

Comparison of 9/13/21 HMC recs on SLR to H&S Element of draft Gen Plan, 5/22

- 1) Support funding adequate County staff from such sources as Measure X, Measure AA or state and federal grants to plan, secure grant funding for, coordinate and implement the measures needed to address the potential impacts of sea level rise in the County.**

Staff position in DCD was funded by Measure X in 2021.

- 2) Direct County staff to establish benchmarks to determine when to take specific actions to address the impacts of sea level rise.**

HS-A6.6 Amend the Floodplain Management Ordinance to apply to areas subject to sea-level rise under at least a medium-high risk aversion scenario by 2100, in accordance with State and regional guidance.

HS-A6.7 Adopt a Sea-Level Rise Overlay Zone with associated land use regulations for site planning and minimum construction elevations that reflects sea-level rise data under at least a medium-high risk aversion scenario by 2100

- 3) Direct the Public Works, Conservation and Development and Health Departments to ensure that accounting for the impacts of sea level rise is incorporated into all of their relevant policies and practices and actions, and that they analyze the potential impacts of sea level rise on the infrastructure and functions for which they are currently responsible.**

HS-P4.1 Consider the effects of climate change, particularly increased frequency and intensity of hazards, when reviewing new development applications.

HS-A4.2 Update the capital project planning and budgeting processes to account for anticipated effects of climate change hazards on County capital investments, including buildings and infrastructure, either by integrating the Countywide Climate Vulnerability Assessment or the best available climate science data related to impacts, risks, sensitivities, adaptive capacities, and vulnerabilities. (SB 379)

HS-P5.8 Prohibit construction of critical infrastructure in areas subject to flooding or sea-level rise unless no feasible alternative exists.

HS-P6.4 Require new industrial development in areas subject to sea-level rise and tsunami inundation to provide plans for prevention and remediation of any contaminant releases, along with bonds that guarantee remediation plans are implemented. Remediation should meet standards that protect people and the environment in the event of future permanent inundation.

HS-A6.7 Adopt a Sea-Level Rise Overlay Zone with associated land use regulations for site planning and minimum construction elevations that reflects sea-level rise data under at least a medium-high risk aversion scenario by 2100.

- 4) Direct County Staff to coordinate, and plan with other stakeholders in the County, a summit to begin establishing a county-wide effort to address the potential impacts of sea level rise.**

HS-A6.1 Coordinate with ABAG, Bay Conservation and Development Commission, Delta Stewardship Council, BayAdapt, cities, utilities, affected agencies, property owners, community groups, residents, and other entities to create a public-private partnership to develop, fund, and implement relevant, regionally coordinated sea-level rise adaptation measures through programs like Resilient by Design that leverage the results of Adapting to Rising Tides and other studies and programs. (SB 379)

HS-A6.2 Coordinate with regional agencies, cities, utilities, property owners, community groups, residents, and other stakeholders to prepare and adopt a countywide sea-level rise adaptation plan addressing increased flooding and sea-level rise that provides unique adaptation options for the entire county shoreline and identifies funding mechanisms for implementation. Use Figure HS-X (Sea-Level Rise Projection Map) or the best available climate science data to identify where sea-level rise hazards are likely to occur and lead efforts to: (a) Maximize public awareness and disclosure to property owners and the public. (b) Assess and address impacts to future development. (c) Plan opportunity areas for adaptation. (d) Inform funding and financing decisions about shortterm and long-term adaptation projects. (e) Ensure that the disproportionate impacts on vulnerable populations and Impacted Communities are addressed.

- 5) Review the current and future updates of the County's Local Hazard Mitigation Plan (LHMP) and the County's Capital Road Improvement and Preservation Program (CRIPP) to ensure they are consistent with the updates currently being made to the County's General Plan and the Climate Action Plan in regards to measures addressing the impacts of sea level rise.**

- 6) Direct the Public Works and Conservation and Development Departments to analyze the potential impacts to the "Pinch Points" identified in the Commodity Flow study commissioned by the Hazardous Materials Program, and develop, secure funding for, and implement measures to mitigate these impacts.**

HS-P6.5 Work with transportation agencies and infrastructure owners, such as railroads, to harden transportation networks against sea-level rise and increases in flooding intensity.

HS-A6.8 Partner with cities to develop and fund a countywide plan to increase the resiliency of the shoreline road system that will be impacted by sea-level rise and tsunamis to ensure emergency responders can get to those in need and that community members, including those that rely on public transit, can continue to reach service

- 7) Designate a County Department, or someone within a County Department, to compile and track the activities of all County Departments related to addressing the potential impacts of sea level rise, and make sure this information is accessible to the public and other local jurisdictions, with an emphasis on engaging vulnerable communities.**

HS-A5.1 Review flooding policies and maps in this General Plan on an annual basis and incorporate best-available information regarding 100-, 200-, and 500-year floodplains and projected sea-level rise due to climate change. (10-52, 10-53, 10-ai)

HS-A5.2 Maintain a flood-management information database, including dam and levee inundation data, based on data from appropriate agencies

HS-A6.5 Incorporate Figure HS-X (Sea-Level Rise Projection Map) into the County's geographic information system for use as a publicly accessible tool for tracking flooding and sea-level rise.

- 8) Establish a mechanism to make sure recommendations 1 through 7 are implemented.**