessment provided an initial evaluation of Capitola's vulnerability to coastal hazards such as sea-level rise, storm surge, flooding, and erosion. However, since that time, state guidance has been updated, and new regulatory requirements now require jurisdictions within the coastal zone to adopt a sea-level rise adaptation plan by 2034. This project will allow the City to meet these new requirements, while positioning Capitola for future resilience funding and project implementation.

The work will be coordinated with the City's ongoing Climate Action Plan (CAP) update to ensure alignment across climate planning efforts. Technical work will be led by the University of California, Santa Cruz (UCSC), with adaptation strategy development, public engagement, and preparation of the final plan conducted by a separate adaptation consultant team.

Proposed Scope of Work

Task 1 — Project Management and Coordination

- Grant administration, consultant oversight, agency coordination.
- Coordination with OPC, California Coastal Commission, and other agencies.
- Ongoing project meetings, invoicing, and quarterly progress reporting.

Task 2 — Vulnerability Assessment Update

- Update the 2017 Vulnerability Assessment to fully comply with OPC's 2024 Sea-Level Rise Guidance.
- Incorporate updated sea-level rise projections through 2150 (3.3 ft, 4.9 ft, and 6.6 ft scenarios).
- Conduct updated hazard mapping and modeling for coastal flooding, wave run-up, storm surge, fluvial flooding, bluff erosion, and groundwater rise.
- Compile and refine technical data including LiDAR topography, updated shoreline erosion rates, Soquel Creek modeling, CoSMoS Adapt data, FEMA floodplain updates, and City infrastructure inventories.
- Apply the exposure, sensitivity, and adaptive capacity framework across all OPC core sectors.
- Expand sector assessments to include:
 - Tribal cultural resources
 - Archeological and paleontological resources

- Scenic and visual resources
- Socioeconomic vulnerability

Task 3 — Adaptation Strategy and Implementation Framework

- Identify and map priority adaptation areas based on the updated vulnerability assessment results.
- Develop adaptation strategies for identified priority areas, organized by sector and timeframe.
- Prepare phased adaptation pathways with defined triggers for implementation.
- Develop a preliminary monitoring strategy to track conditions that would trigger future adaptation actions.
- Prepare an implementation and funding framework identifying regulatory pathways and potential funding sources to support adaptation measures.

Task 4 — Community Engagement and Tribal Engagement

- Prepare a Community Engagement Plan coordinating with the City's CAP update to reduce outreach fatigue.
- Conduct two public workshops at key project milestones:
 - First workshop following the vulnerability assessment to gather input on priority adaptation areas.
 - Second workshop following draft adaptation pathways to gather feedback on strategies and triggers.
- Conduct a community-wide survey to inform vulnerability assessment and adaptation strategies.
- Coordinate with existing City public forums for additional engagement opportunities.
- Conduct Tribal engagement consistent with AB 52 and SB 18, inviting participation from the Amah Mutsun Tribal Band and other interested Tribes.
- Prepare engagement summaries documenting public and Tribal input.

Task 5 — Adaptation Plan Development and Final Documentation

- Prepare a Draft Sea-Level Rise Adaptation Plan incorporating technical analysis, community input, adaptation pathways, monitoring, and funding strategies.
- Finalize Adaptation Plan following Coastal Commission and agency feedback.
- Present final Adaptation Plan to the City Council for consideration.

Draft Budget Estimate

Task	Description	Estimated Cost
Task 1	Project Management & Reporting	\$30,250
Task 2	UCSC Vulnerability Assessment (technical analysis)	\$177,750
Task 3	Adaptation Strategy Development (UCSC + Consultant)	\$112,000
Task 4	Community Engagement & Tribal Engagement	\$63,000
Task 5	Adaptation Plan Development	\$31,500
Total		\$414,500