



## Marin Bay Waterfront Adaptation Vulnerability Evaluation (BayWAVE)



The State Coastal Conservancy provided funding and technical assistance to Marin County to develop a bayshore sea-level rise vulnerability assessment. Marin County ranks second of the nine Bay Area Counties for projected risk of impacts from sea level rise flooding and storms, with potential losses of \$8.5 billion worth of buildings and contents on the bay shoreline. The project inventoried all assets along the county's bayshore vulnerable to six different sea level rise scenarios (up to 60 inches plus a 100-year storm surge), evaluated the vulnerability of impacted assets, created profiles for each city within Marin County, as well as each asset type (e.g. Recreation), and developed adaptation fact sheets and a memorandum on the outcomes of the county's sea level rise adaptation demonstration projects. The final Marin BayWAVE vulnerability assessment draft was accepted by the Marin County Board of Supervisors in June of 2017. The county also has community engagement and outreach programs working in conjunction with the vulnerability assessment, including the Here-Us-Now "OWL" Virtual Reality Project, "Game of Floods" public education activity on sea level rise adaptation, and the Youth Exploring Sea Level Rise Science (YESS) program. Marin County is also coordinating with San Mateo County, which is also completing a sea-level rise vulnerability assessment funded by the Conservancy.



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