

PROJECT OVERVIEW

Inspired by the film: In this selected clip from *A Climate for Change*, we are introduced to Ed Sniffen, Deputy Director of Highways at the Hawaii Department of Transportation. We learn about severe road erosion, such as in Hauula, caused by an increase in severe weather, and the efforts and cost to fix the roads for community use.

ESSENTIAL QUESTION for the PROJECT:	What impact will sea level rise and/or erosion have on your community's coastal area?	
PROJECT OVERVIEW:	Students will identify their community coastal area and research the impact of sea level rise in the short-term future. They will then create a story map to preserve the stories of that coastal area.	KEY VOCABULARY: Climate change Sea level rise Greenhouse gases King tides Erosion Community Transportation Asphalt Public Transportation Storymap Mo'olelo
SELECTED KEY SKILLS: <i>Teachers can modify the selected key skills based on scope and need.</i>	<ul style="list-style-type: none"> ● Reflection ● Communication ● Collaboration ● Research ● Storytelling ● Interviewing ● Design thinking 	
SELECTED KEY CONTENT & PERFORMANCE: <i>Teachers can modify the selected key content based on scope and need. All projects are designed to be interdisciplinary and to address multiple content performance standards.</i>	<ul style="list-style-type: none"> ● NGSS MS-ESS3-5. Asking Questions and Defining Problems Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. ● NGSS ESS2.C The Roles of Water in Earth's Surface Processes The complex patterns of the changes and the movement of water in the atmosphere, determined by winds, landforms, and ocean temperatures and currents, are major determinants of local weather patterns. ● CCSS.ELA-LITERACY.W.8.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. ● CCSS.ELA-LITERACY.W.8.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content. ● CCSS.ELA-LITERACY.W.8.3 Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences. ● CCSS.ELA-LITERACY.W.8.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. (Editing for conventions should demonstrate command of Language standards 1-3 up to and including grade 8 here.) ● CCSS.ELA-LITERACY.W.8.6 Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas efficiently as well as to interact and collaborate with others. ● CCSS.ELA-LITERACY.W.8.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. 	