

Suggested Policies and Actions

Ready and Resilient Systems

Policies

1. Require public and private water purveyors to coordinate water development in order to optimize pumpage, mitigate saltwater intrusion, and preserve regional resources.
2. Require new developments to install landscaping that reduces water use, using drought resistant and micro-climate appropriate design and plants.
3. New developments in West Maui shall connect to County or private wastewater reuse systems when available; if reuse is not readily available, developments should be designed to allow for future connections.
4. Reserve existing golf course facilities as future receiving areas to transfer existing development impacted by climate change.
5. For redevelopment and new developments within the 3.2 feet Sea Level Rise Exposure Area (SLR-XA), or the state recognized threshold for sea level rise exposure, new structures shall be situated on the most mauka extent of the project area or as allowed by applicable rules.

Actions (Lead County Agency)

1. Conduct a detailed vulnerability assessment for the SLR-XA and other hazards for all existing County infrastructure in West Maui. (CIP Coordinator/MD office)
2. Develop a post-disaster recovery plan for West Maui. (MEMA, Department of Planning)
3. Conduct a feasibility study on shoreline retreat in West Maui. Issues to be studied should include at a minimum, analysis of alternatives to achieve shoreline retreat, such as establishing retreat areas and receiving areas for areas threatened by coastal hazards, and use of a programmatic Environmental Impact Statement to incentivize proactive retreat. (Mayor)
4. Establish special improvement districts and community facilities districts as appropriate for areas threatened by coastal hazards in West Maui. (County Council, Planning)
5. Create and implement beach management plans for beach cells in West Maui. (Planning)
6. Update the Lahaina Town Drainage Master Plan. (DPW)
7. Complete the Lahaina Watershed Flood Control project. (DPW)

8. Complete an inventory of drainage facilities in West Maui for use in developing long-term plans for addressing stormwater issues. (DPW)
9. Improve stormwater management systems along Lower Honoapiʻilani Road to minimize stormwater runoff to the ocean. (DPW)
10. Develop basal groundwater sources in West Maui to provide for planned population growth and offset decreased surface water diversions. (DWS)
11. Improve interconnection between Department of Water Supply subsystems in West Maui. (DWS)
12. Develop contingency agreements between County and private water purveyors in West Maui. (DWS)
13. Identify potential new users of recycled water and expand recycled water storage and conveyance systems in West Maui to increase the reuse of recycled water. (DEM)
14. Study and implement other disposal means to decrease use of underground injection control wells. (DEM)
15. Improve odor control at the Lahaina Wastewater Reclamation Facility. (DEM)
16. Prepare an acquisition strategy for parks in West Maui, considering the potential for sea-level rise and climate change. (DPR)