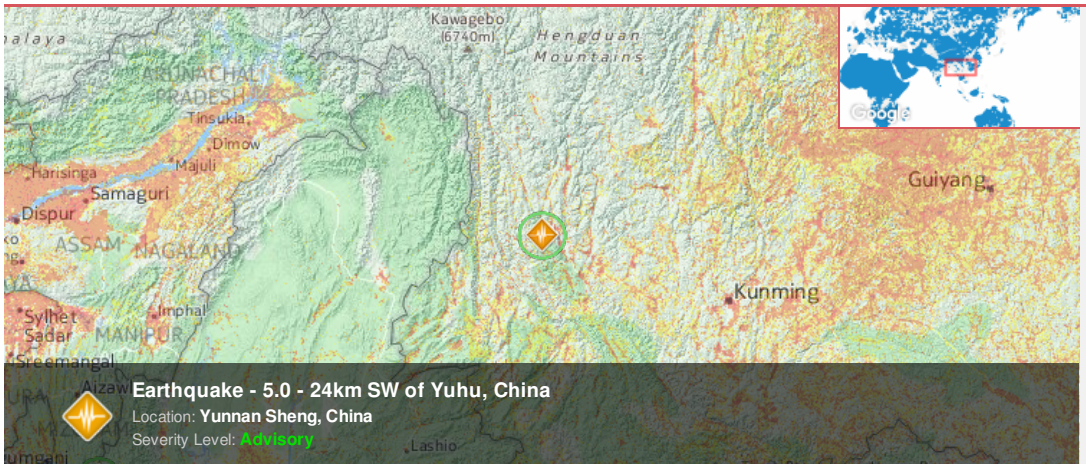
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	VIENTIANE
	16:50:59 30 Mar 2017	22:50:59 30 Mar 2017	02:50:59 31 Mar 2017	05:50:59 31 Mar 2017	09:50:59 31 Mar 2017	09:50:59 31 Mar 2017

Region Selected » Lower Left Latitude/Longitude: 22.9428 N˚ , 96.8318 E˚
Upper Right Latitude/Longitude: 28.9428 N˚ , 102.8318 E˚



Legend

Population Density (person/sqkm)

0 — 170,000

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:

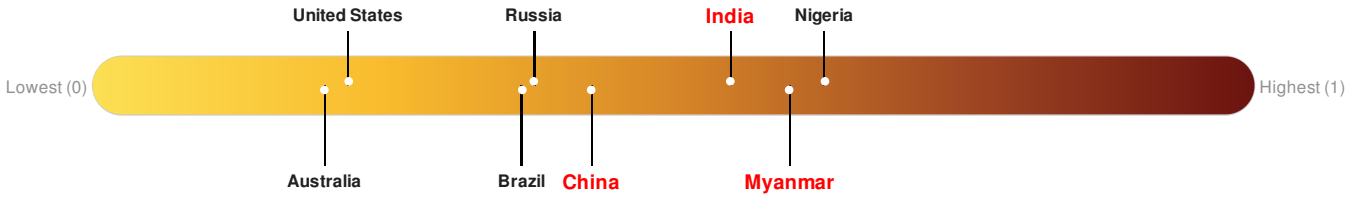
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		27-Mar-2017 00:14:32	5	28.66	24km SW of Yuhu, China	25.94° N / 99.83° E

Source: PDC

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **China** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **India** ranks **39** out of **165** on the Lack of Resilience index with a score of 0.55. **Myanmar** ranks **21** out of **165** on the Lack of Resilience index with a score of 0.6.



China ranks **82** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Governance and Marginalization.

India ranks **39** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Info Access Vulnerability and Marginalization.

Myanmar ranks **21** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Infrastructure and Governance.

