A Pacific Disaster Cen	ter HONOLULU	WASH.D.C.	ZULU	NAIROBI	DHAKA	BANGKOK
Area Brief: General	00 Max 2010	22:57:19	03:57:19	06:57:19	09:57:19	10:57:19
Executive Summary		08 Mar 2018	09 Mar 2018	09 Mar 2018	09 Mar 2018	09 Mar 2018

Region Selected »

Lower Left Latitude/Longitude: 22.47705877 N°, 87.658216325 E° Upper Right Latitude/Longitude: 28.47705877 N°, 93.658216325 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:

Active Wild Fire							
Event	Severity	Date (UTC)	Name	Lat/Long			
	1	09-Mar-2018 03:56:19	Wildfire - N of Mymensingh, Dhaka - Bangladesh	25.48° N / 90.66° E			
	0	06-Mar-2018 03:56:50	Wildfire - NE of Aizawl, Mizoram - India	23.86° N / 93.14° E			
Source: <u>PDC</u>							

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.

Bangladesh ranks **29** out of **165** countries assessed for Lack of Resilience. Bangladesh is less resilient than 83% of countries assessed. This indicates that Bangladesh has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to 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.

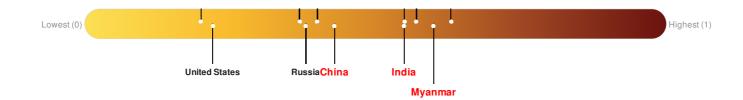
India ranks 39 out of 165 countries assessed for Lack of Resilience. India is less resilient than 77% of countries assessed. This indicates that India has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Myanmar ranks 21 out of 165 countries assessed for Lack of Resilience. Myanmar is less resilient than 88% of countries assessed. This indicates that Myanmar has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Nepal ranks 39 out of 165 countries assessed for Lack of Resilience. Nepal is less resilient than 77% of countries assessed. This indicates that Nepal has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Bhutan ranks 90 out of 165 countries assessed for Lack of Resilience. Bhutan is less resilient than 46% of countries assessed. This indicates that Bhutan has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.





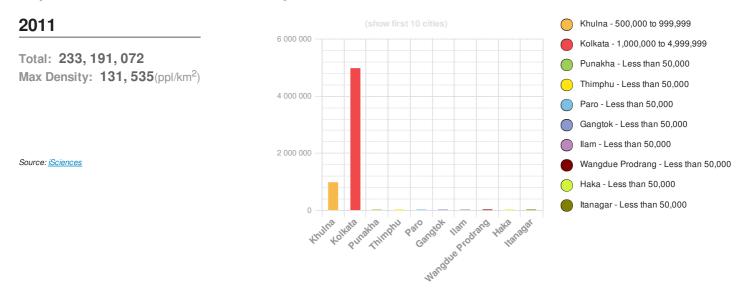
Source: PDC

Regional Overview

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Population Data:

Populated Areas:



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 **Bangladesh** ranks **5** out of **165** countries assessed for Multi Hazard Risk. Bangladesh has a Multi Hazard Risk higher than 97% of countries assessed. This indicates that Bangladesh has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

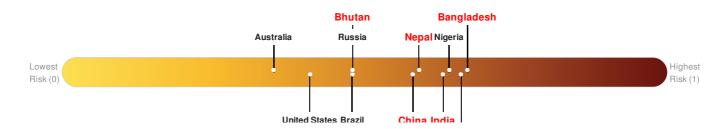
Multi-Hazard Exposure China ranks 32 out of 165 countries assessed for Multi Hazard Risk. China has a Multi Hazard Risk higher than 81% of countries assessed. This indicates that China has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure India ranks 14 out of 165 countries assessed for Multi Hazard Risk. India has a Multi Hazard Risk higher than 92% of countries assessed. This indicates that India has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Myanmar ranks 7 out of 165 countries assessed for Multi Hazard Risk. Myanmar has a Multi Hazard Risk higher than 96% of countries assessed. This indicates that Myanmar has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Nepal ranks 28 out of 165 countries assessed for Multi Hazard Risk. Nepal has a Multi Hazard Risk higher than 84% of countries assessed. This indicates that Nepal has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Bhutan ranks 89 out of 165 countries assessed for Multi Hazard Risk. Bhutan has a Multi Hazard Risk higher than 47% of countries assessed. This indicates that Bhutan has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



