Seismic, Volcanic and Tropical Storm Risk

The bar chart shows the degree of exposure to natural hazards and the percentage of area affected (per country). Tsunami and storm surges are a threat to coastal regions, particularly gulls, bays, and estuaries.

(c) 2009, Munich Reinsurance Company, Munich Re Geo Risks Research Department

Legend
- Ocha office or presence
- Country capital
- Major town or city
- International boundary
- Region Boundary
- Holocene volcano

Tsunami Hazards
- Storm surge
- Tsunami
- Tsunami and Storm surge

Earthquake Intensity
Modified Mercalli Scale
- Degree I-V
- Degree VI
- Degree VII
- Degree VIII
- Degree IX-XII

Tropical Storm Intensity
Saffir-Simpson Scale
- One: 118-153 kmh
- Two: 154-177 kmh
- Three: 178-209 kmh
- Four: 210-249 kmh
- Five: 250+ kmh

Earthquake intensity zones indicate where there is a 20% probability that degrees of intensity shown on the map will be exceeded in 50 years.

Tropical storm intensity zones indicate where there is a 10% probability of a storm of this intensity striking in the next 10 years.

Map Doc Name: OCHA_PHI_Hazard_v2_110606
Creation Date: 22 March 2011
Projection/Datum: Lat/Lon WGS84
Web Resources: http://ochaonline.un.org/roap

UN Office for the Coordination of Humanitarian Affairs (OCHA)
Regional Office for Asia Pacific (ROAP), Executive Suite, 2nd Floor,
UNCC Building, Rajdamnern Nok Ave, Bangkok 10200, Thailand
http://ochaonline.un.org/roap

The names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.