



Region Selected » Lower Left Latitude/Longitude: 16.7901 N°, 117.3809 E°
Upper Right Latitude/Longitude: 22.7901 N°, 123.3809 E°



Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

Current Hazards:

Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		24-Feb-2018 11:26:59	5.2	10	142km NNW of Pagudpud, Philippines	19.79° N / 120.38° E

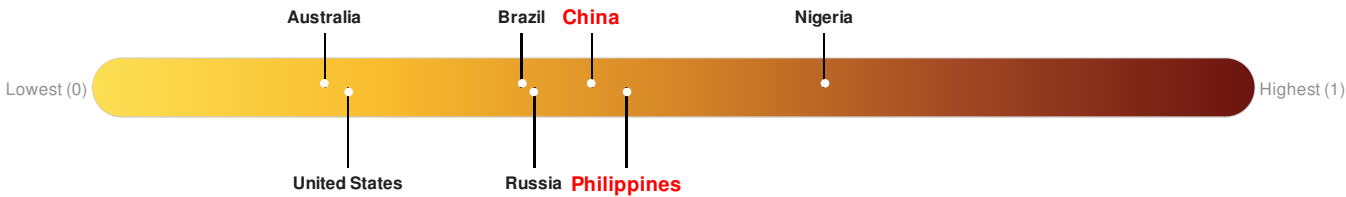
Source: [PDC](#)

Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

China ranks **82** out of **165** countries assessed for Lack of Resilience. China is less resilient than 51% of countries assessed. This indicates that China has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Philippines ranks **64** out of **165** countries assessed for Lack of Resilience. Philippines is less resilient than 62% of countries assessed. This indicates that Philippines has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

Regional Overview

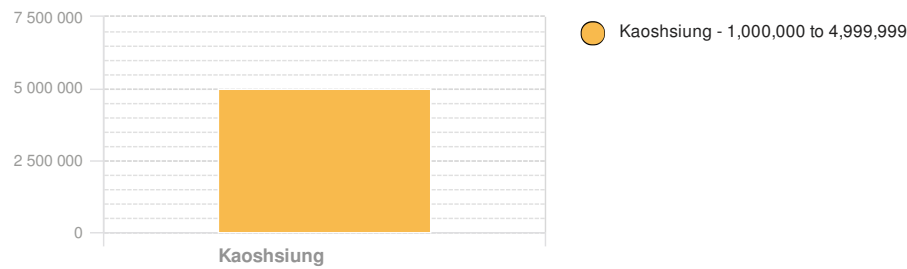
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Population Data:

2011

Total: 8, 247, 698
Max Density: 61, 441 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

Risk & Vulnerability

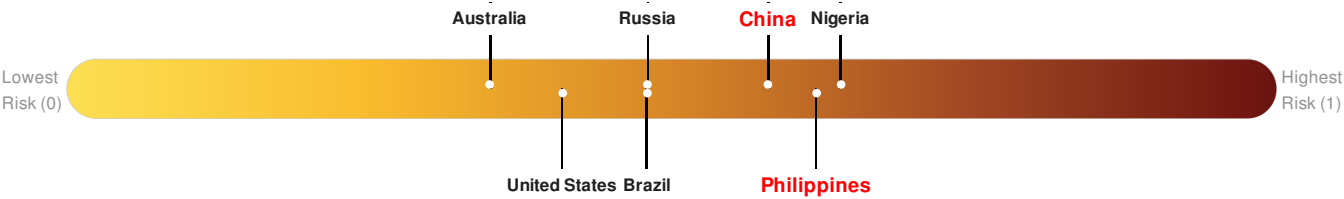
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Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure **China** ranks **32** out of **165** countries assessed for Multi Hazard Risk. China has a Multi Hazard Risk higher than 81% of countries assessed. This indicates that China has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Philippines** ranks **16** out of **165** countries assessed for Multi Hazard Risk. Philippines has a Multi Hazard Risk higher than 91% of countries assessed. This indicates that Philippines has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



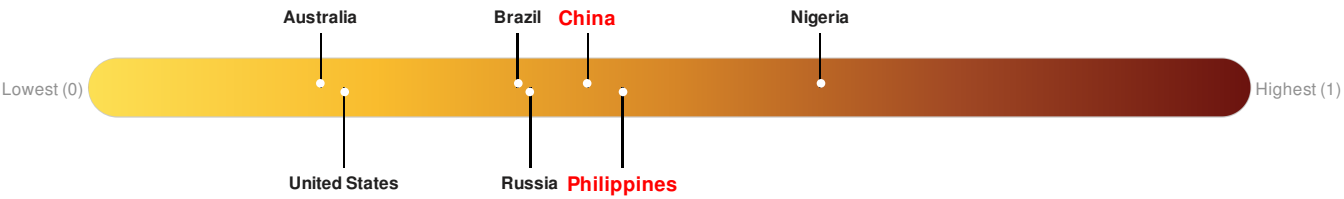
Source: [PDC](#)

