Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	DILI
Area Brief: General	<b>08:43:18</b>	<b>14:43:18</b>	<b>18:43:18</b>	<b>21:43:18</b>	<b>01:43:18</b>	03:43:18
Executive Summary	29 May 2016	29 May 2016	29 May 2016	29 May 2016	30 May 2016	30 May 2016

Lower Left Latitude/Longitude: -10.2729 N° , 125.89179999999999 E°



Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to

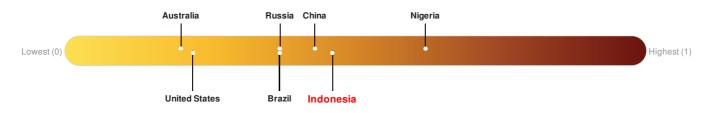
apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Current Hazards:**

Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long		
	0	29-May-2016 18:42:49	5.1	156.89	277km WNW of Saumlaki, Indonesia	7.27° S/128.89° E		
	0	28-May-2016 21:25:18	5	39.84	119km E of Aileu, East Timor	8.87° S / 126.64° E		

## 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 65 out of 165 on the Lack of Resilience index with a score of 0.46. There was insufficient data to determine the Lack of Resilience Index score for Timor-Leste.



Indonesia ranks 65 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.

There was insufficient data to determine the Lack of Resilience Index score for Timor-Leste.

#### **Regional Overview**

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.

## **Population Data:**

#### 2011

Total: 674, 712 Max Density: 14, 187(ppl/km<sup>2</sup>)

## **Populated Areas:**

No significant land or population areas exist within the current map extent. Please use <u>http://atlas.pdc.org/atlas/</u> for dynamic mapping capabilities.

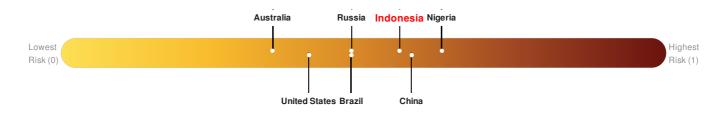
#### **Risk & Vulnerability**

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:**

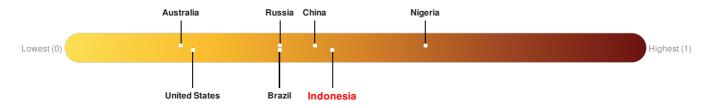
Indonesia ranks 40 out of 165 on the Multi-Hazard Risk Index with a score of 0.56. Indonesia is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

There was insufficient data to determine the Multi Hazard Risk Index score for Timor-Leste.



### 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 **65** out of **165** on the Lack of Resilience index with a score of 0.46. There was insufficient data to determine the Lack of Resilience Index score for **Timor-Leste**.

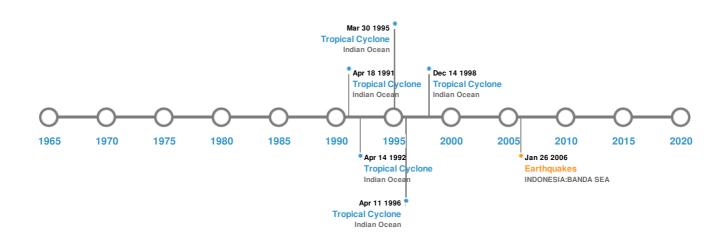


Indonesia ranks 65 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Infrastructure, Marginalization and Info Access Vulnerability.

There was insufficient data to determine the Lack of Resilience Index score for Timor-Leste.

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.

### **Historical Hazards:**



## Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)							
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long		
	01-Feb-1938 00:19:00	8.50	25	INDONESIA: BANDA SEA	5.25° S/130.5° E		
	02-Nov-1950 00:15:00	8.10	60	INDONESIA: BANDA SEA	6.5° S/129.5° E		
	18-Nov-1918 00:18:00	8.10	190	INDONESIA: BANDA SEA	7° S/129° E		
	30-Aug-1917 00:04:00	7.70	100	INDONESIA: BANDA SEA	7.5° S/128° E		
	27-Jan-2006 00:16:00	7.60	397	INDONESIA: BANDA SEA	5.47° S/128.13° E		

## **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long		
$\diamond$	SERUA	15-Jun-1687 00:00:00	4.00	BANDA SEA	6.3° S/130° E		
$\diamond$	TEON	18-Jan-1663 00:00:00	4.00	BANDA SEA	6.91° S / 129.13° E		
$\diamond$	TEON	11-Nov-1659 00:00:00	4.00	BANDA SEA	6.91° S/129.13° E		

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
$\diamond$	BANDA API	01-Dec-1632 00:00:00	4.00	BANDA SEA	4.53° S / 129.87° E
$\diamond$	BANDA API	01-Jan-1609 00:00:00	4.00	BANDA SEA	4.53° S/129.87° E

# **Tsunami Runups:**

5 Large	5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
$\diamond$	01-Aug-1629 00:00:00	INDONESIA	16	-	BANDANAIRA (BANDA-NEIRA), BANDA IS.	4.53° S / 129.9° E		
$\diamond$	26-Nov-1852 00:00:00	INDONESIA	14.5	60	BANDANAIRA (BANDA-NEIRA), BANDA IS.	4.53° S/129.9° E		
$\diamond$	01-Aug-1629 00:00:00	INDONESIA	4	-	LONTOR	4.55° S/129.87° E		
$\diamond$	26-Nov-1841 00:00:00	INDONESIA	3	-	BANDANAIRA (BANDA-NEIRA), BANDA IS.	4.53° S/129.9° E		
	01-Aug-1629 00:00:00	INDONESIA	3	-	FORT NASSAU	4.53° S/129.9° E		

# **Tropical Cyclones:**

5 Largest Tropical Cyclones							
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long	
٢	1998-12- 04	04-Dec-1998 06:00:00 - 15-Dec-1998 00:00:00	155	No Data	Indian Ocean	14.83° S/126.75° E	
Ø	1995-03- 29	30-Mar-1995 00:00:00 - 09-Apr-1995 00:00:00	144	No Data	Indian Ocean	14.18° S/126.1° E	
Ø	1996-04- 03	03-Apr-1996 18:00:00 - 11-Apr-1996 18:00:00	144	No Data	Indian Ocean	19.3° S/123.9° E	
0	1992-04- 04	05-Apr-1992 00:00:00 - 15-Apr-1992 06:00:00	138	No Data	Indian Ocean	11.4° S/128.4° E	
٢	1991-04- 08	09-Apr-1991 00:00:00 - 18-Apr-1991 18:00:00	109	No Data	Indian Ocean	15.32° S/120.9° E	

## 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.