Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	JAKARTA
Area Brief: General	14:27:56	19:27:56	00:27:56	03:27:56	07:27:56	07:27:56
Executive Summary	20 Nov 2018	20 Nov 2018	21 Nov 2018	21 Nov 2018	21 Nov 2018	21 Nov 2018

Region Selected » Lower Left Latitude/Longitude: -9.102 N°, 102.423 E°

Upper Right Latitude/Longitude: -3.102000000000003 N°, 108.423 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.

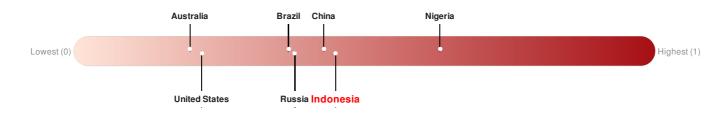
Current Hazards:

Active Volcanoes									
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long	
	0	06-Nov-2018 03:13:02	Volcano - Krakatau, Indonesia	-	-	-	-	6.1° S/105.42° E	

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.

Indonesia ranks 71 out of 164 countries assessed for Lack of Resilience. Indonesia is less resilient than 57% of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: <u>PDC</u>



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Population Data:

Populated Areas:

2011

Total: 66, 391, 552 Max Density: 99, 835(ppl/km²)



Tanjungkarang-Telukbetung - 250,000 499,999

Jakarta - 5,000,000 and greater



Source: iSciences

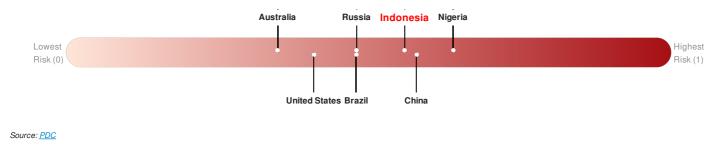
Risk & Vulnerability

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.

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

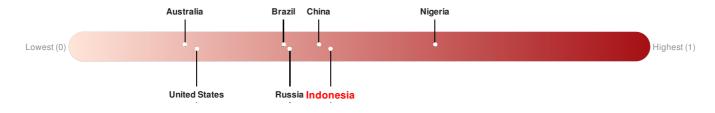
Indonesia ranks 24 out of 164 countries assessed for Multi Hazard Risk. Indonesia has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Indonesia has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.



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.

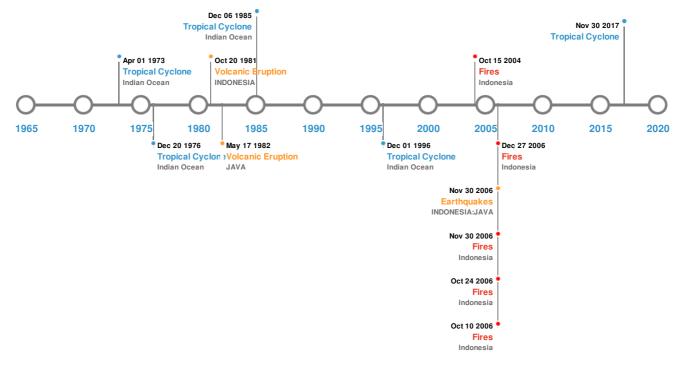
Indonesia ranks 71 out of 164 countries assessed for Lack of Resilience. Indonesia is less resilient than 57% of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC

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Historical Hazards:



Earthquakes:

ent	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	27-Feb-1903 00:00:00	8.10		INDONESIA: S OF JAVA	8° S / 106° E
	25-Jun-1914 00:19:00	7.60	-	INDONESIA: SUMATERA	4.5° S/102.5° E
	08-Aug-2007 00:17:00	7.50	289	INDONESIA: JAVA	5.97° S/107.66° E
	16-Apr-1957 00:04:00	7.50	546	INDONESIA: JAVA SEA	4.6° S/107.1° E
	24-Jun-1933 00:21:00	7.50	60	INDONESIA: S SUMATERA	5.5° S/104.8° E

Source: Earthquakes

Volcanic Eruptions:

5 Large	5 Largest Volcanic Eruptions (Last updated in 2000)								
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long				
٩	KRAKATAU	26-Aug-1883 00:00:00	6.00	INDONESIA	6.1° S/105.42° E				
	KRAKATAU	01-Aug-1883 00:00:00	6.00	INDONESIA	6.1° S/105.42° E				

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
Ó	GALUNGGUNG	08-Oct-1822 00:00:00	5.00	JAVA	7.25° S/108.05° E
٩	GALUNGGUNG	17-May-1982 00:00:00	4.00	JAVA	7.25° S/108.05° E
٩	KRAKATAU	20-Oct-1981 00:00:00	3.00	INDONESIA	6.1° S/105.42° E

Source: <u>Volcanoes</u>

Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
	27-Aug-1883 00:00:00	INDONESIA	35	-	MERAK, JAVA	5.92° S/106° E		
\diamond	27-Aug-1883 00:00:00	INDONESIA	30.6	-	KRAKATAU, JAVA	5° S / 105.42° E		
\diamond	27-Aug-1883 00:00:00	INDONESIA	30	36000	SUNDA STRAIT	6° S/105.75° E		
¢	27-Aug-1883 00:00:00	INDONESIA	22	-	TELUKBETUNG, SUMATRA	5.47° S/105.27° E		
\$	27-Aug-1883 00:00:00	INDONESIA	10	-	ANJER, JAVA	6.03° S/105.95° E		

Source: <u>Tsunamis</u>

Wildfires:

5 Large	5 Largest Wildfires								
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long					
	06-Sep-2006 00:00:00 - 09-Dec-2006 00:00:00	38.00	Indonesia	3.1° S/105.75° E					
	08-Oct-2006 00:00:00 - 27-Dec-2006 00:00:00	20.90	Indonesia	3.04° S/105.35° E					
	08-Aug-2006 00:00:00 - 24-Oct-2006 00:00:00	18.70	Indonesia	3.24° S / 103.5° E					
	25-Jun-2004 00:00:00 - 15-Oct-2004 00:00:00	16.10	Indonesia	4.46° S / 105.67° E					
	03-Aug-2006 00:00:00 - 10-Oct-2006 00:00:00	14.20	Indonesia	3.55° S/103.49° 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	

Event	1985-11- Name	25-Nov-1985 12:00:00 - 06-Dec-1985 Start/Epg.Date(UTC)	Max Wigg Speed (mph)	Min Pressure (mb)	Indiatation	11.5 ጊ೩/៧೫ g ^{5°} E
٢	1996-11- 20	20-Nov-1996 06:00:00 - 01-Dec-1996 06:00:00	75	No Data	Indian Ocean	6.54° S/86.9° E
٢	DAHLIA	30-Nov-2017 03:00:00 - 30-Nov-2017 09:00:00	40	-	-	8.9° S/105.3° E
٢	1973-03- 25	26-Mar-1973 00:00:00 - 01-Apr-1973 00:00:00	No Data	No Data	Indian Ocean	12.65° S/95.2° E
٢	1976-12- 15	15-Dec-1976 06:00:00 - 20-Dec-1976 18:00:00	No Data	No Data	Indian Ocean	12.65° S/92.45° 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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