

Hawaii Resource Information System for Coastal Hazards

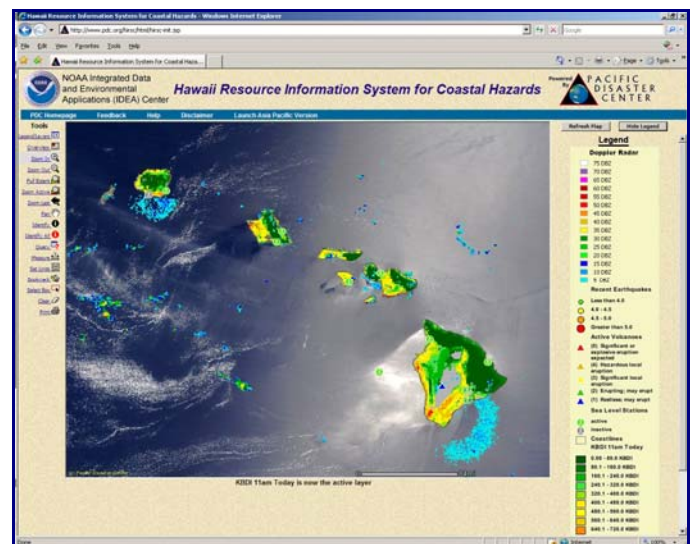
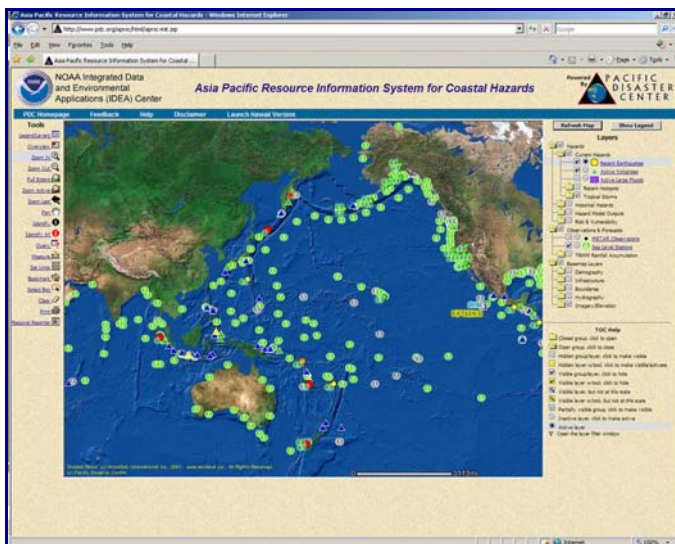
The Hawaii Resource Information System for Coastal Hazards (HI RISC) was developed by the Pacific Disaster Center in collaboration with NOAA, NASA and other partners under funding from NOAA's Pacific Region Integrated Data Enterprise (PRIDE) program to support risk and hazard mitigation activities in Hawaii and the Pacific Region.

Two versions of the HI RISC application, the Hawaii and Asia Pacific editions, combine information and analysis tools supporting disaster preparedness and mitigation efforts within the coastal management community. These map viewers are directly based on PDC's Hazards and Vulnerabilities Atlas suite of products (<http://atlas.pdc.org>), but additional data have been incorporated to enhance functionality with regard to coastal hazards, wildfire and flood mitigation.

Asia Pacific Edition:
<http://www.pdc.org/aprsc>

Hawaii Edition:
<http://www.pdc.org/hirsc>

These are also accessible via the NOAA IDEA Center at <http://research.eastwestcenter.org/PacIOOS/noaaidema.html>



The Asia Pacific Resource Information System for Coastal Hazards (AP RISC) contains Current Hazards, Historical Hazards, Current Observations, and infrastructure data to promote understanding of Risk and Vulnerability in the Region.

The Hawaii Resource Information System for Coastal Hazards (HI RISC) incorporates many datasets including the Keetch-Byram Drought Index (KBDI), Doppler radar, and Current Hazard data supporting disaster management activities within Hawaii.

New Datasets:

- Near Real-time Doppler Radar
- NWS NDFD Forecast Data
 - Temperature
 - Wind Speed
 - Percent Chance of Precipitation
 - Quantitative Precipitation
 - Wind Direction
 - Significant Wave Height
- Keetch-Byram Drought Index (KBDI)
- METAR Weather Observations
- Sea Level Stations
- Dartmouth Flood Observatory Historical and Real-Time Flood Polygons
- Tropical Rainfall Monitoring Mission (TRMM)
- HAZUS Model Output Data

New Functionality:

- User defined public and private Bookmarks
- Historical Hazard Filter Tools
 - Earthquakes
 - Tsunamis
 - Tropical Storms
 - Wildfires
 - Floods
 - Volcanic Eruptions
- Regional Reporter – A Summary of Hazards and Assets
- NDFD Forecast Animation Tools
- Access to NOAA's Wave and Water Level Service via the Sea Level Station layers
- Ability to identify raster datasets (Land Cover, Population Density, NDFD, etc.)
- HAZUS data filter