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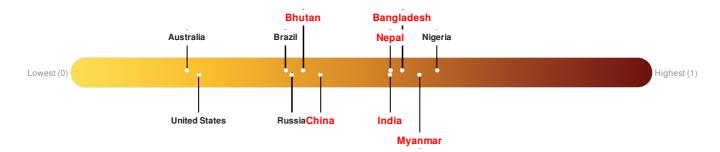
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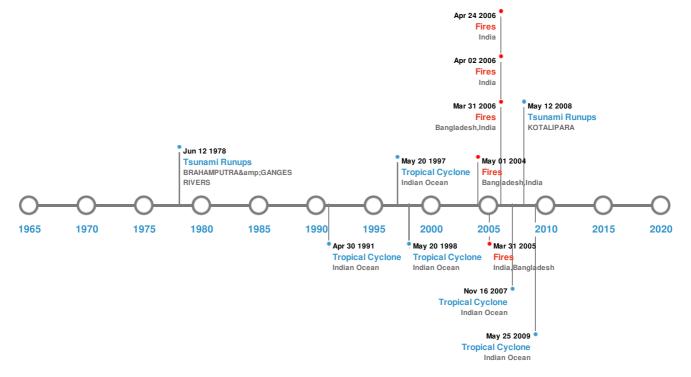
Bhutan ranks 90 out of 165 countries assessed for Lack of Resilience. Bhutan is less resilient than 46% of countries assessed. This indicates that Bhutan has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC

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Historical Hazards:



Earthquakes:

vent	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	12-Jun-1897 00:11:00	8.70	33	INDIA: ASSAM	26° N/91° E
	04-Feb-1961 00:08:00	7.60	141	INDIA	24.9° N/93.34° E
	08-Jul-1918 00:10:00	7.60	60	BANGLADESH: SRIMANGAL	24.5° N/91° E
	30-Jun-1868 00:00:00	7.50	-	BANGLADESH: SYLHET	24.5° N/91.5° E
	10-Dec-1846 00:00:00	7.50	-	INDIA	26° N / 93° E

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
	02-Apr-1762 00:00:00	INDIA	1.83	-	CALCUTTA	22.5° N / 88.33° E		
	27-Aug-1883 00:00:00	INDIA	0.1	-	KIDDERPORE, HOOGLY RIVER	22.53° N / 88.32° E		

Image: Notation Notation BANGLADESH - - KOTALIPARA 22.98° N / 89 Image: Notation BANGLADESH - - KOTALIPARA 22.98° N / 89 Image: Notation BANGLADESH - - BRAHAMPUTRA & GANGES RIVERS 23.42° N / 96	g
Image: Provide a state of the state of t	99° E
	.58° E
15-Aug-1950 00:00:00 INDIA - BRAHAMAPUTRA RIVER 24° N / 9°	°E

Source: <u>Tsunamis</u>

Wildfires:

5 Largest Wildfires						
Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
03-Mar-2006 00:00:00 - 02-Apr-2006 00:00:00	57.80	India	22.75° N/92.59° E			
15-Mar-2006 00:00:00 - 09-Apr-2006 00:00:00	36.30	Bangladesh,India	23.66° N/91.84° E			
25-Feb-2006 00:00:00 - 24-Apr-2006 00:00:00	31.40	India	22.89° N / 92.65° E			
07-Mar-2005 00:00:00 - 08-Apr-2005 00:00:00	29.30	India,Bangladesh	23.75° N/92.36° E			
14-Mar-2004 00:00:00 - 01-May-2004 00:00:00	26.40	Bangladesh,India	22.92° N/92.55° E			
	Start/End Date(UTC) 03-Mar-2006 00:00:00 - 02-Apr-2006 00:00:00 15-Mar-2006 00:00:00 - 09-Apr-2006 00:00:00 25-Feb-2006 00:00:00 - 24-Apr-2006 00:00:00 07-Mar-2005 00:00:00 - 08-Apr-2005 00:00:00	Start/End Date(UTC) Size (sq. km.) 03-Mar-2006 00:00:00 - 02-Apr-2006 00:00:00 57.80 15-Mar-2006 00:00:00 - 09-Apr-2006 00:00:00 36.30 25-Feb-2006 00:00:00 - 24-Apr-2006 00:00:00 31.40 07-Mar-2005 00:00:00 - 08-Apr-2005 00:00:00 29.30	Start/End Date(UTC) Size (sq. km.) Location 03-Mar-2006 00:00:00 - 02-Apr-2006 00:00:00 57.80 India 15-Mar-2006 00:00:00 - 09-Apr-2006 00:00:00 36.30 Bangladesh,India 25-Feb-2006 00:00:00 - 24-Apr-2006 00:00:00 31.40 India 07-Mar-2005 00:00:00 - 08-Apr-2005 00:00:00 29.30 India,Bangladesh			

Source: Wildfires

Tropical Cyclones:

5 Largest Tropical Cyclones							
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long	
٢	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	
٢	SIDR	11-Nov-2007 18:00:00 - 16-Nov-2007 00:00:00	155	No Data	Indian Ocean	17.03° N/90.75° E	
٢	1997-05- 13	13-May-1997 06:00:00 - 20-May-1997 00:00:00	132	No Data	Indian Ocean	13.9° N / 92.45° E	
٢	1998-05- 13	13-May-1998 06:00:00 - 20-May-1998 12:00:00	81	No Data	Indian Ocean	13.45° N / 86.6° E	
٢	AILA	24-May-2009 06:00:00 - 25-May-2009 18:00:00	75	No Data	Indian Ocean	20.66° N / 88.3° E	

Source: Tropical Cyclones

Disclosures

* As defined by the source (<u>Dartmouth Flood Observatory</u>, 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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