



I'm not robot



I am not robot!

Geology and Geophysics Research and Development Division (GGRDD) PHIVOLCS Building, C.P Garcia Ave., U.P. Diliman, Quezon City. Close. DOST-PHIVOLCS is committed to protect and respect your personal data privacy in compliance with the Data Privacy Act of The application of NDSHA yielded six distinct seismic hazard maps of the Philippines containing information on calculated Peak Ground Displacement (PGD), Peak Ground Velocity (PGV), and Design Ground Acceleration (DGA) Here, an updated and more detailed seismic hazard model for the Philippines is presented, developed in a collaboration between PHIVOLCS and the Global Earthquake Model (GEM) Foundation. The seismic hazard map depicts the geographic distribution of the Peak Ground Acceleration (PGA) with a% probability of being exceeded in years, computed for Earthquake events data shown on the map are derived from the Philippine Seismic Network. The model will be made openly available through the GEM Global Hazard Mosaic Philippines Direct line: (+) to, local at We would like to inform you that all earthquake and volcano-related hazard maps available in our Institute can be downloaded online via or at the HazardHunterPH app see and go to Download Maps The seismic hazard map depicts the geographic distribution of the Peak Ground Acceleration (PGA) with a% probability of being exceeded in years, computed for reference rock conditions (shear wave velocity, V_{s30} , of m/s) The Open Spaces were assessed by PHIVOLCS from Earthquake-related hazards such as not transected by the Valley Fault System, no Tsunami, no Liquefaction and no Earthquake-Induced Landslides. For more information, visit Given the persistent earthquake risk, there is a need to explore all available methodologies to comprehensively portray the seismic hazard profile of the country and to supplement Here, an updated and more detailed seismic hazard model for the Philippines is presented, developed in a collaboration between PHIVOLCS and the Global , · This study mapped the earthquake events per magnitude from to, and determined the hot spots, and its patterns across the Philippine region. Earthquake intensity zones indicate where there is a% probability that Other Maps: Earthquake. DOSTPHIVOLCS. Volcano. Online Hazard Assessment Service. Login. It The seismic hazard maps of the Philippines provide spectral acceleration mean values that describe the probability of occurrence of area-specific ground motion hazards due The Philippines is susceptible to various types of natural hazards due to its geographical location and physical environment; being situated in the “Pacific Ring of Fire”, between This map illustrates the Philippines's exposure to seismic, volcanic and tropical storm hazard. This site uses cookies and third-party service to analyze non-identifiable traffic data. Geomatics Service Request. For more information, visit Download Hazard Maps. The remaining open spaces without the said hazards are identified as the Safe Open Spaces (SOS) Earthquake events data shown on the map are derived from the Philippine Seismic Network.