HONOLULU 08:17:47 19 Aug 2018 WASH.D.C. 14:17:47 19 Aug 2018 ZULU 18:17:47 19 Aug 2018 NAIROBI 21:17:47 19 Aug 2018 BANGKOK 01:17:47 20 Aug 2018 MAKASSAR 02:17:47 20 Aug 2018

Region Selected » Lower Left Latitude/Longitude: -11.426 N°, ,113.565 E° Upper Right Latitude/Longitude: -5.426 N°, ,119.565 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        | 19-Aug-2018 16:58:56 | 5.3       | 10         | 17km E of Sambelia, Indonesia         | 8.37° S/116.85° E   |  |  |  |
|                    | 0        | 19-Aug-2018 16:41:08 | 5         | 10         | 15km ESE of Sambelia, Indonesia       | 8.43° S / 116.82° E |  |  |  |
|                    | 1        | 19-Aug-2018 15:49:15 | 5.5       | 10         | 5km SSE of Sembalunbumbung, Indonesia | 8.43° S / 116.56° E |  |  |  |
|                    | !        | 19-Aug-2018 15:39:32 | 5.9       | 10         | 8km ESE of Sembalunbumbung, Indonesia | 8.42° S/116.61° E   |  |  |  |
|                    | 0        | 19-Aug-2018 15:18:33 | 6.9       | 25.62      | 2km S of Belanting, Indonesia         | 8.32° S/116.63° E   |  |  |  |
|                    | !        | 19-Aug-2018 04:31:49 | 6.3       | 7.91       | 6km NE of Sembalunlawang, Indonesia   | 8.32° S/116.58° E   |  |  |  |
|                    | 0        | 19-Aug-2018 04:24:52 | 5.4       | 10         | 6km ESE of Sembalunbumbung, Indonesia | 8.4° S/116.6° E     |  |  |  |

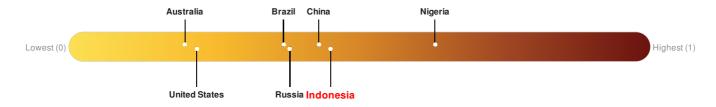
| Active | Active Volcanoes |                      |                            |        |                     |          |                  |                    |  |
|--------|------------------|----------------------|----------------------------|--------|---------------------|----------|------------------|--------------------|--|
| Event  | Severity         | Last Updated (UTC)   | Name                       | Region | Primary Observatory | Activity | More Information | Lat/Long           |  |
|        | !                | 20-Sep-2017 19:25:25 | Volcano - Agung, Indonesia | -      | -                   | -        | -                | 8.35° S / 115.5° E |  |

Event Severity Last Updated (UTC) Name Region Primary Observatory Activity More Information Lat/Long
Source: PDC

#### 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 165 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 more able to respond to and recover from a disruption to normal function.



Source: PDC

#### **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: 14, 353, 629

**Max Density: 74, 789**(ppl/km<sup>2</sup>)

# **Populated Areas:**



Source: iSciences

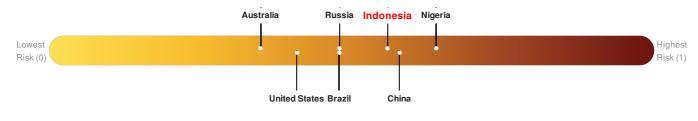
#### **Risk & Vulnerability**

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

Multi-Hazard Exposure Indonesia ranks 40 out of 165 countries assessed for Multi Hazard Risk. Indonesia has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Indonesia has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



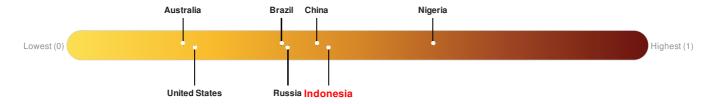
Source: PDC

#### 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 165 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 more able to respond to and recover from a disruption to normal function.

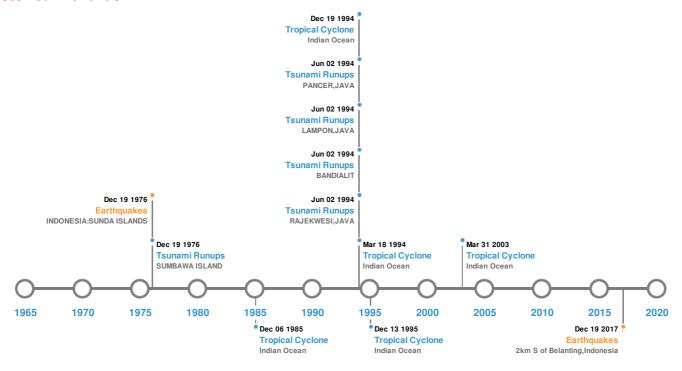


Source: PDC

#### **Historical Hazards**

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             |  |  |  |
| <b></b>   | 08-Nov-1818 00:00:00 | 8.50      | 600        | INDONESIA: SUMBAWA ISLAND: BIMA | 7° S/117° E          |  |  |  |
| <b>*</b>  | 19-Aug-1977 00:06:00 | 8.00      | 33         | INDONESIA: SUNDA ISLANDS        | 11.08° S / 118.46° E |  |  |  |
| <b>*</b>  | 28-Nov-1836 00:00:00 | 7.50      | -          | FLORES SEA                      | 8.3° S / 118.7° E    |  |  |  |
| <b>*</b>  | 13-May-1857 00:00:00 | 7.00      | 50         | BALI SEA                        | 8° S/115.5° E        |  |  |  |
| <b></b>   | 19-Aug-2018 14:56:28 | 6.90      | 25.62      | 2km S of Belanting, Indonesia   | 8.32° S / 116.63° E  |  |  |  |