Source: PDC

Regional Overview

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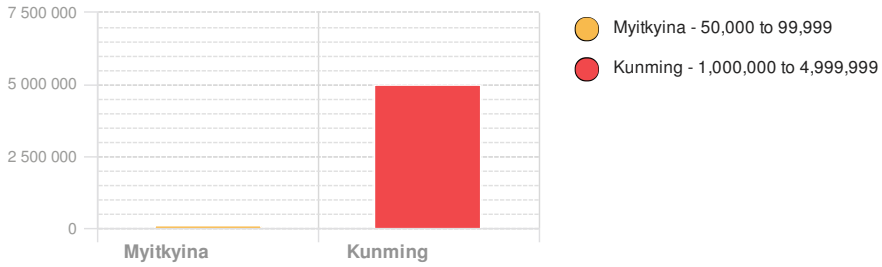
Population Data:

2011

Total: 29, 681, 984
Max Density: 95, 352(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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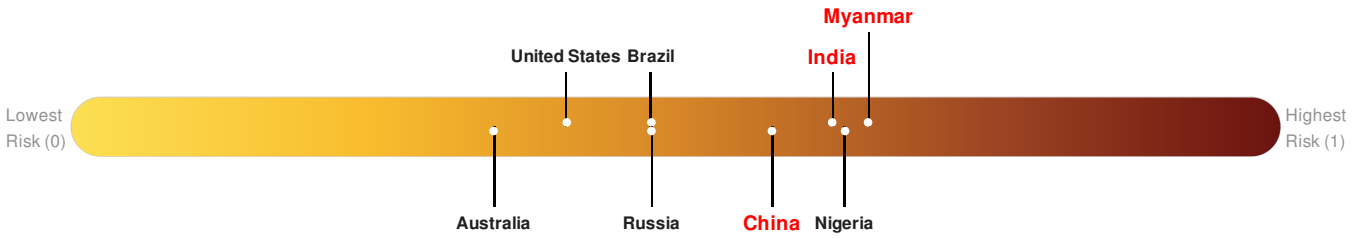
Multi Hazard Risk Index:

China ranks **32** out of **165** on the Multi-Hazard Risk Index with a score of 0.58. China is estimated to have relatively very high overall exposure, low vulnerability, and medium coping capacity.

India ranks **14** out of **165** on the Multi-Hazard Risk Index with a score of 0.63. India is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

Myanmar ranks **7** out of **165** on the Multi-Hazard Risk Index with a score of 0.66. Myanmar is estimated to have relatively high overall exposure, medium vulnerability, and low coping capacity.



Source: PDC

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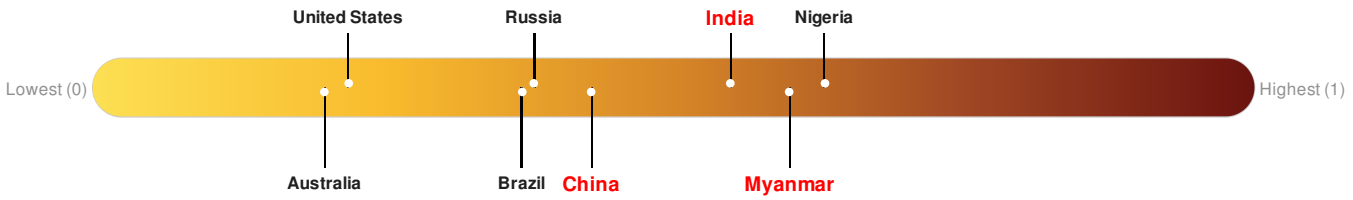

