



**Region Selected** » Lower Left Latitude/Longitude: -22.8499 N° , -180.0 E°  
 Upper Right Latitude/Longitude: -16.8499 N° , -175.2738 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
		24-Sep-2016 21:44:58	-	-	-	19.85° S / 178.27° W

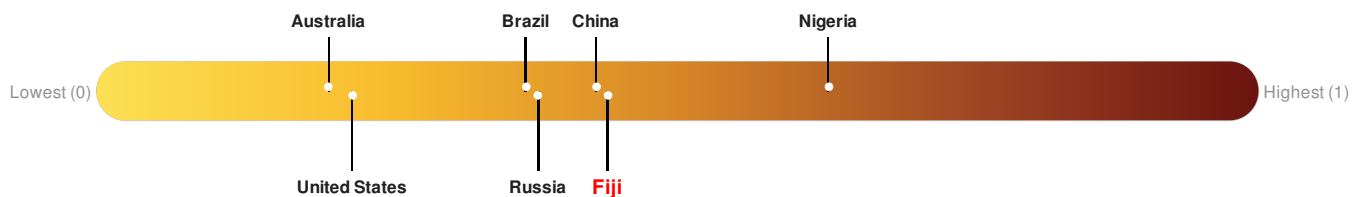
#### Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		24-Sep-2016 21:36:35	Tsunami Information (Pacific Ocean) - Fiji Region - 6.8	19.8° S / 178° W

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. There was insufficient data to determine the Lack of Resilience Index score for **Tonga**. **Fiji** ranks **79** out of **165** on the Lack of Resilience index with a score of 0.44.



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**Fiji** ranks **79** 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 Environmental Capacity, Recent Disaster Impacts and Marginalization.

Source: [PDC](#)

## Regional Overview

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### Population Data:

2011

Total: 25, 527

Max Density: 2, 032(ppl/km<sup>2</sup>)

### Populated Areas:

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

Source: [iSciences](#)

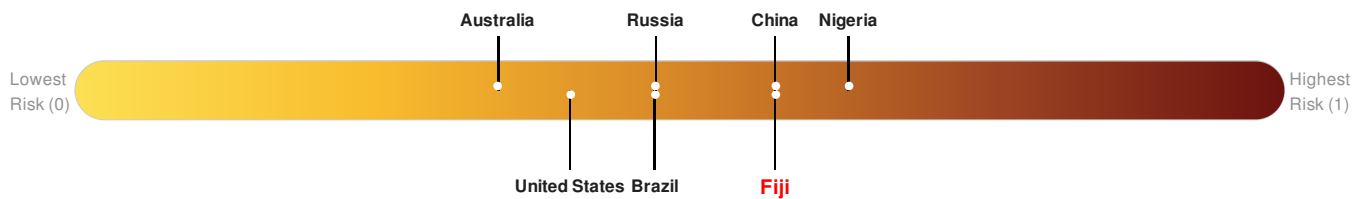
## Risk & Vulnerability

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### Multi Hazard Risk Index:

There was insufficient data to determine the Multi Hazard Risk Index score for **Tonga**.

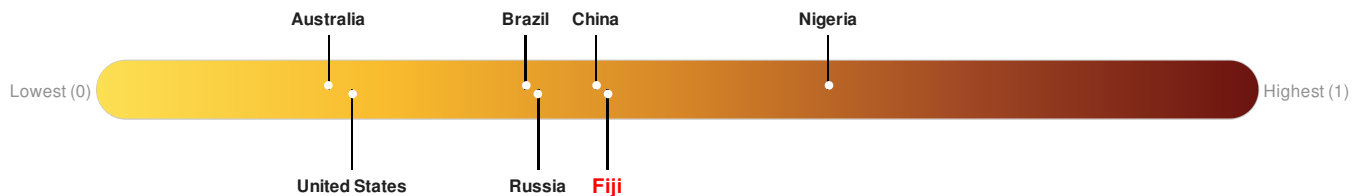
**Fiji** ranks 32 out of 165 on the Multi-Hazard Risk Index with a score of 0.58. Fiji is estimated to have relatively very high overall exposure, low vulnerability, and medium coping capacity.



