

## Goal 2.3 | Ready and resilient systems

Action No.	Description	Type	Priority	Timing	County Lead Agency	Cost (\$1,000)	Funding Source(s)
	<b>Coastal/Sea Level Rise/Shoreline</b>						
3.01	<p>Conduct a detailed vulnerability assessment of all existing County infrastructure and facilities in South Maui that are within the State-recognized SLRXA and subject to other coastal hazards to determine if relocation, retrofitting or protective measures are needed. Coordinate with the State <a href="#">as needed on key State infrastructure and facilities such as highways</a>. Integrate the assessment's findings into current and future plans and projects, as applicable. Establish adaptive management program to monitor progress.</p>	Project	High	Mid	DOM	1,000	County

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	<b>Coastal/Sea Level Rise/Shoreline</b>						
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. <b>Consider</b> developing and implement programmatic environmental documents, policies, and regulations as needed to assist in incentivizing and implementing managed relocation.	Project	Medium	Mid	PD	6,000	County, State
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.	Program	High	On-going	PD	TBD	County

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	<b>Coastal/Sea Level Rise/Shoreline</b>						
3.04	Obtain funding to train existing staff and hire more County staff to expand and develop expertise in managed coastal retreat.	Program	High	Short	PD	TBD	County, State
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.	Program	High	Short	DOM	N/A	N/A
3.06	<p><a href="#">Identify the location of and support the conversion of cesspools to a regional wastewater treatment system or environmentally appropriate alternatives primarily in Ma'alaea and Maui Meadows by 2030 as recommended by the State's Cesspool Conversion Working Group. Explore the use of state and county grants, as well as a County Improvement District, to help finance the conversions.</a></p> <p><del>Work with the Department of Management, the State Department of Health Clean Water Branch, and property owners to identify</del></p>	Program	Medium	Mid	DEM	TBD	County, State

	<del>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.</del>						
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.	Project	Medium	Mid	DOM	1,500	County, State, Federal, Private

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	<b>Coastal/Sea Level Rise/Shoreline</b>						
3.08	Analyze <a href="#">and maintain</a> the shoreline access inventory within South Maui to identify <a href="#">and preserve</a> areas that will be impacted by sea level rise and where connectivity and access <a href="#">to the shoreline as well as along the shoreling</a> can be improved. Use findings to identify solutions to preserve access.	Project	Medium	Mid	PD	200	County, State
	<b>Fire Hazards</b>						

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 <a href="#">in the North Kihei area if possible.</a>	Project			MFD		
3.09	Update the 2016 Community Wildfire Protection Plan for South Maui <a href="#">and enforce that landowners comply with the plan.</a>	Project	High	Short	MFD	75	County
3.10	Develop a comprehensive wildfire data set and GIS layer that includes the acreage, year <del>and</del> , location <a href="#">and cause</a> 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 <a href="#">and provide recommendations for future prevention.</a>	Program	Medium	Short	MEMA	N/A	N/A

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<b>Resiliency and Disaster Preparedness</b>							
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.	Project	High	Short	MEMA	150	County, State, Federal, Private
3.12	Develop a long-term post-disaster recovery and reconstruction plan with priority actions for South Maui that incorporates findings and recommendations from vulnerability assessments.	Project	Medium	Mid	MEMA	150	County, State, Federal
3.13	Identify additional emergency evacuation routes in and out of South Maui <a href="#">and provide multi channel communication for all exit strategies</a> .	Project	High	Short	MEMA	50	County
	<a href="#">NEW: Identify areas where impediments need to be removed for emergency evacuation routes out of areas with limited and restricted egress. Have a plan for implementation in case of an emergency.</a>						
3.14	Develop or partner to create resiliency hubs appropriate for the South Maui community.	Project	Medium	Short	OM / MEMA	1,500	County, Federal, Private

3.15	<u>Identify existing public right-of-ways to Plant native trees and, ground covers and establish native seed banks appropriate for the microclimate to mitigate potential disasters. <del>along existing public rights-of-way and roads.</del></u>	Project	High	On-going	DPW	TBD	County, State, Private
	<u>NEW: Identify public areas to implement agro-forestry, focusing on canoe plants, to promote food security, practical use materials. Develop a long term plan for use with zero waste.</u>						
3.16	<u>Prioritize capital improvement projects designed to maximize resilience and provide multiple benefits for South Maui.</u>	Program	High	Mid	OM	TBD	

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	<b>Utilities</b>						

3.17	Identify and encourage additional <del>new</del> users of recycled water, including but not limited to parks, golf courses, agriculture and new developments with a focus on <a href="#">the largest users of potable water. areas mauka of Pi'ilani Highway.</a> Expand recycled water storage and distribution lines in South Maui to support new customers and increase overall use.	Project	High	On-going	DEM	25,000	County, State, Federal, Private
3.18	<del>Identify a new location for the Khei Recycling and Redemption Center.</del>	Project	High	On-going	DEM	N/A	County
3.19	Conduct a feasibility study to determine if a modern desalinization facility <a href="#">is a viable water source option for South Maui.</a> <del>Conduct a feasibility study to determine if R-0 direct/indirect</del> potable reuse <del>are</del> <a href="#">is an additional viable water source options</a> for South Maui.	Project	Medium	Long	DWS	250	County, State, Federal, Private
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.	Project	Medium	Short	DWS	75	County, State