| Pacific Disaster Center | HONOLULU | WASH.D.C. | ZULU | NAIROBI | BANGKOK | DILI |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
| Area Brief: General | 08:43:18 | 14:43:18 | 18:43:18 | 21:43:18 | 01:43:18 | 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

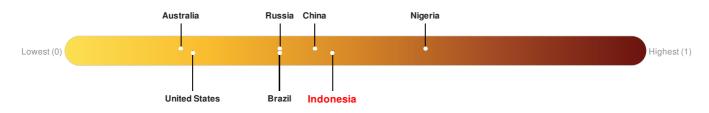
apply for access, please register here. Validation of registration information may take 24-48 hours.

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

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Population Data:

2011

Total: 674, 712 Max Density: 14, 187(ppl/km²)

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.

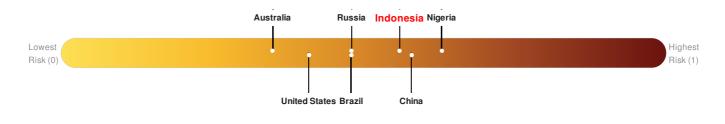
Risk & Vulnerability

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Multi Hazard Risk Index:

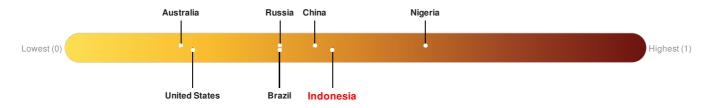
Indonesia ranks 40 out of 165 on the Multi-Hazard Risk Index with a score of 0.56. Indonesia is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

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**.

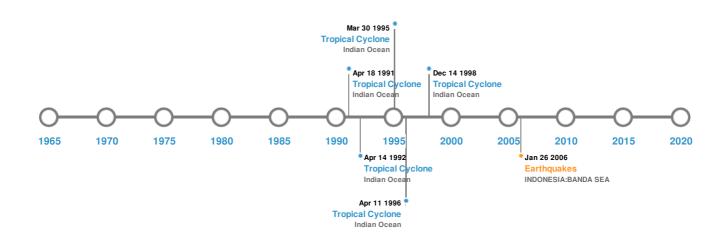


Indonesia ranks 65 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Infrastructure, Marginalization and Info Access Vulnerability.

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

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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 | | |
| | 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.

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