

WHAT IT IS

HazardHunterPH is a web and mobile application designed to increase hazard assessment accuracy, improve process efficiency and enhance the ease of doing business in relevant private and government institutions. The web application has the most array of functionalities.



Photo: GMA News

OUTPUTS

Hazard Assessment

Hazard Assessment Report with Explanations and Recommendations

Up-to-date Hazard Information from Mandated Government Agencies



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<https://hazardhunter.georisk.gov.ph>



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HazardHunterPH
GEORISKPH



Do you know
your hazards?

Find out using the app!

**Hazard assessment
at your fingertips!**

HOW TO USE

TYPE THE LOCATION IN THE SEARCH BAR

DOUBLE-CLICK/TAP ON MAP TO SELECT TARGET AREA

INITIAL HAZARD ASSESSMENT WILL APPEAR ON THE SCREEN

SELECT THE 'VIEW EXPLANATION AND RECOMMENDATION' LINK TO SEE FULL REPORT

ASSESSMENT OUTPUT

A report is produced after the application has assessed the user's chosen location on the map.

This may be used as a reference, but to obtain an official Hazard Assessment Report, users are advised to request for the official document from the mandated government agencies.

DATE: 21 June 2019
COORDINATES: 14.650511471766043, 121.0592220148583

SEISMIC HAZARD ASSESSMENT

GROUND RUPTURE	LIQUEFACTION	LANDSLIDE	TSUNAMI
Safe; Approximately 2.7 km from the Valley Fault System	Safe	Safe	Safe

EXPLANATION AND RECOMMENDATION

✓ All hazard assessments are based on the latest available hazard maps and the coordinates of the user's selected location.

Access HazardHunterPH here: <https://hazardhunter.georisk.gov.ph>

HazardHunterPH

DISPLAY OPTIONS

SELECT BASEMAP

- Basemaps

SELECT HAZARD/S

- Seismic (Earthquake)
- Volcanic
- Hydro-meteorological

SELECT EXPOSURE INFORMATION

- Public Schools (DepEd)
- Health Facilities (DOH)
- Road Network (DPWH)

TOOLS

- Use Current Location
- Search Using Coordinates

CONTACT US

- Send Feedback
- Report a Problem

GET MORE UPDATES

- Facebook

Assessment Results

SEISMIC HAZARD ASSESSMENT

- Nearest Active Fault: Valley Fault System: West Valley Fault (2.9 km)
- Ground Rupture: Safe
- Ground Shaking: Phreatic intensity VII
- Earthquake-induced Landslide: Safe
- Liquefaction: Safe
- Tsunami: Safe

VOLCANIC HAZARD ASSESSMENT

- Nearest Active Volcano: Taal (71.7 km)
- Ballistic Projectiles: Safe
- Base Surge: Safe
- Debris: Safe
- Nearest Potentially Active Volcano: Corogator (90.1 km); No immediate volcanic hazard threat
- Nearest Inactive Volcano: Talim (part of Agutayay Island) (90.4 km); No immediate volcanic hazard threat

HYDRO-METEOROLOGICAL HAZARD ASSESSMENT

- Flood (MSE): Moderate Susceptibility; 0.5 to 1 meter flood height and/or 1 to 3 days flooding
- Non-induced Landslide (MSE): Most likely suitable for development; needs further validation
- Storm Surge (PHASA): Safe
- Debris Wind (PHASA): 117.1 - 220kph (20-year return period); 117.1 - 220kph (50-year return period)

View Report with Recommendations

GeoRiskPH

Leaflet | Powered by Esri | Basemap: OpenStreetMap | Data Sources: PHVOLCS, MOE, PHGASA, DepEd, DOH, DPWH