Lack of Resilience Index:

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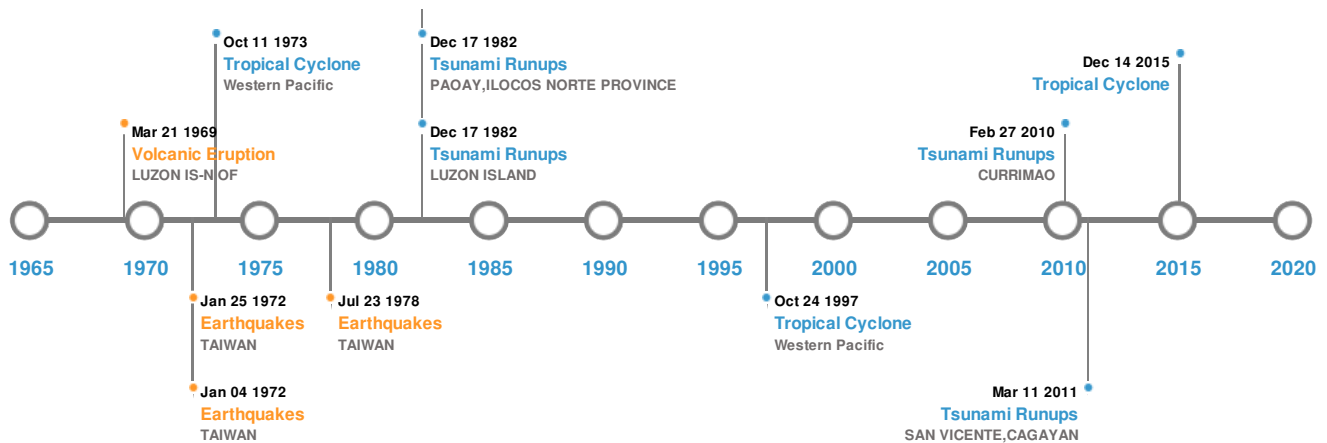


Source: [PDC](#)

Historical Hazards

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Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	14-Feb-1934 00:03:00	7.90	22	PHILIPPINES: LUZON	17.5° N / 119° E
	15-Aug-1897 00:12:00	7.90	33	PHILIPPINES: LUZON: ILOCOS SUR	18° N / 120° E
	04-Jan-1972 00:03:00	7.60	33	TAIWAN	22.6° N / 122.1° E
	25-Jan-1972 00:02:00	7.50	33	TAIWAN	22.5° N / 122.3° E
	23-Jul-1978 00:14:00	7.40	17	TAIWAN	22.28° N / 121.51° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SMITH VOLCANO	01-Jan-1831 00:00:00	3.00	LUZON IS. P.I.	19.53° N / 121.9° E
	SMITH VOLCANO	01-Jan-1652 00:00:00	3.00	LUZON IS. P.I.	19.53° N / 121.9° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	DIDICAS	21-Mar-1969 00:00:00	2.00	LUZON IS-N OF	19.08° N / 122.2° E
	DIDICAS	16-Mar-1952 00:00:00	2.00	LUZON IS-N OF	19.08° N / 122.2° E
	CAMIGUIN DE BABUYANE	07-Aug-1928 00:00:00	2.00	LUZON IS-N OF	18.83° N / 121.86° E






Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	PHILIPPINES	0.6	-	SAN VICENTE, CAGAYAN	- / -
	27-Feb-2010 08:19:00	PHILIPPINES	0.16	-	CURRIMAO	18.02° N / 120.48° E
	17-Aug-1983 00:00:00	PHILIPPINES	0.1	-	LUZON ISLAND	18.23° N / 120.86° E
	22-May-1960 20:30:00	TAIWAN	0.1	-	KAO-HSIUNG	22.62° N / 120.28° E
	17-Aug-1983 00:00:00	PHILIPPINES	-	-	PAOAY, ILOCOS NORTE PROVINCE	18.05° N / 120.52° E

Source: [Tsunamis](#)

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	SALLY	03-Sep-1964 06:00:00 - 11-Sep-1964 12:00:00	196	No Data	Western Pacific	18.13° N / 133.15° E
	JOAN	25-Aug-1959 12:00:00 - 31-Aug-1959 12:00:00	196	No Data	Western Pacific	22.51° N / 130° E
	MERANTI	10-Sep-2016 21:00:00 - 14-Sep-2016 09:00:00	190	-	-	21.5° N / 121.38° E
	IVAN	13-Oct-1997 12:00:00 - 24-Oct-1997 12:00:00	184	No Data	Western Pacific	18.53° N / 137.45° E
	NORA	01-Oct-1973 06:00:00 - 11-Oct-1973 00:00:00	184	No Data	Western Pacific	18.08° N / 126.45° E

Source: [Tropical Cyclones](#)

Disclosures

* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

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