

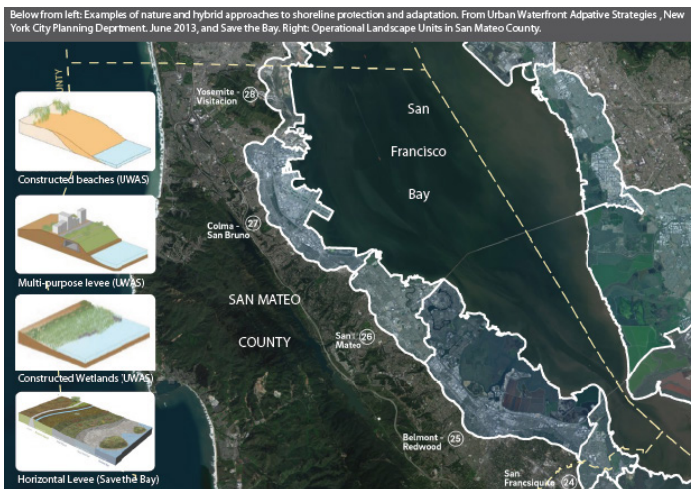
BUILDING A FRAMEWORK FOR LOCAL ACTION ON SEA LEVEL RISE PREPAREDNESS AND ADAPTATION IN SAN MATEO COUNTY

San Mateo County's Sea Change program is now in the Planning Phase of their climate preparedness action plan. As part of this phase, the County would like to develop a stakeholder driven, science-based framework for local action on sea-level rise preparedness and adaptation. San Mateo County has partnered with the San Francisco Estuary Institute and the Natural Capital Project of Stanford University to develop a framework that provides guidance and a standardized process for San Mateo County cities to explore and evaluate different future visions for their Bay shoreline.

Exploring the use of nature-based strategies for sea level rise adaptation is a priority for the County, and this work will focus specifically on identifying the feasibility of nature-based strategies along the Bayshore and in developing methods for evaluating the trade-offs of hardened versus natural (and hybrid) approaches to shoreline protection.

Area Map

San Mateo County Bay Shore



Timeline

Through November 2018.

Partners

San Mateo County Sea Change Program, San Francisco Estuary Institute (SFEI), and The Natural Capital Project of Stanford University.

Funding

Funded by the Gordon and Betty Moore Foundation.

Results

This project has several main components and the work to date has focused on delineating planning units within San Mateo County, building on SFEI's Operational Landscape Unit (OLU) framework that groups locations based on similarities. Upcoming work will focus on identifying sea level rise adaptation measures that may be feasible in different OLUs and developing an approach to evaluate trade-offs between different options.



SAN MATEO COUNTY STAKEHOLDERS PLAYING THE GAME OF FLOODS TO LEARN ABOUT THE TRADE-OFFS ASSOCIATED WITH SEA LEVEL RISE ADAPTATION.