

Project Description

**LONG-TERM ADAPTATION PLAN**

**Lead Department:** Public Works                                      **Project Type:** Sea Level Rise Adaptation  
**Project Summary:** Develop a Long-term Adaptation Plan for the San Leandro Operational Landscape Unit (Bay Bridge touchdown to Oyster Bay)  
**CIP No.:** C71400                                      Bridge touchdown to Oyster Bay)

**Project Description:**

This project funds the development of a Long-term Adaptation Plan in coordination with the San Leandro Bay/Oakland-Alameda Estuary Adaptation Working Group, and includes financial support for Community-based Organizations (CBOs) and a Scientific Advisor.

The Working Group is a coalition of shoreline communities working to coordinate flood and adaptation projects, and to protect and restore water and air quality, habitat and community resilience. The Working Group is organized around the San Leandro operational landscape unit (OLU) as defined in the SFEI San Francisco Bay Shoreline Adaptation Atlas, which stretches from the Bay Bridge touchdown to Oyster Bay, and includes jurisdictions, agencies and CBOs that have an interest in the OLU, as well as regional and state collaborators.

The shoreline is vulnerable to coastal inundation, liquefaction and rising groundwater and contamination as a result of rising sea levels. The plan will protect shoreline communities from expected sea level and groundwater rise, enhance transportation and recreation corridors and bay access, reduce flood exposure, create or restore marsh, upland and transitional habitat with nature-based solutions, improve air quality and reduce climate risks to shoreline communities throughout the San Leandro (OLU) and will use a decision-making process to ensure the voices of all stakeholders are heard.



**Results from 2021-2023:**

The City of Alameda worked with communities and organizations to establish the Working Group, and solicited proposals to develop a Long-term Adaptation Plan.

**Future Years**

The Long-term Adaptation Plan is being developed with two other adaptation projects: 1) Oakland-Alameda Estuary Adaptation Project; 2) Bay Farm Island Adaptation Project. These three adaptation projects are expected to take up to three years with completion expected in 2025.

Project Funding	
Fund	FY 23-24
National Fish and Wildlife Foundation Grant	\$540,000
San Francisco Estuary Partnership Grant	\$300,000
<b>Total 2023-25</b>	<b>\$840,000</b>