



# Hazard Risk Management Tools

Coastal communities face threats from natural hazards and the changing climate. The National Oceanic and Atmospheric Administration (NOAA) Pacific Services Center works with various governmental entities to develop the hazard risk management tools needed by Pacific region communities.

## **Hazard Assessment Tool**

The Hazard Assessment Tool, or HAT, lets users click on a map and quickly learn what types of hazards (flood, tsunami, landslide, etc.) are possible for that location. Most local and state governments can adapt this tool for their areas with local data and basic geographic information system skills. Visit [www.csc.noaa.gov/hat/](http://www.csc.noaa.gov/hat/) to learn more.

- The American Samoa Coastal Management Program uses HAT in its planning and permitting process: [maps.csc.noaa.gov/t\\_hat/](http://maps.csc.noaa.gov/t_hat/)
- The HAT developed for the Island of Kaua'i, Hawai'i, provides the public with hazard risk information: [maps.csc.noaa.gov/kbat/](http://maps.csc.noaa.gov/kbat/)

## **Hazard Education and Awareness Tool**

This how-to template was developed for organizations wanting to provide quick, on-line access to hazards-related data and information for their community. The Hazard Education and Awareness Tool (HEAT) can be found at [www.csc.noaa.gov/psc/HEAT/](http://www.csc.noaa.gov/psc/HEAT/).

- The State of Hawai'i used HEAT to provide tsunami evacuation zone maps and information about risks, preparations, and the actions to take in the event of a tsunami: [www.csc.noaa.gov/psc/tsunami/](http://www.csc.noaa.gov/psc/tsunami/)

## **Hawaii Flood Response Tool**

This tool, developed for Hawai'i's emergency managers, provides a centralized point for distributing flood-related data. These real-time data are used to make decisions about evacuation and other safety concerns during flood events. Contact the NOAA Pacific Services Center to learn more.

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*“He Ali‘i ka ‘Āina, he kauā ke kanaka”*

– The land is a chief; the people its servants (Hawaiian proverb)



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