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# U.S. ARMY CORPS OF ENGINEERS/ PORT OF SAN FRANCISCO

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# FLOOD STUDY

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THE U.S. ARMY CORPS OF ENGINEERS (USACE) AND THE PORT OF SAN FRANCISCO have partnered to study flood risk along San Francisco's bayside shoreline. The USACE/Port Flood Study is one of several coordinated waterfront resilience activities being undertaken in partnership with federal, state, and local agencies to plan for anticipated seismic activity, flooding, and sea level rise. The approximately three- to five-year Flood Study will identify vulnerabilities and recommend strategies to reduce current and future flood risks for consideration by the Assistant Secretary of the Army and the U.S. Congress for federal investment and implementation.

## FLOODING IN MISSION BAY

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FLOODING FROM SEA LEVEL RISE has the potential to impact life in the Mission Bay neighborhood. Today, stormwaters flood the Mission Creek area. As sea levels continue to rise, there will be increased flood risks, particularly along the shoreline, including to Muni and key utility infrastructure. Flooding could disrupt local commercial corridors, commutes and transit options, parks and open spaces, emergency services, and hospitals and healthcare centers, posing serious challenges to the Mission Bay neighborhood and the city as whole. The Flood Study is an important opportunity to develop strategies and solutions to strengthen the waterfront's resilience in a way that protects life safety, as well as the assets, resources, and infrastructure that are most valued by those who live, work, and recreate in the neighborhood.

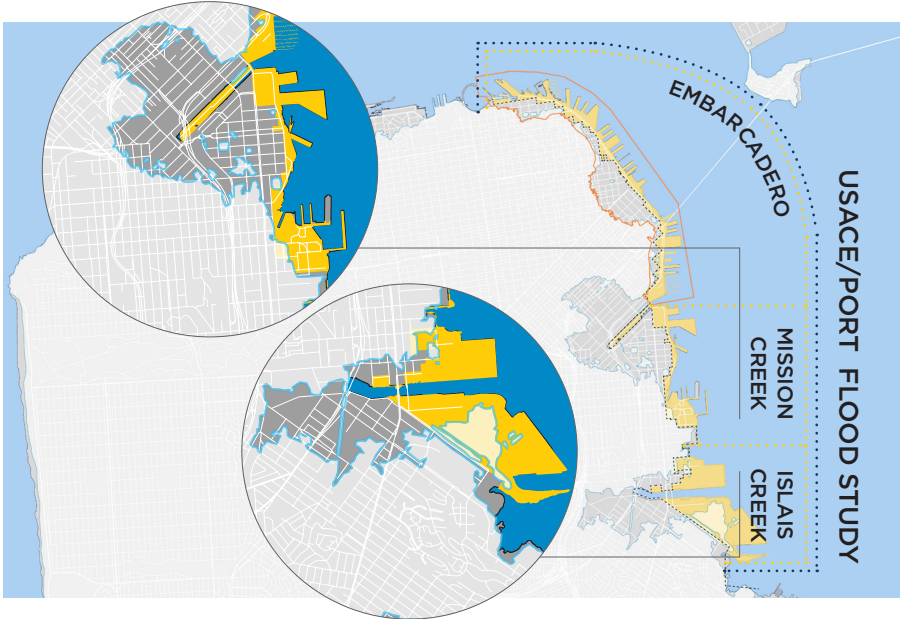
## USACE/PORT FLOOD STUDY GOALS

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- **Better understand current and future flood risk** along San Francisco's bayside shoreline
- **Identify alternatives** to reduce flood risk
- **Engage the public and other stakeholders** to identify priorities for the Flood Study
- **Create opportunities** for funding for flood risk reduction projects



## GEOGRAPHIC AREA OF THE FLOOD STUDY



THE STUDY AREA IS THE PORT JURISDICTION. THIS AREA WAS DETERMINED TO HAVE THE MOST LIKELY FEDERAL INTEREST DUE TO THE CONCENTRATION OF PEOPLE AND CRITICAL INFRASTRUCTURE AT RISK

**EMBARCADERO SEAWALL** flooding threatens key utility and transportation infrastructure including BART, Muni, and ferry networks, critical emergency response and recovery areas as well as economic assets generating over \$100 billion in annual economic activity.

**MISSION CREEK** is already experiencing flooding from stormwater and is at risk for severe flooding. As flooding becomes increasingly common and widespread, homes could be directly impacted, as well as key citywide assets such as transportation infrastructure, hospitals, and response facilities and routes.

**ISLAIS CREEK** will experience increased flood risk that could impact transportation and commutes for Bayview residents as well as emergency response and utilities.

## KEY FLOOD STUDY MILESTONES TIMELINE\*

FALL 2018	USACE Commences Feasibility Study
FALL/ WINTER 2018/2019	USACE and Port Determine Study Area and Scope
WINTER 2018/2019	Port and USACE Engage Key City and Resource Agency Stakeholders
WINTER 2018/2019	USACE and Port Determine Flood Measures and Alternatives to Study
2019	Port and USACE Kickoff Community Outreach Including Community Meetings in three geographic locations: • <b>Embarcadero Seawall</b> • <b>Mission Creek</b> • <b>Islais Creek</b>

\*Study schedule to be determined, expected to be between three to five years

**WE WANT TO HEAR FROM YOU!** It is key that local priorities shape future projects. For more information or to receive updates about the Flood Study, please contact [Lindy.Lowe@sfport.com](mailto:Lindy.Lowe@sfport.com).