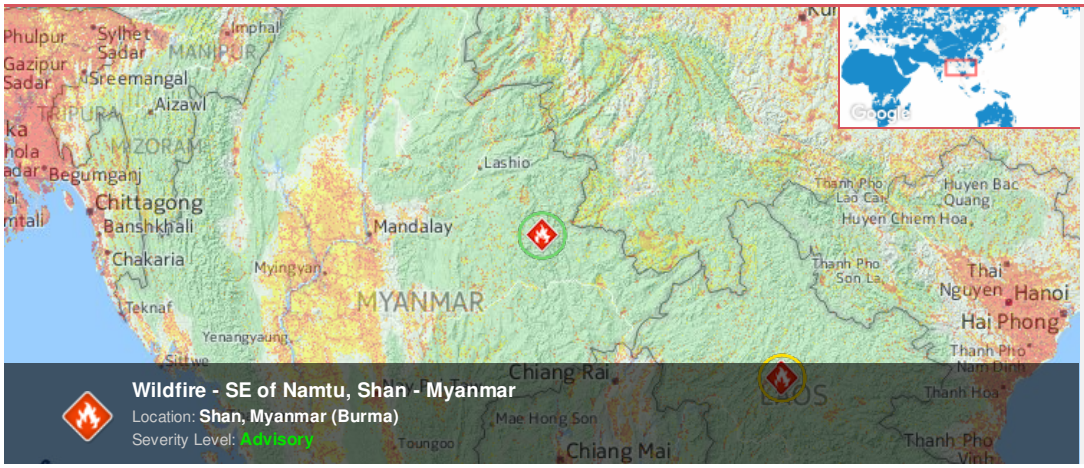
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 17:50:46 23 Mar 2017	WASH.D.C. 23:50:46 23 Mar 2017	ZULU 03:50:46 24 Mar 2017	NAIROBI 06:50:46 24 Mar 2017	YANGON 10:20:46 24 Mar 2017	BANGKOK 10:50:46 24 Mar 2017

Region Selected » Lower Left Latitude/Longitude: 18.993739424 N˚ , 95.708879786 E˚
Upper Right Latitude/Longitude: 24.993739424 N˚ , 101.708879786 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:

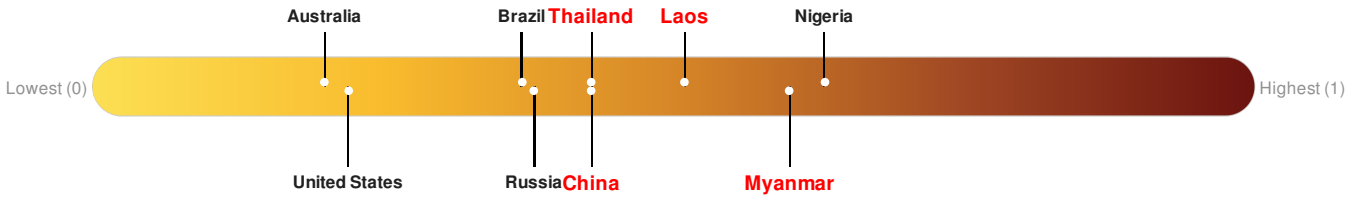
Active Wild Fire

Event	Severity	Date (UTC)	Name	Lat/Long
		24-Mar-2017 03:47:44	Wildfire - SE of Namtu, Shan - Myanmar	21.99° N / 98.71° 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. **Laos** ranks **51** out of **165** on the Lack of Resilience index with a score of 0.51. **Myanmar** ranks **21** out of **165** on the Lack of Resilience index with a score of 0.6. **Thailand** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43.



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.

Laos ranks **51** 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 Info Access Vulnerability, Population Pressures and Infrastructure.

