

| 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                                   | 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. | Project | High     | Mid    | DOM                | 1,000          | County            |

| Action No. | Description   | Type    | Priority | Timing   | County Lead Agency | Cost (\$1,000) | Funding Source(s) |
|------------|---|---------|----------|----------|--------------------|----------------|-------------------|
|            | <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. Consider developing 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            |

Rob: "Develop" instead of "Consider developing"

| Action No. | Description   | Type    | Priority | Timing | County Lead Agency | Cost (\$1,000) | Funding Source(s)               |
|------------|---|---------|----------|--------|--------------------|----------------|---------------------------------|
|            | <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       | 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. | Program | Medium   | Mid    | DEM                | TBD            | County, State                   |
| 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 |

Rob: The Cesspool Conversion Working Group recommends replacing those in Maui Meadows by 2035, all others in South Maui by 2030; says "nearly all reefs in Hawaii will be threatened by 2050" without action; average cost of conversion is \$23k; 2022 grant is up to \$20,000 to families living at 140% AMI or less.

Propose: Identify properties with on-site disposal systems; develop and implement a plan to convert all in Maui Meadows by 2035 and all others in South Maui by 2030 through connection to County sewer lines or to a new regional wastewater reclamation facility.

| Action No.                              | Description   | Type    | Priority | Timing | County Lead Agency | Cost (\$1,000) | Funding Source(s) |
|---|---|---------|----------|--------|--------------------|----------------|-------------------|
| <b>Coastal/Sea Level Rise/Shoreline</b> |   |         |          |        |                    |                |                   |
| 3.08                                    | Analyze the shoreline access inventory within South Maui to identify areas that will be impacted by sea level rise and where connectivity and access can be improved. Use findings to identify solutions to preserve access.  | Project | Medium   | Mid    | PD                 | 200            | County, State     |
| <b>Fire Hazards</b>                     |   |         |          |        |                    |                |                   |
| 3.09                                    | Update the 2016 Community Wildfire Protection Plan for South Maui.  | Project | High     | Short  | MFD                | 75             | County            |
| 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. | Program | Medium   | Short  | MEMA               | N/A            | N/A               |

Fire Chief Ventura says he doesn't need this; says they check and takes care of

| Action No.                                  | Description   | Type    | Priority | Timing   | County Lead Agency | Cost (\$1,000) | Funding Source(s)               |
|---|---|---------|----------|----------|--------------------|----------------|---------------------------------|
| <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.   | Project | High     | Short    | MEMA               | 50             | County                          |
| 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  | Plant native trees and ground covers appropriate for the microclimate along existing public rights-of-way and roads.<br><i>Rob comment: this is too non-specific</i>                    | Project | High     | On-going | DPW                | TBD            | County, State, Private          |
| 3.16  | Prioritize capital improvement projects designed to maximize resilience and provide multiple benefits for South Maui.   | Program | High     | Mid      | OM                 | TBD            |                                 |

*Rob comment: this is too non-specific*

| Action No. | Description  | Type    | Priority | Timing   | County Lead Agency | Cost (\$1,000) | Funding Source(s)               |
|------------|--|---------|----------|----------|--------------------|----------------|---------------------------------|
|            | <b>Utilities</b>   |         |          |          |                    |                |                                 |
| 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. | Project | High     | On-going | DEM                | 25,000         | County, State, Federal, Private |
| 3.18       | Identify a new location for the Kihei Recycling and Redemption Center.   | Project | High     | On-going | DEM                | N/A            | County                          |
| 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.   | 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                   |