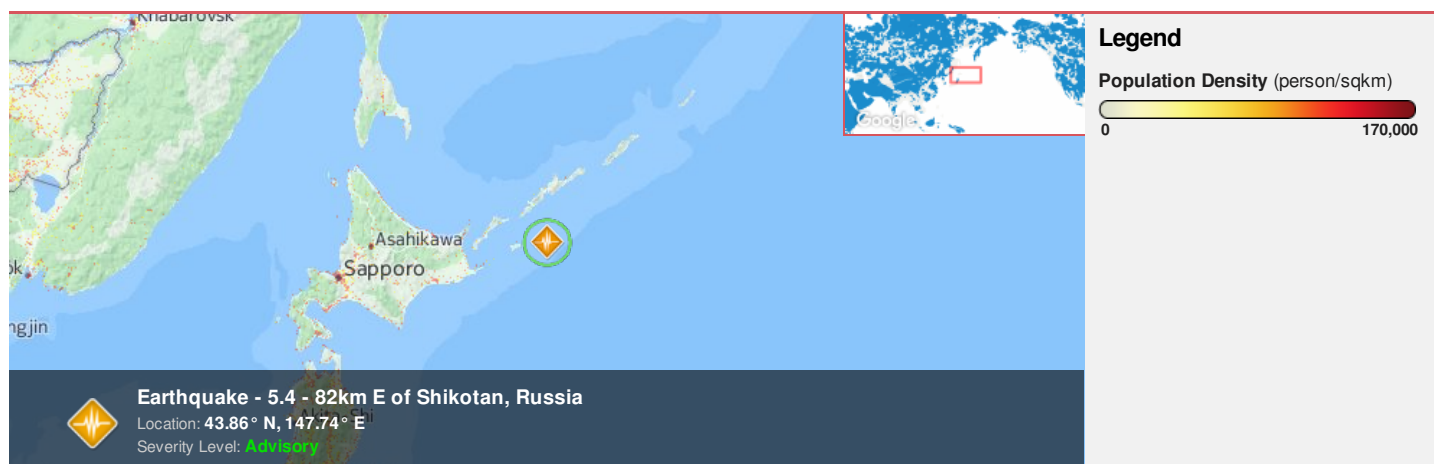




**Region Selected** » Lower Left Latitude/Longitude: 40.8569 N°, 144.7403 E°  
 Upper Right Latitude/Longitude: 46.8569 N°, 150.7403 E°



### 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:

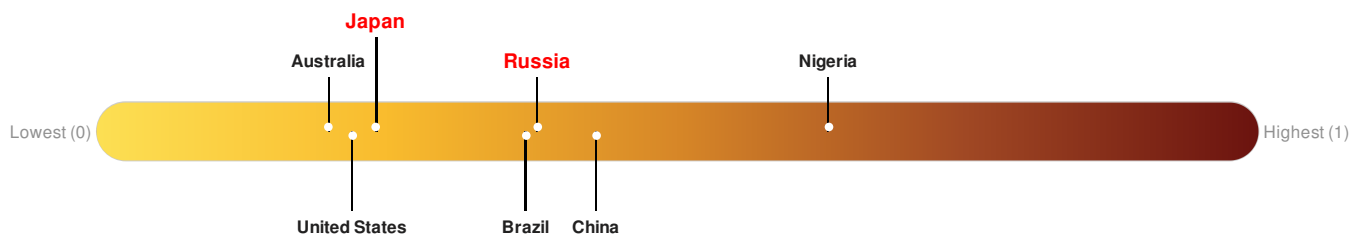
#### Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		22-May-2017 11:21:34	5.4	48.86	82km E of Shikotan, Russia	43.86° N / 147.74° 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. **Russia** ranks **99** out of **165** on the Lack of Resilience index with a score of 0.38. **Japan** ranks **140** out of **165** on the Lack of Resilience index with a score of 0.24.



**Russia** ranks **99** 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 Governance, Marginalization and Environmental Capacity.

**Japan** ranks **140** 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 Recent Disaster Impacts, Marginalization and Environmental Capacity.