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Source: PDC

Regional Overview

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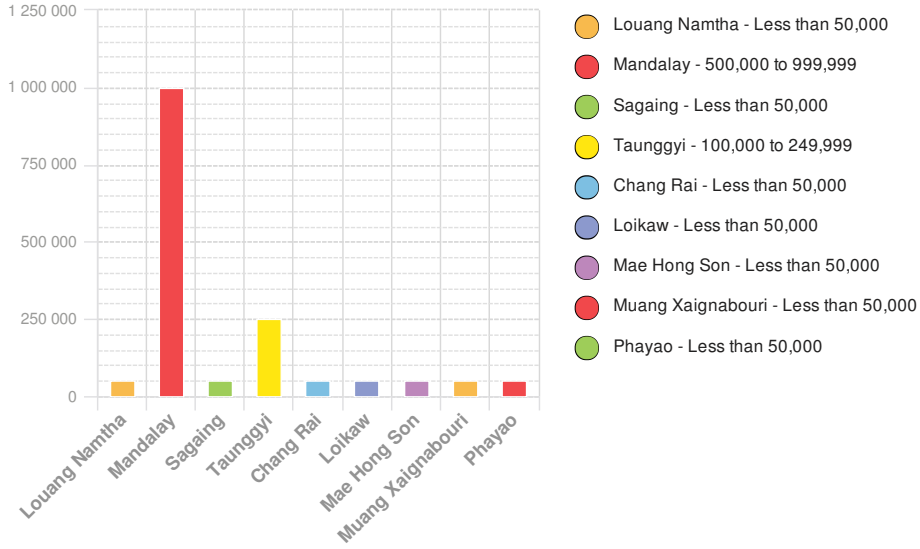
Population Data:

2011

Total: **23, 557, 498**
Max Density: **67, 008**(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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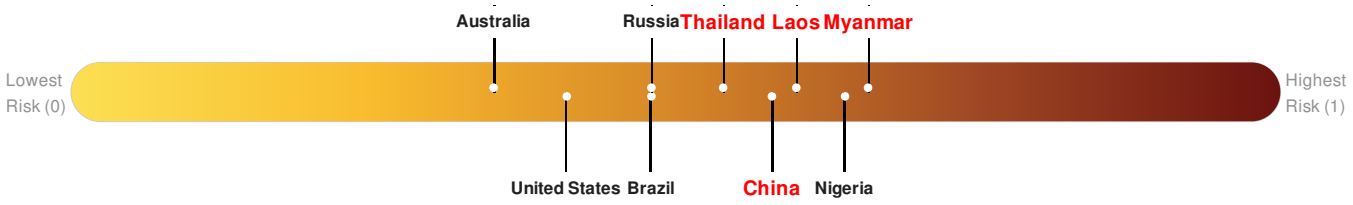
Multi Hazard Risk Index:

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.

Laos ranks **24** out of **165** on the Multi-Hazard Risk Index with a score of 0.6. Laos 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.

Thailand ranks **53** out of **165** on the Multi-Hazard Risk Index with a score of 0.54. Thailand is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.



Source: PDC

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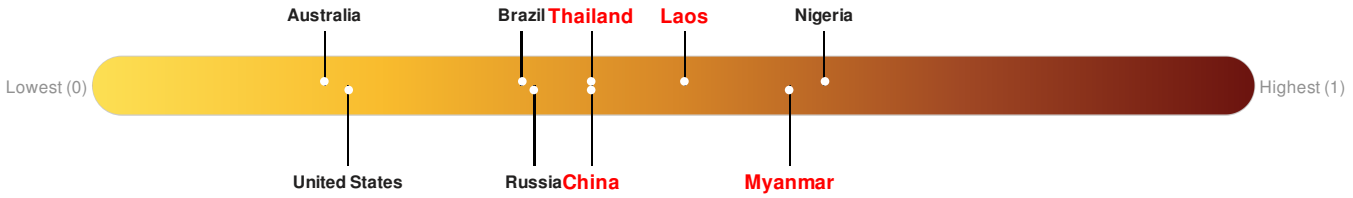

