

Goal 2.3 | Ready and resilient systems

Actions

3.01 Conduct a detailed vulnerability assessment of all existing County infrastructure and facilities in South Maui that are within the State-recognized **SLR-XA** and subject to other coastal hazards to determine if relocation, retrofitting or protective measures are needed. Coordinate with the State on key State infrastructure and facilities such as highways. Integrate the assessment's findings into current and future plans and projects, as applicable. Establish adaptive management program to monitor progress.

3.02 Conduct a feasibility study to identify areas that could support a managed relocation strategy in South Maui. Include an analysis of alternatives and interim steps to achieve managed relocation, incentives for proactive relocation, and zoning code changes needed to adjust land uses or transfer of development rights. Consider developing programmatic environmental documents, policies, and regulations as needed to assist in incentivizing and implementing managed relocation.

3.03 Develop and provide regional and site specific, proactive guidance on managed relocation strategies to owners of at-risk properties in South Maui. Identify environmental conditions to support **site specific** management planning as well as legal and policy needs to facilitate implementation and address barriers.

3.04 Obtain funding to train existing staff and hire more County staff to expand and develop expertise in managed coastal retreat.

3.05 Integrate the State recognized SLR-XA into South Maui capital improvement planning and projects for all County departments and public facilities to prioritize relocation and avoid irrevocable investment of resources in high-risk areas.

3.06 Work with the Department of Management, the State Department of Health Clean Water Branch, and property owners to identify next steps in addressing sea level rise impacts to on-site disposal systems (i.e. cesspool and septic systems) and develop conversion or connection plans by 2050 per State Act 125.

3.07 Develop an inventory of natural and cultural resources and practices within South Maui impacted by sea level rise along with preservation and management plans.

3.08 Analyze **and maintain** the shoreline access inventory within South Maui to identify **and preserve** areas that will be impacted by sea level rise and where connectivity and access **to the shoreline as well as along the shoreline (lateral access)** can be improved. Use findings to identify **and implement** solutions to preserve access, **including relocating coastal trails**.

NEW Build a new fire station mauka of Pi'ilani Highway, outside of the sea level rise exposure area, extreme tsunami inundation zone, shoreline erosion hazard line, and SMA, to address increased call volume and improve emergency response time.

3.09 Update the 2016 Community Wildfire Protection Plan for South Maui, **and require that developments comply with the plan.**

3.10 Develop a comprehensive wildfire data set and GIS layer that includes the acreage, year and location of wildfire events in South Maui to assist in resilient land use planning. Obtain annual funding for a program to ensure continuing coordination including collection and maintenance of post-incident data.

3.11 Develop a community-based disaster preparedness plan for South Maui that includes consideration of MEMA's Hazard Mitigation Plan to create a proactive disaster coordination framework.

3.12 Develop a long-term post-disaster recovery and reconstruction plan with priority actions for South Maui that incorporates findings and recommendations from assessments **of the vulnerability of social, economic and environmental infrastructure.**

3.13 Identify **and secure public access to** additional emergency evacuation routes in and out of South Maui **to adequately accommodate the de facto population.**

3.14 Develop or partner to create resiliency hubs appropriate for the South Maui community.

3.15 Plant native trees and ground covers appropriate for the microclimate along existing public rights-of-way and roads.

3.16 Prioritize capital improvement projects designed to maximize resilience and provide multiple benefits for South Maui.

3.17 Identify and encourage additional new users of recycled water, including but not limited to parks, golf courses, agriculture and new developments with a focus on areas mauka of Pi'ilani Highway. Expand recycled water storage and distribution lines in South Maui to support new customers and increase overall use.

3.18 Identify a new location for the KThei Recycling and Redemption Center.

3.19 Conduct a feasibility study to determine if a modern desalinization facility or direct/indirect potable reuse are additional viable water source options for South Maui.

3.20 In partnership with the State's Department of Land and Natural Resources, update drought management plan and implement priority actions for South Maui.