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: 124, 051

Max Density: 5, 245(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](#)

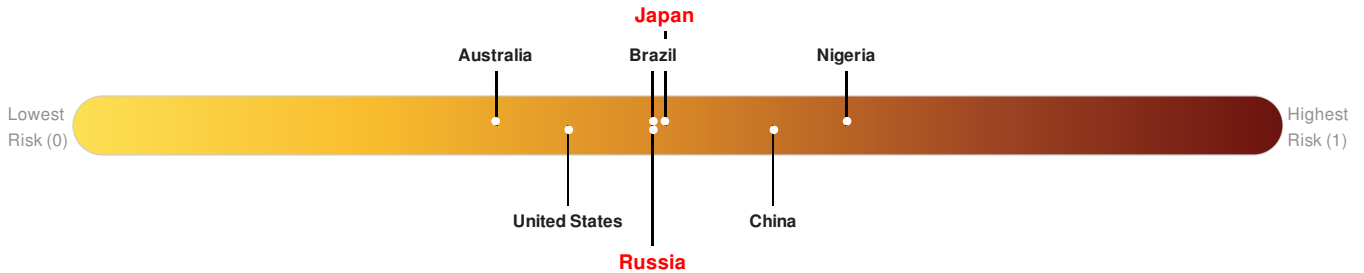
### Risk & Vulnerability

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:

**Russia** ranks 89 out of 165 on the Multi-Hazard Risk Index with a score of 0.48. Russia is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

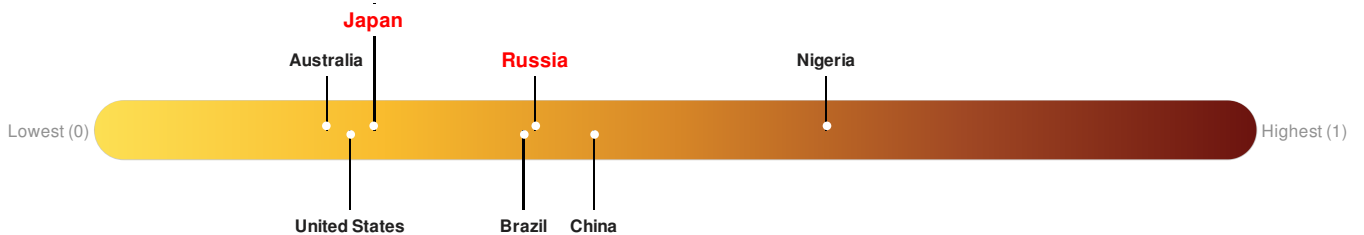
**Japan** ranks 81 out of 165 on the Multi-Hazard Risk Index with a score of 0.49. Japan is estimated to have relatively very high overall exposure, low vulnerability, and very high coping capacity.



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. **Russia** ranks 99 out of 165 on the Lack of Resilience index with a score of 0.38. **Japan** ranks 140 out of 165 on the Lack of Resilience index with a score of 0.24.



**Russia** ranks 99 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 Governance, Marginalization and Environmental Capacity.

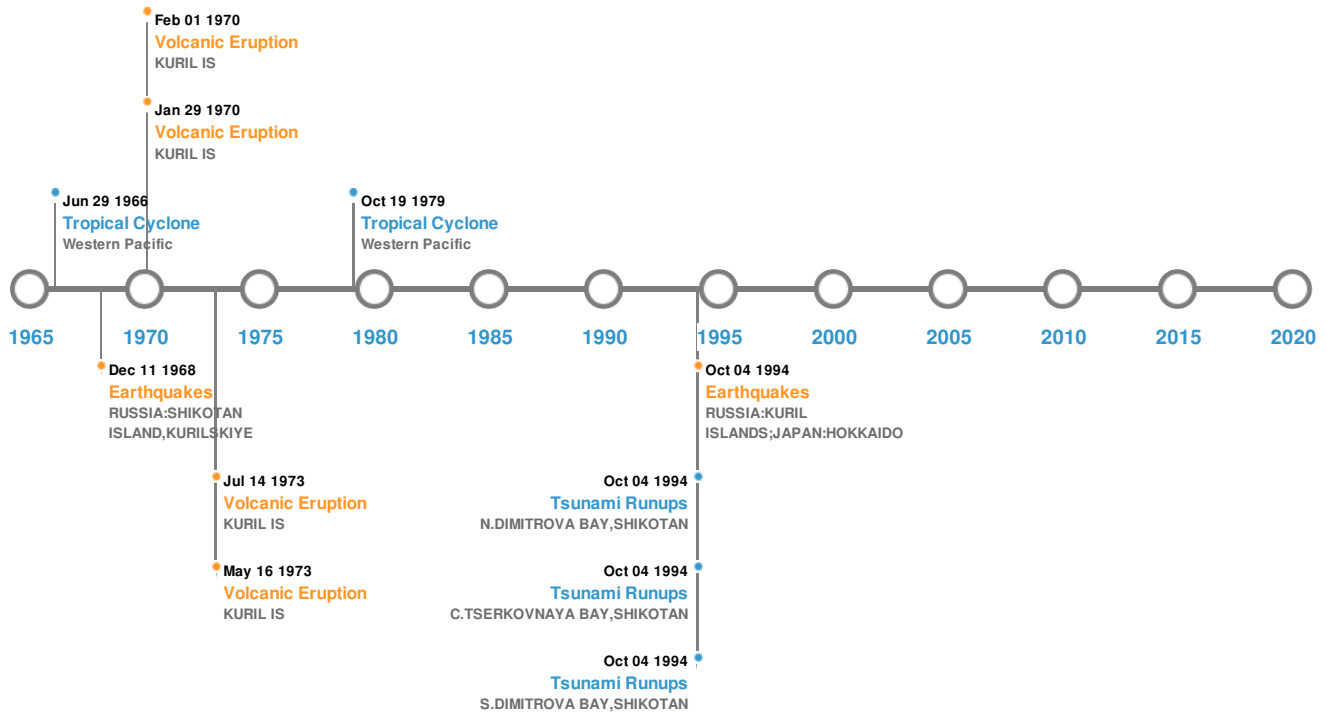
**Japan** ranks 140 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