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Source: PDC

Historical Hazards

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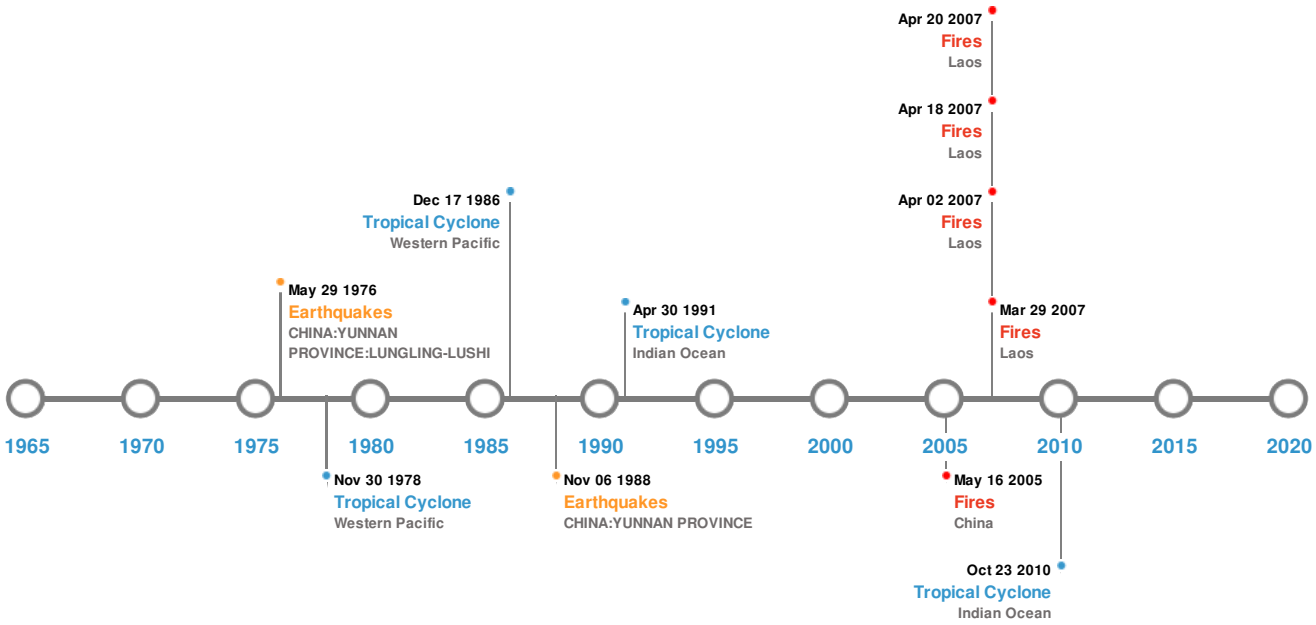
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	23-May-1912 00:02:00	8.00	25	MYANMAR (BURMA): MANDALAY, MOGOK, MAYMYO	21° N / 97° E
	12-Sep-1946 00:15:00	7.80	60	MYANMAR (BURMA)	23.9° N / 96.2° E
	12-Sep-1946 00:15:00	7.50	60	MYANMAR (BURMA)	23.9° N / 96.2° E
	29-May-1976 00:14:00	7.40	10	CHINA: YUNNAN PROVINCE: LUNGLING-LUSHI	24.53° N / 98.71° E
	06-Nov-1988 00:13:00	7.30	18	CHINA: YUNNAN PROVINCE	22.79° N / 99.61° E

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	04-Aug-1714 00:00:00	MYANMAR (BURMA)	-	-	AVA (INNWA)	21.85° N / 95.97° E

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	15-Feb-2007 00:00:00 - 29-Mar-2007 00:00:00	29.00	Laos	19.37° N / 101.76° E
	24-Mar-2007 00:00:00 - 18-Apr-2007 00:00:00	25.50	Laos	20.22° N / 100.77° E
	28-Feb-2005 00:00:00 - 16-May-2005 00:00:00	23.10	China	23.52° N / 100.48° E
	18-Mar-2007 00:00:00 - 02-Apr-2007 00:00:00	21.90	Laos	20.39° N / 101.68° E
	19-Mar-2007 00:00:00 - 20-Apr-2007 00:00:00	19.60	Laos	20.63° N / 101.5° 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
	BETTY	07-Aug-1987 06:00:00 - 17-Aug-1987 06:00:00	161	No Data	Western Pacific	13.64° N / 117.2° 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
	GIRI	21-Oct-2010 00:00:00 - 23-Oct-2010 06:00:00	155	No Data	Indian Ocean	20.06° N / 94.15° E
	HOPE	24-Jul-1979 12:00:00 - 08-Aug-1979 12:00:00	150	No Data	Western Pacific	15.98° N / 116.2° 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.