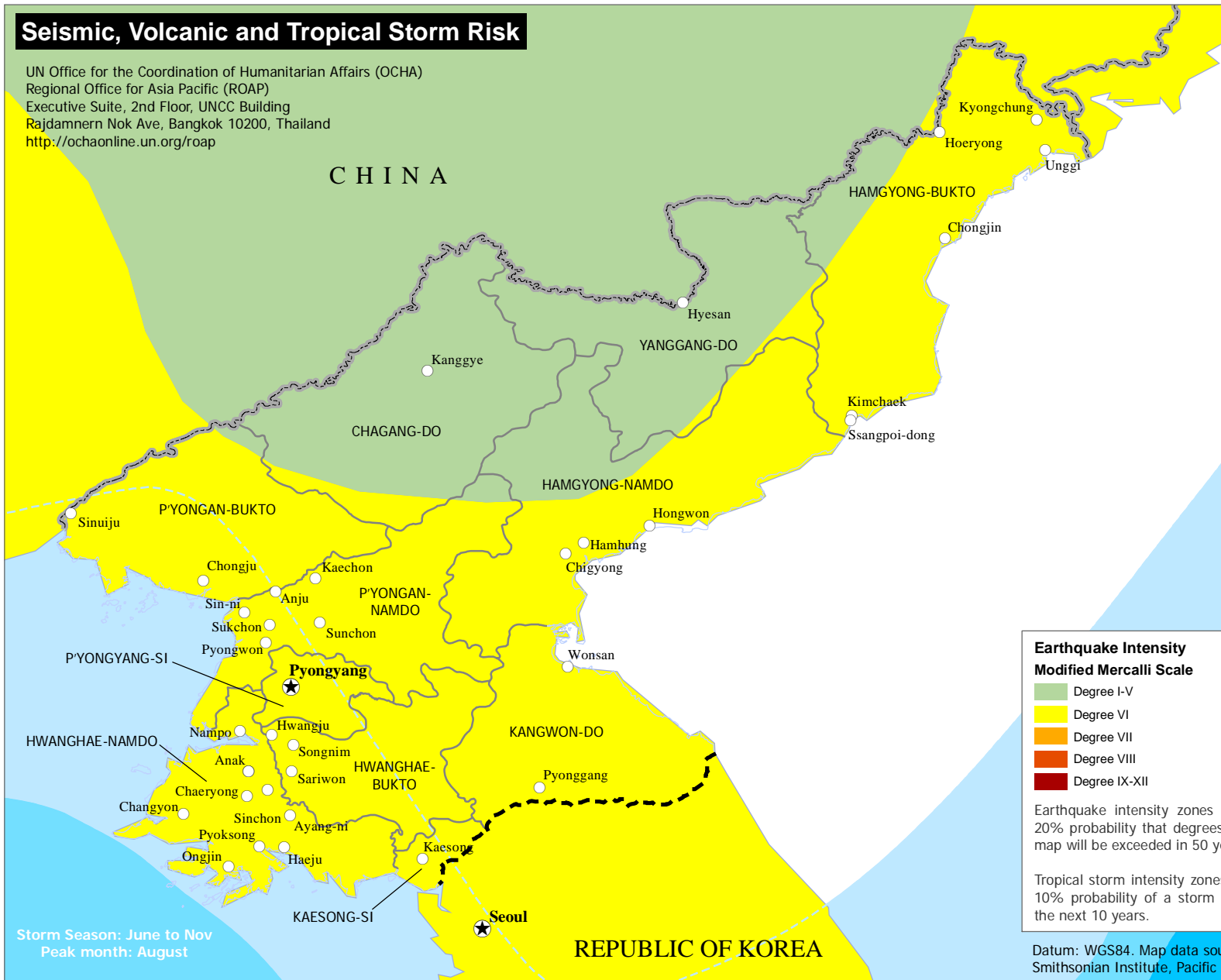


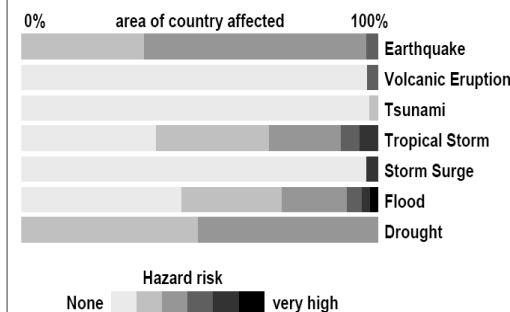
Seismic, Volcanic and Tropical Storm Risk

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>



All Natural Hazard Risks

The bar chart below shows the degree of exposure to natural hazards and the percentage of area affected. Tsunamis and storm surges are a threat to coastal regions, particularly gulfs, bays, and estuaries. Flood hazard results from river floods and torrential rain. Drought is caused by major deviations from the normal amounts of precipitation. Frost hazard depends on elevation and latitude.



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Earthquake Intensity Modified Mercalli Scale	Tropical Storm Intensity Saffir-Simpson Scale	OCHA office or presence
Degree I-V	One: 118-153 kmh	Country capital
Degree VI	Two: 154-177 kmh	Major town or city
Degree VII	Three: 178-209 kmh	International boundary
Degree VIII	Four: 210-249 kmh	Demarcation line
Degree IX-XII	Five: 250+ kmh	Province boundary
		Coastline / waters edge

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.

0 50 100
Kilometers

Datum: WGS84. Map data source: UN Cartographic Section, Global Discovery, FAO, Smithsonian Institute, Pacific Disaster Center, UNISYS, Munich Reinsurance Group

Storm Season: June to Nov
Peak month: August