



Piko Assessments Mon May 21 05:08:49 HST 2018

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| Name | Transportation Asset Climate Change Risk Assessment Report |
| Lead Agencies | OahuMPO, SSFM International |
| Contacts | Brian Gibson, Brian.Gibson@oahumpo.org |
| Partnering Agencies | UHM/SOEST, NOAA, Plus all the partners listed in the document |
| Types | - Risk and Vulnerability or Problem-focused |
| Area of Applicability | - Regional/Local or Problem-focused |
| Focus Area | - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience |
| Regions | - Central North Pacific - State Of Hawaii |
| Status | - Completed |
| Description | FHWA awarded five grants nationwide, including the OahuMPO, to validate a conceptual model for determining the affects of climate change on transportation infrastructure. The model consists of three parts: Determining what are the likely climate stressors that will be faced by the local region and the probability of their occurrence in the future; Determining what the critical transportation infrastructure assets are for the local region and their relative priority; and Assessing the vulnerability of those priority assets to impacts from the climate stressors. Oahu is uniquely vulnerable given its location mid-Pacific and, based on the more current climate science, needs to begin planning for these weather-related events now. The report was delivered to Federal Highway Administration on December 2, 2011. |
| Url | http://www.oahumpo.org/wp-content/uploads/2013/02/OahuMPO-CC-Report-FINAL-Nov-2011.pdf |