

HONOLULU 02:01:19 30 Jun 2016 WASH.D.C. 08:01:19 30 Jun 2016 ZULU 12:01:19 30 Jun 2016 NAIROBI 15:01:19 30 Jun 2016 BANGKOK 19:01:19 30 Jun 2016 MAKASSAR 20:01:19 30 Jun 2016

Region Selected » Lower Left Latitude/Longitude: -2.495 N°, 120.5726 E° Upper Right Latitude/Longitude: 3.505 N°, 126.5726 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.

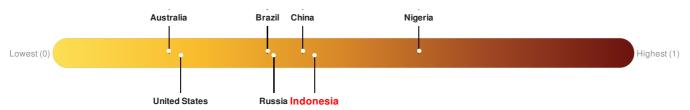
#### **Current Hazards:**

Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long		
	0	30-Jun-2016 12:00:46	5.2	256.87	41km S of Pimpi, Indonesia	0.51° N / 123.57° 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. **Indonesia** ranks **71** out of **165** on the Lack of Resilience index with a score of 0.45.



Indonesia ranks 71 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 Infrastructure, Marginalization and Info Access Vulnerability.

Source: PDC

#### **Regional Overview**

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## **Population Data:**

#### **Populated Areas:**

Total: 4, 244, 924

Max Density: 81,842(ppl/km<sup>2</sup>)



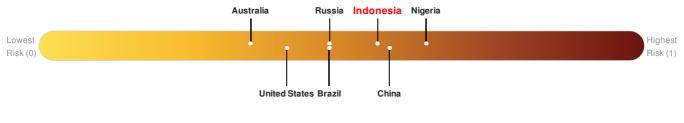
Source: iSciences

#### **Risk & Vulnerability**

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## **Multi Hazard Risk Index:**

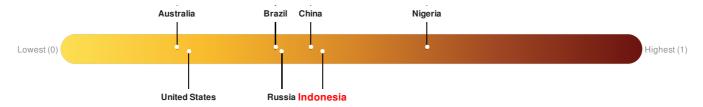
Indonesia ranks 40 out of 165 on the Multi-Hazard Risk Index with a score of 0.56. Indonesia is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.



Source: PDC

#### Lack of Resilience Index:

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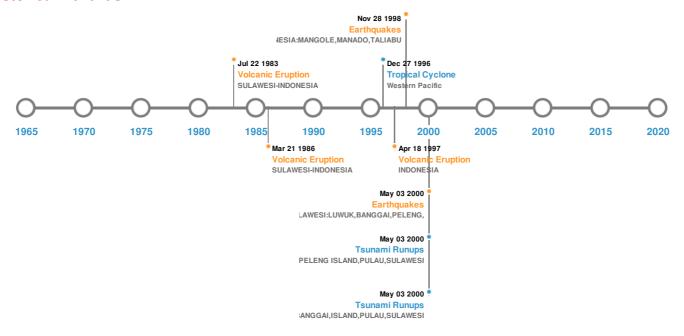
Indonesia ranks 71 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Infrastructure, Marginalization and Info Access Vulnerability.

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			
<b>*</b>	22-Jan-1905 00:02:00	8.40	90	INDONESIA: MINAHASSA PENINSULA	1° N / 123° E			
<b>*</b>	21-Dec-1939 00:21:00	8.00	150	INDONESIA: CENTRTAL SULAWESI: KALO,LUWUK,SULA I	0° / 123° E			
<b>*</b>	06-Sep-1889 00:00:00	8.00	-	N. MOLUCCAS ISLANDS, INDONESIA	1° N / 126.25° E			
<b>*</b>	29-Nov-1998 00:14:00	7.70	33	INDONESIA: MANGOLE, MANADO, TALIABU	2.07° S / 124.89° E			
<b>*</b>	04-May-2000 00:04:00	7.60	26	INDONESIA: SULAWESI: LUWUK, BANGGAI, PELENG,	1.1° S / 123.57° E			

Source: Earthquakes

# **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)								
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long			
	COLO [UNA UNA]	23-Jul-1983 00:00:00	4.00	SULAWESI-INDONESIA	0.17° S / 121.61° E			
	TONGKOKO	01-Jan-1680 00:00:00	4.00	SULAWESI-INDONESIA	1.52° N / 125.2° E			
	LOKON-EMPUNG	01-Jan-1375 00:00:00	4.00	SULAWESI-INDONESIA	1.36° N / 124.79° E			

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MT. KARANGETANG	19-Apr-1997 00:00:00	3.00	INDONESIA	2.78° N / 125.48° E
	LOKON-EMPUNG	22-Mar-1986 00:00:00	3.00	SULAWESI-INDONESIA	1.36° N / 124.79° E

Source: Volcanoes

# Tsunami Runups:

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
<b>\$</b>	02-Mar-1871 00:00:00	INDONESIA	25	277	TAHULANDAG I., MOLUCCAS	2.38° N / 125.39° E	
<b>\$</b>	29-Sep-1899 00:00:00	INDONESIA	9	-	LAIMU	1.37° N / 125.08° E	
<b>\$</b>	04-May-2000 00:00:00	INDONESIA	6	-	BANGGAI, ISLAND, PULAU, SULAWESI	1.57° S / 123.5° E	
<b>\$</b>	04-May-2000 00:00:00	INDONESIA	6	-	PELENG ISLAND, PULAU, SULAWESI	1.37° S / 123.5° E	
<b>\$</b>	06-Sep-1889 00:00:00	INDONESIA	4	-	KEMA, TERNATE ISLAND	1.38° N / 125.07° E	

Source: <u>Tsunamis</u>

# **Tropical Cyclones:**

5 Largest Tropical Cyclones							
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long	
	GREG	24-Dec-1996 18:00:00 - 28-Dec-1996 06:00:00	46	No Data	Western Pacific	4.53° N / 121.65° E	

Source: <u>Tropical Cyclones</u>

## **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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