Source: Earthquakes

# **Volcanic Eruptions:**

| 5 Largest Volcanic Eruptions (Last updated in 2000) |         |                      |                            |                          |                     |  |  |  |
|---|---------|----------------------|----------------------------|--------------------------|---------------------|--|--|--|
| Event   | Name    | Date (UTC)           | Volcanic Explosivity Index | Location                 | Lat/Long            |  |  |  |
| <b>♦</b>  | TAMBORA | 05-Apr-1815 00:00:00 | 7.00                       | LESSER SUNDA I-INDONESIA | 8.25° S / 118° E    |  |  |  |
|   | AGUNG   | 17-Mar-1963 00:00:00 | 4.00                       | LESSER SUNDA IS          | 8.34° S / 115.51° E |  |  |  |

| Event    | Name         | Date (UTC)           | Volcanic Explosivity Index | Location        | Lat/Long            |
|----------|--------------|----------------------|----------------------------|-----------------|---------------------|
|          | RAUNG        | 01-Jan-1817 00:00:00 | 4.00                       | JAVA            | 8.13° S / 114.04° E |
| <b>♦</b> | RAUNG        | 01-Jan-1593 00:00:00 | 4.00                       | JAVA            | 8.13° S / 114.04° E |
|          | SANGEANG API | 01-Jan-1512 00:00:00 | 4.00                       | LESSER SUNDA IS | 8.18° S / 119.06° E |

Source: Volcanoes

# Tsunami Runups:

| 5 Largest Tsunami Runups |                      |           |           |        |                 |                     |  |  |
|--------------------------|----------------------|-----------|-----------|--------|-----------------|---------------------|--|--|
| Event                    | Date (UTC)           | Country   | Runup (m) | Deaths | Location        | Lat/Long            |  |  |
| <b>\$</b>                | 02-Jun-1994 00:00:00 | INDONESIA | 13.9      | 47     | RAJEKWESI, JAVA | 8.56° S / 113.94° E |  |  |
| <b>\$</b>                | 02-Jun-1994 00:00:00 | INDONESIA | 11.3      | -      | BANDIALIT       | 8.5° S / 113.7° E   |  |  |
| <b>♦</b>                 | 02-Jun-1994 00:00:00 | INDONESIA | 11        | 49     | LAMPON, JAVA    | 8.62° S / 114.09° E |  |  |
| <b>♦</b>                 | 19-Aug-1977 00:00:00 | INDONESIA | 10        | 189    | SUMBAWA ISLAND  | 8.9° S / 118.08° E  |  |  |
| <b>\$</b>                | 02-Jun-1994 00:00:00 | INDONESIA | 9.5       | 137    | PANCER, JAVA    | 8.59° S / 114° E    |  |  |

Source: <u>Tsunamis</u>

# **Tropical Cyclones:**

| 5 Largest Tropical Cyclones |                |  |                         |                      |              |                     |  |  |
|-----------------------------|----------------|--|-------------------------|----------------------|--------------|---------------------|--|--|
| Event                       | Name           | Start/End Date(UTC)                            | Max Wind Speed<br>(mph) | Min Pressure<br>(mb) | Location     | Lat/Long            |  |  |
|                             | INIGO          | 02-Apr-2003 00:00:00 - 08-Apr-2003<br>00:00:00 | 161                     | No Data              | Indian Ocean | 15.18° S / 116.5° E |  |  |
|                             | 1995-12-<br>06 | 06-Dec-1995 06:00:00 - 13-Dec-1995<br>18:00:00 | 132                     | No Data              | Indian Ocean | 19.4° S / 116.2° E  |  |  |
|                             | 1994-12-<br>10 | 10-Dec-1994 06:00:00 - 19-Dec-1994<br>18:00:00 | 127                     | No Data              | Indian Ocean | 19.5° S / 119.55° E |  |  |
|                             | 1994-03-<br>12 | 12-Mar-1994 18:00:00 - 18-Mar-1994<br>18:00:00 | 127                     | No Data              | Indian Ocean | 16.32° S / 111.2° E |  |  |
|                             | 1985-11-<br>25 | 25-Nov-1985 12:00:00 - 06-Dec-1985<br>12:00:00 | 86                      | No Data              | Indian Ocean | 11.5° S/107.75° E   |  |  |

Source: Tropical Cyclones

## **Disclosures**

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<sup>\*</sup> 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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