

THE PORT OF SAN FRANCISCO AND

SEA LEVEL RISE

THE PORT OF SAN FRANCISCO protects 7½ miles of shoreline that is home to some of the region's most popular open spaces, attractions, a national historic district, hundreds of small businesses, nearby housing, maritime and industrial uses. The Port's jurisdiction also includes important regional and citywide assets, including transportation networks like BART and Muni, critical utilities including drinking and wastewater, and key emergency response facilities.

EDUCATION AND OUTREACH

THE PORT ENGAGES the public about sea level rise, flooding, and tides. You can see examples of engagement near Brannan Street Wharf with tidal markers that move with the tides and at Pier 14, which has sea level rise markers along the elevations of the Pier.



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WATERFRONT SEA LEVEL RISE PLANNING

IN RECOGNITION OF the Port's critical role in creating a sustainable and resilient waterfront, the Port Commission requires that every project consider current and future flooding. This innovative approach has led to sea level rise adaptation along the waterfront including:

Brannan Street Wharf, opened in 2013, increased flood protection and has capacity to be raised in the future.

The new **Downtown Ferry Terminal Expansion Project**, under construction now, designed for three feet of sea level rise and has capacity to be raised in the future.

Fire Station 35 at Pier 22-1/2, soon to be under construction, will be the first floating building on the waterfront.

The Port is also undertaking several large-scale projects and policy efforts to reduce flood risk, including the Seawall Earthquake Safety Program. The Seawall Program's adaptive framework includes three elements: Strengthen, Adapt and Envision.



HOUSING, EQUITY, AND ENVIRONMENTAL STEWARDSHIP

THE PORT AND THE CITY are working together to effectively, equitably, efficiently and ecologically increase the resilience of San Francisco, its communities, businesses and natural and built assets in all sea level rise planning. This includes addressing the City's need for more residential units while ensuring those units are built to withstand future water levels.

Pier 70 will deliver up to 3,000 residential units and nine acres of parks. The project will provide significant sea level rise protections such as elevating the site and buildings to accommodate 66 inches of sea level rise and designing the shoreline with terracing and natural buffers. The project will generate an estimated \$88M to be used for Port-wide sea level rise adaptation.

Just north from Pier 70, **Mission Rock** and **Pier 48** will create new homes, raise the site to withstand 66 inches of sea level rise, and transition China Basin Park to allow flooding in low-lying park areas. The project establishes an ongoing Shoreline Protection revenue stream.

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