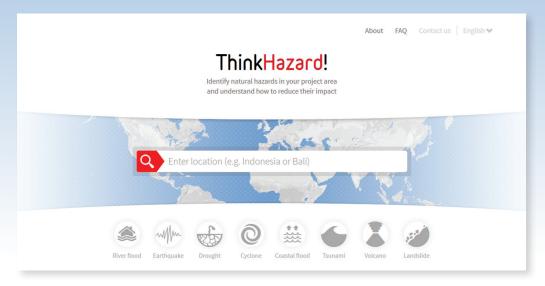
ThinkHazard!

Identify natural hazards in your project area and understand how to reduce their impact

ThinkHazard! enables development specialists to consider natural hazard information in project design.

ThinkHazard! helps those without expert knowledge of hazards to determine the potential likelihood of eight natural hazards in their project location, and to obtain guidance to make their project resilient.

A new online tool for the development community, developed by the Global Facility for Disaster Reduction and Recovery (GFDRR), in collaboration with BRGM (the French geological survey), Camptocamp, and Deltares.



thinkhazard.org



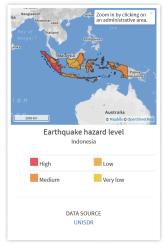
Earthquake

Hazard level: High

In the area you have selected (Indonesia) earthquake hazard is classified as high according to the information that is currently available. This means that there is more than a 20% chance of potentially-damaging earthquake shaking in your project area in the next 50 years. Based on this information, the impact of earthquake must be considered in all phases of the project, in particular during design and construction. Project planning decisions, project design, and construction methods should take into account the level of earthquake hazard. Further detailed information should be obtained to a dequately account for the level of hazard.

Recommendations

- Consider purchasing insurance to cover potential losses to the project .
- Consider the effect that collapse (or destruction) or serious damage to buildings and infrastructure associated with the planned project could have on the local population and environment.
- Consider engaging a qualified local or international earthquake engineer to ensure the local seismic risk in your project area in considered in project design and implementation – particularly on all project activities that include building or infrastructure construction or improvements.
- Contact the governmental organisations (e.g. ministry of environment and geological survey) responsible for management of earthquake risk in the project country to obtain more detailed information on the potential earthquake risks.



Open and transparent The development and use of *ThinkHazard!* is open and transparent. The tool architecture and code are open source—other organizations are able to tailor this type of analytical tool to their own needs. All aspects of the tool are transparent, with openly available documentation.

Partnership GFDRR Innovation Lab is actively looking for partners who might be interested in using and contributing to *ThinkHazard!*. The tool relies on underlying hazard data sets to communicate level of hazard, and including newly-developed local, national and global hazard datasets is an ongoing priority.

For more information on partnering, please contact: Dr. Alanna Simpson, Head of GFDRR Innovation Lab, asimpson1@worldbank.org.

