

Increasing hazard and risk awareness

ThinkHazard! was developed by the Global Facility for Disaster Reduction and Recovery and launched in May 2016. Users can search across the world for levels of flood, earthquake, drought, cyclone, tsunami and landslide hazards. A user can enter in a location and ThinkHazard! will highlight the hazards in that area and to what level the user should have an awareness of that hazard (when planning a development project for instance).

ThinkHazard! also provides recommendations and guidance on how to reduce the risk from each hazard

within the searched-for area, such as doing location assessments and identifying early warning systems. It provides links to additional resources such as country risk assessments, best practice guidance and additional websites. ThinkHazard! also highlights how each hazard may change in the future as a result of climate change.

Data for the website has been gathered from a range of sources including institutes, universities, UNDP, UNISDR and the World Bank.

Access ThinkHazard! at: <http://thinkhazard.org/>

The screenshot displays the ThinkHazard! website interface. At the top, there is a search bar with the text "Enter location (e.g. Indonesia or Bali)". Below the search bar, there are icons for various hazards: River flood, Earthquake, Water scarcity, Cyclone, Coastal flood, Tsunami, Volcano, and Landslide. The "Volcano" icon is highlighted in orange. Below the icons, the text "Victoria" is displayed, and the "Volcano" icon is highlighted in orange. The "Volcano" section is expanded, showing a hazard level of "Medium". The text below the hazard level states: "In the area you have selected (Victoria) volcanic hazard is classified as medium according to the information that is currently available. This means that the selected area is located at less than 50 km from a volcano for which a potentially damaging eruption has been recorded in the past 10,000 years and that future damaging eruptions are possible. Based on this information, the impact of volcanic eruption should be considered in all phases of the project, in particular during project design, implementation and maintenance. Further detailed information should be obtained to adequately account for the level of hazard." Below this text, there is a "Recommendations" section with two bullet points: "EARLY WARNING ACTION: Ensure the project can act on volcanic early warnings. This may involve having a plan in place to mobilize in the event of a warning being received. More information" and "IMPACT: Consider the effect that potentially lethal and destructive volcanic hazards near to the volcano – ballistic projectiles, lava flows, lahars and pyroclastic flows – could have on the planned project. Lahars can impact areas within valleys as far as 100 km from a volcano. Further information should be gained from local volcanic hazard maps, if available. More information". To the right of the text, there is a map of Victoria, Australia, showing the hazard distribution. The map is color-coded according to the hazard level: High (red), Medium (orange), Low (yellow), and Very low (light yellow). A legend below the map indicates the hazard levels: High (red), Medium (orange), Low (yellow), and Very low (light yellow). The map shows that the hazard level is "Medium" in the western and southern parts of Victoria, and "Low" in the eastern part. A "Download PDF" button is visible in the top right corner of the map area.