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. There was insufficient data to determine the Lack of Resilience Index score for **Tonga**. **Fiji** ranks 79 out of 165 on the Lack of Resilience index with a score of 0.44.



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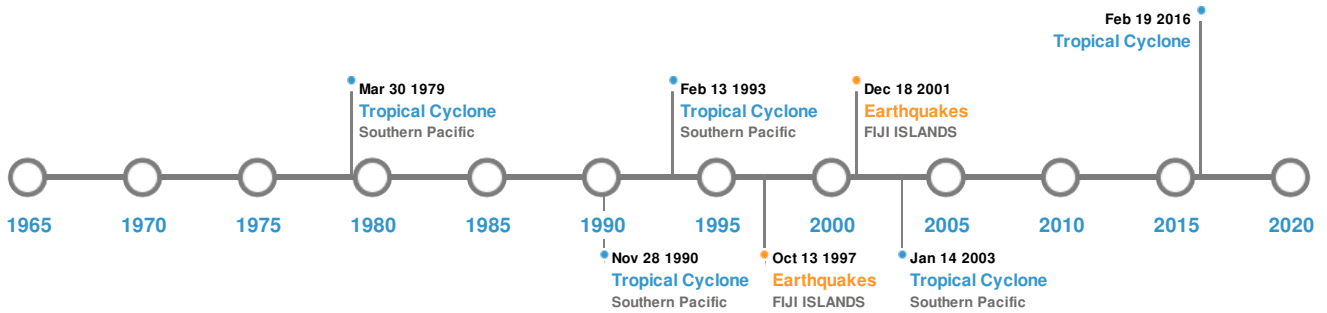
**Fiji** ranks 79 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Recent Disaster Impacts and Marginalization.

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
	01-Jan-1919 00:02:00	8.30	180	FIJI ISLANDS	19.5° S / 176.5° W
	16-Apr-1937 00:03:00	8.10	400	FIJI ISLANDS	21.5° S / 177° W
	22-Feb-1909 00:09:00	7.80	550	FIJI ISLANDS	18° S / 179° W
	19-Aug-2002 00:11:00	7.70	580	FIJI ISLANDS	21.7° S / 179.51° W
	14-Oct-1997 00:09:00	7.70	167	FIJI ISLANDS	22.1° S / 176.77° W

Source: [Earthquakes](#)

### Volcanic Eruptions:

#### 5 Largest Volcanic Eruptions (Last updated in 2000)






Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	FALCON ISLAND	11-Oct-1885 00:00:00	3.00	TONGA-SW PACIFIC	20.31° S / 175.41° W
	TOFUJA	31-Dec-1958 00:00:00	2.00	TONGA-SW PACIFIC	19.75° S / 176.08° W
	FALCON ISLAND	01-Jun-1936 00:00:00	2.00	TONGA-SW PACIFIC	20.31° S / 175.41° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	FALCON ISLAND	01-Apr-1933 00:00:00	2.00	TONGA-SW PACIFIC	20.31° S / 175.41° W
	FALCON ISLAND	01-May-1928 00:00:00	2.00	TONGA-SW PACIFIC	20.31° S / 175.41° W

Source: [Volcanoes](#)

## Tropical Cyclones:

### 5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	WINSTON	12-Feb-2016 00:00:00 - 20-Feb-2016 00:00:00	184	-	-	18.99° S / 177.51° W
	1990-11-23	23-Nov-1990 12:00:00 - 29-Nov-1990 06:00:00	144	No Data	Southern Pacific	14.13° S / 0°
	1979-03-24	24-Mar-1979 06:00:00 - 31-Mar-1979 06:00:00	132	No Data	Southern Pacific	26.4° S / 0°
	1993-02-03	03-Feb-1993 06:00:00 - 13-Feb-1993 18:00:00	132	No Data	Southern Pacific	19.15° S / 0°
	AMI	12-Jan-2003 06:00:00 - 14-Jan-2003 18:00:00	127	No Data	Southern Pacific	18.4° S / 0°

Source: [Tropical Cyclones](#)

## Disclosures

\* As defined by the source ([Dartmouth Flood Observatory](#), 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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