

South Moloka'i Shoreline Erosion Management Plan



BACKGROUND	<p>The Hawaiian homestead communities of Kapa'akea and Kamiloloa-One Ali'i are located along the coastal plains of Molokai's south shore starting one mile east of Kaunakakai Town. This two and one-half mile stretch of coastline has experienced substantial shoreline erosion due to various factors, resulting in the loss of homestead property, challenges to shoreline access, and harm to cultural and environmental resources. In the future the effects of climate change, sea level rise, and more frequent extreme weather scenarios could increase coastal erosion and lessees' exposure to coastal hazards such as flooding, storm surge, and beach loss.</p> <p>To proactively manage erosion and strengthen community resilience, DHHL has contracted Planning Consultants Hawaii, LLC, to assist with the preparation of a coastal erosion assessment and management plan for the coastal homestead communities of Kapa'akea and Kamiloloa-One Ali'i.</p>	
PROJECT PURPOSE	<p>Preparation of a shoreline erosion management plan for the project area that will:</p> <ol style="list-style-type: none"> 1. Enable DHHL to proactively plan for and manage shoreline erosion; 2. Investigate underlying causes of shoreline erosion, and likely future progression; 3. Identify effective and sustainable shoreline erosion management strategies that maintain natural processes and consider community needs; and 4. Educate the community as to the causes of shoreline erosion and appropriate management responses. 	
APPROACH	<p>The project will employ a community-based planning process founded on the input, knowledge, and values of those key stakeholders that have an intimate understanding of the lands and coastal waters that comprise the project area.</p> <p>Community meetings to gather information from Kapa'akea and Kamiloloa-One Ali'i homesteaders will be held Spring 2019 to Spring 2020. Additional opportunities for beneficiary input will be offered during the Draft and Final Plan preparation phases. The Hawaiian Homes Commission will also be briefed at key project milestones.</p>	
KEY TASKS	Literature research and desktop analysis	Aug. 2018 – Feb. 2019
	Field surveys of the project area Unmanned aerial systems (UAV) technology will be used to survey the coastline the week of November 1	Nov. 2018 – Feb. 2019
	Community engagement ◆ Stakeholder/beneficiary interviews ◆ Orientation meeting ◆ Community open house ◆ Hawaiian Homes Commission meeting briefings	Nov. 2018 – April 2020
	Data assessment	May – Sept. 2019
	Shoreline Erosion Management Plan preparation	Oct. 2019 – Apr. 2020
OTHER PROJECTS	<p><i>Coastal Resilience for Hawaiian Homestead Communities:</i> The two-day Community Resilience Planning workshops scheduled for Kalama'ula and Kapa'akea/Kamiloloa-One Ali'i in Summer/Fall 2018 have been rescheduled to Summer/Fall 2019.</p>	
CONTACT	<p>Nancy McPherson Planner, DHHL Planning Office 808-620-9519</p>	