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
	13-Oct-1963 00:05:00	8.50	47	RUSSIA: KURIL ISLANDS	44.81° N / 149.54° E
	25-Apr-1843 00:00:00	8.40	-	JAPAN: HOKKAIDO: YEZO, KUSHIRO, NEMURO	42° N / 146° E
	04-Oct-1994 00:13:00	8.30	14	RUSSIA: KURIL ISLANDS; JAPAN: HOKKAIDO	43.77° N / 147.32° E
	06-Nov-1958 00:22:00	8.30	40	RUSSIA: KURIL ISLANDS: S	44.53° N / 148.54° E
	11-Aug-1969 00:21:00	8.20	30	RUSSIA: SHIKOTAN ISLAND, KURILSKIYE	43.6° N / 147.9° E

Source: [Earthquakes](#)

### Volcanic Eruptions:






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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TIATIA	14-Jul-1973 00:00:00	4.00	KURIL IS	44.35° N / 146.25° E
	GROZNY GROUP	16-May-1973 00:00:00	3.00	KURIL IS	45.01° N / 147.86° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	KOLOKOL GROUP	01-Feb-1970 00:00:00	3.00	KURIL IS	46.05° N / 150.06° E
	KOLOKOL GROUP	29-Jan-1970 00:00:00	3.00	KURIL IS	46.05° N / 150.06° E
	SHIRETOKO-IWO-ZAN	09-Aug-1889 00:00:00	3.00	HOKKAIDO-JAPAN	44.13° N / 145.17° E






Source: [Volcanoes](#)

## Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	20-Oct-1963 00:00:00	RUSSIA	15	-	URUP, KURILSKIYE	46.2° N / 150.55° E
	29-Jun-1780 00:00:00	RUSSIA	12	-	URUP	45.9° N / 150° E
	04-Oct-1994 00:00:00	RUSSIA	10.4	-	S. DIMITROVA BAY, SHIKOTAN	43.79° N / 146.82° E
	04-Oct-1994 00:00:00	RUSSIA	8.5	-	C.TSERKOVNAYA BAY,SHIKOTAN	43.74° N / 146.69° E
	04-Oct-1994 00:00:00	RUSSIA	8.2	-	N. DIMITROVA BAY, SHIKOTAN	43.8° N / 146.82° E

Source: [Tsunamis](#)

## Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	NANCY	07-Sep-1961 18:00:00 - 17-Sep-1961 12:00:00	213	No Data	Western Pacific	31.48° N / 146.6° E
	VIOLET	04-Oct-1961 06:00:00 - 11-Oct-1961 12:00:00	207	No Data	Western Pacific	30.93° N / 142.35° E
	IDA	20-Sep-1958 18:00:00 - 27-Sep-1958 18:00:00	201	No Data	Western Pacific	26.88° N / 140.85° E
	KIT	22-Jun-1966 06:00:00 - 29-Jun-1966 18:00:00	196	No Data	Western Pacific	26.45° N / 141.6° E
	TIP	04-Oct-1979 06:00:00 - 19-Oct-1979 18:00:00	190	No Data	Western Pacific	23.8° N / 141.4° E

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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