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Source: PDC

Historical Hazards

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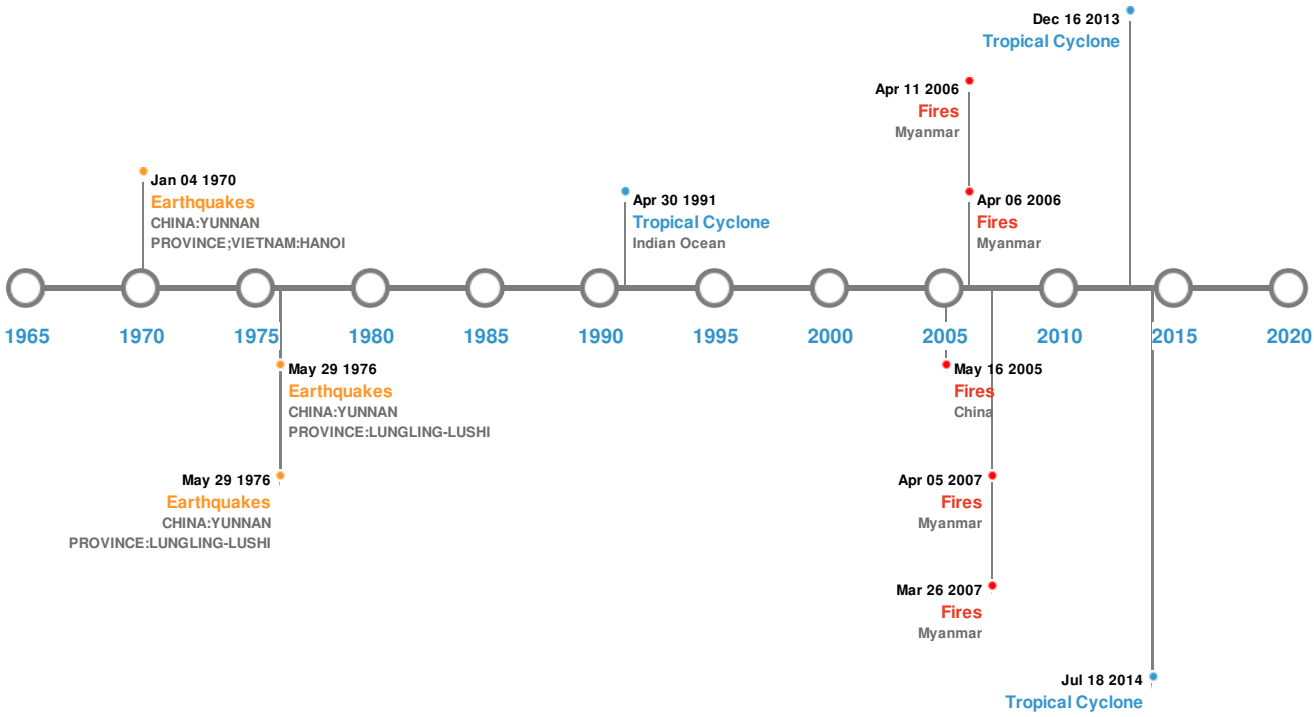
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	04-Jan-1970 00:17:00	7.80	31	CHINA: YUNNAN PROVINCE; VIETNAM: HANOI	24.1° N / 102.5° E
	12-Dec-1908 00:00:00	7.50	-	MYANMAR (BURMA): KACHIN	26.5° N / 97° E
	12-Sep-1850 00:00:00	7.50	-	CHINA: SICHUAN: XICHANG	27.8° N / 102.3° E
	29-May-1976 00:14:00	7.40	10	CHINA: YUNNAN PROVINCE: LUNGLING-LUSHI	24.53° N / 98.71° E
	29-May-1976 00:12:00	7.30	8	CHINA: YUNNAN PROVINCE: LUNGLING-LUSHI	24.57° N / 98.95° E

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	21-Dec-1951 00:00:00	CHINA	2	-	JIANHU LAKE	26.5° N / 100.6° E
	06-Sep-1833 00:00:00	CHINA	-	-	DIANCHI LAKE	24.83° N / 102.67° E

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	28-Feb-2005 00:00:00 - 16-May-2005 00:00:00	23.10	China	23.52° N / 100.48° E
	15-Mar-2006 00:00:00 - 06-Apr-2006 00:00:00	19.60	Myanmar	23.05° N / 97.55° E
	19-Mar-2006 00:00:00 - 11-Apr-2006 00:00:00	12.70	Myanmar	23.23° N / 97.8° E
	04-Mar-2007 00:00:00 - 05-Apr-2007 00:00:00	12.50	Myanmar	23.22° N / 97.77° E
	20-Mar-2007 00:00:00 - 26-Mar-2007 00:00:00	12.20	Myanmar	23.1° N / 97.59° E

Source: Wildfires

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	IDA	18-Aug-1954 18:00:00 - 31-Aug-1954 12:00:00	173	No Data	Western Pacific	17.43° N / 129.25° E
	1991-04-22	23-Apr-1991 00:00:00 - 30-Apr-1991 12:00:00	161	No Data	Indian Ocean	16.73° N / 92.1° E
	KALMAEGI	13-Sep-2014 00:00:00 - 16-Sep-2014 00:00:00	46	-	-	23.35° N / 99.7° E
	RAMMASUN	17-Jul-2014 00:00:00 - 18-Jul-2014 00:00:00	23	-	-	23.57° N / 101.8° 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.