

FLOOD/SEA LEVEL RISE - RESILIENT SOUTH CITY



Collect and Connect - Resilient South City is a proposal to create more public green space and continuous public access along South San Francisco's Colma Creek, aiming to reduce the impacts of flooding, mitigate against sea-level rise vulnerability, restore native flora and fauna, and create more amenities and healthy lifestyle opportunities by connecting a public corridor from Orange Memorial Park to a new public park at the shoreline.

Located in San Mateo County, South San Francisco is the Bay's self-proclaimed 'industrial city.' Major freeways and rail lines link the city to the region but also divide the City and limit residents' access to the shoreline of the Bay. The South City Circle is a gateway to the City and also links pedestrians/cyclists across the rail corridor and Hwy 101.

Resilient South City - A community-based design challenge aimed at strengthening the City's resilience to sea level rise and climate change. The primary objectives of the design proposal are to:

- Manage flooding along Colma Creek by widening and greening the canal and creating new parks.
- Connect the community along the creek to the shoreline with new spaces, including a new waterfront pool and school.
- Upgrade schools to become resilience hubs as well as active community open space resources, linking them to the creek and each other by new green streets for cycling and water management.
- Expand the restoration of native plants from San Bruno Mountain, across other green spaces and along the creek to the shoreline.

RESOURCES

RESILIENT SOUTH CITY

<http://www.resilientbayarea.org/south-san-francisco/>



A year-long collaborative design challenge bringing together local residents, public officials and local, national and international experts to develop innovative community-based solutions that will strengthen our region's resilience to sea level rise, severe storms, flooding and earthquakes.

resilientbayarea.org

FLOOD/SEA LEVEL RISE - ouR-HOME



Suite of Sea Level Rise Projects - North Richmond, ouR-Home emerges from the community's ideas for building health, wealth and home ownership for over 5,000 North Richmond residents – turning investments in sea level rise adaptations and aging infrastructure into opportunities for all. The ouR-HOME sea level rise response projects are linked to the health and financial well-being of residents that have been traditionally shut out of opportunities to improve health and family wealth.

Small lot housing, a community land trust, social impact bonds and community infrastructure combine to lower the cost of entry to home ownership. Green infrastructure proposals to bring the 'marsh to Main Street' with a horizontal levee, and plant 20,000 trees to filter air and water, are strategies that can be implemented through existing local job and career programs – benefiting the people in North Richmond.

North Richmond Investments Include - Pump replacement and sea level rise protection for a wastewater facility, major arterial and drowning marshlands that provide critical habitat and support the largest eelgrass bed and oyster beds in the Bay. Building on the North Richmond Shoreline Vision Plan, local expertise in the community has shaped a suite of four projects. These projects, developed from a series of community meetings, – all provide direct and immediate benefits as well as long term value to the community.

Projects are:

- Planting trees for air and water filtering.
- Using a range of levee edge typologies that change over time to protect Richmond Parkway, the wastewater facility and the neighborhood.
- Introducing a muted marsh that co-exists with industrial uses and allows the marsh to transition upland over time.
- Completing a multi-use path overpass to provide shoreline access and creation of a green mitigation fund that continues to grow local jobs.

RESOURCES

RESILIENT NORTH RICHMOND

<http://www.resilientbayarea.org/north-richmond/>



A year-long collaborative design challenge bringing together local residents, public officials and local, national and international experts to develop innovative community-based solutions that will strengthen our region's resilience to sea level rise, severe storms, flooding and earthquakes.

resilientbayarea.org