



**Pacific Disaster Center**  
*Area Brief: General  
Executive Summary*

HONOLULU  
17:31:02  
25 Oct 2018

WASH.D.C.  
23:31:02  
25 Oct 2018

ZULU  
03:31:02  
26 Oct 2018

NAIROBI  
06:31:02  
26 Oct 2018

URUMQI  
09:31:02  
26 Oct 2018

BANGKOK  
10:31:02  
26 Oct 2018

**Region Selected »** Lower Left Latitude/Longitude: 41.2018 N° , 79.5945 E°  
Upper Right Latitude/Longitude: 47.2018 N° , 85.5945 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-Oct-2018 21:54:54	5.1	10	113km ENE of Yining Xian, China	44.2° N / 82.59° E

Source: [PDC](#)

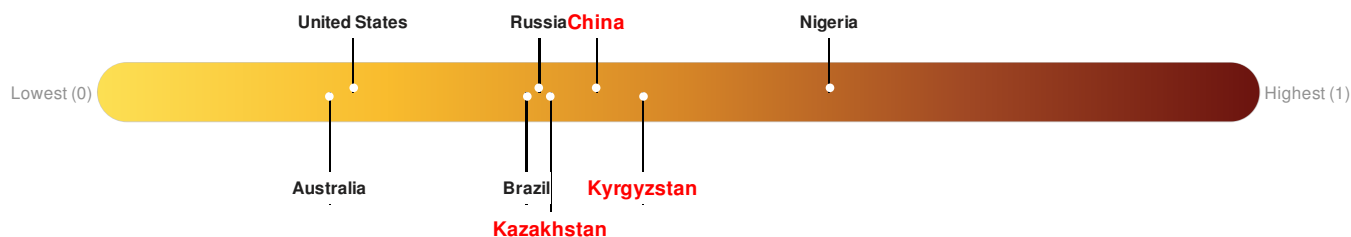
## Lack of Resilience Index:

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.

**China** ranks **82** out of **164** countries assessed for Lack of Resilience. China is less resilient than 50% of countries assessed. This indicates that China has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

**Kazakhstan** ranks **92** out of **164** countries assessed for Lack of Resilience. Kazakhstan is less resilient than 44% of countries assessed. This indicates that Kazakhstan has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.

**Kyrgyzstan** ranks **61** out of **164** countries assessed for Lack of Resilience. Kyrgyzstan is less resilient than 63% of countries assessed. This indicates that Kyrgyzstan has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

### Regional Overview

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Population Data:

2011

Total: 5, 890, 662  
Max Density: 46, 407(ppl/km<sup>2</sup>)

Source: [ISciences](#)

Risk & Vulnerability

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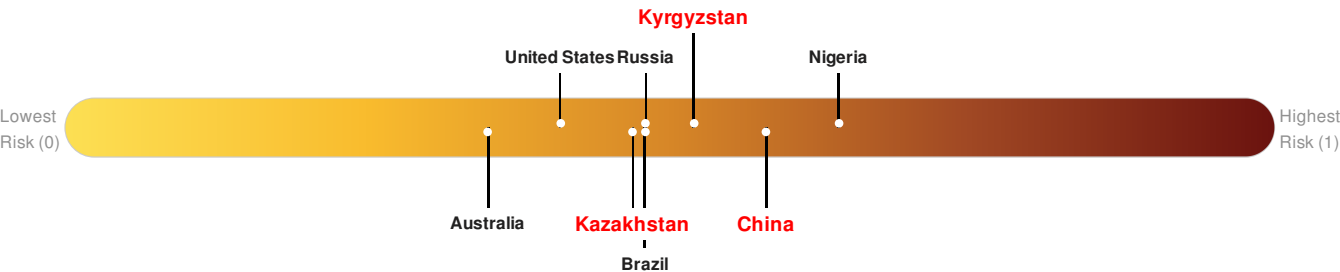
Multi Hazard Risk Index:

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

**China** ranks 19 out of 164 countries assessed for Multi Hazard Risk. China has a Multi Hazard Risk higher than 81% of countries assessed. This indicates that China has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

**Kazakhstan** ranks 59 out of 164 countries assessed for Multi Hazard Risk. Kazakhstan has a Multi Hazard Risk higher than 41% of countries assessed. This indicates that Kazakhstan has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

**Kyrgyzstan** ranks 40 out of 164 countries assessed for Multi Hazard Risk. Kyrgyzstan has a Multi Hazard Risk higher than 60% of countries assessed. This indicates that Kyrgyzstan has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: [PDC](#)

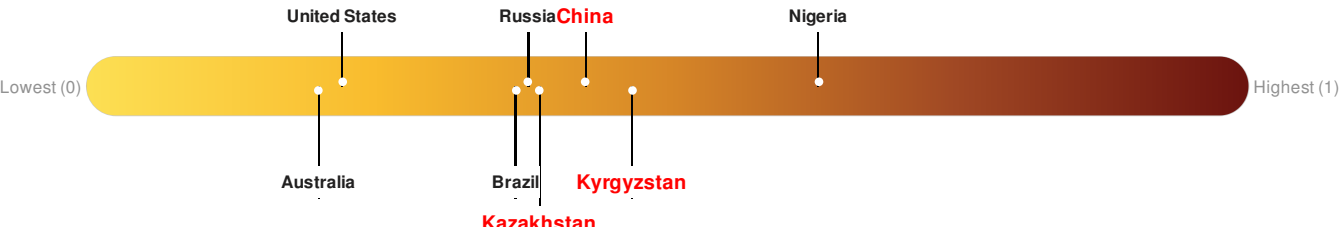
Lack of Resilience Index:

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.

**China** ranks 82 out of 164 countries assessed for Lack of Resilience. China is less resilient than 50% of countries assessed. This indicates that China has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

**Kazakhstan** ranks 92 out of 164 countries assessed for Lack of Resilience. Kazakhstan is less resilient than 44% of countries assessed. This indicates that Kazakhstan has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.

**Kyrgyzstan** ranks 61 out of 164 countries assessed for Lack of Resilience. Kyrgyzstan is less resilient than 63% of countries assessed. This indicates that Kyrgyzstan has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

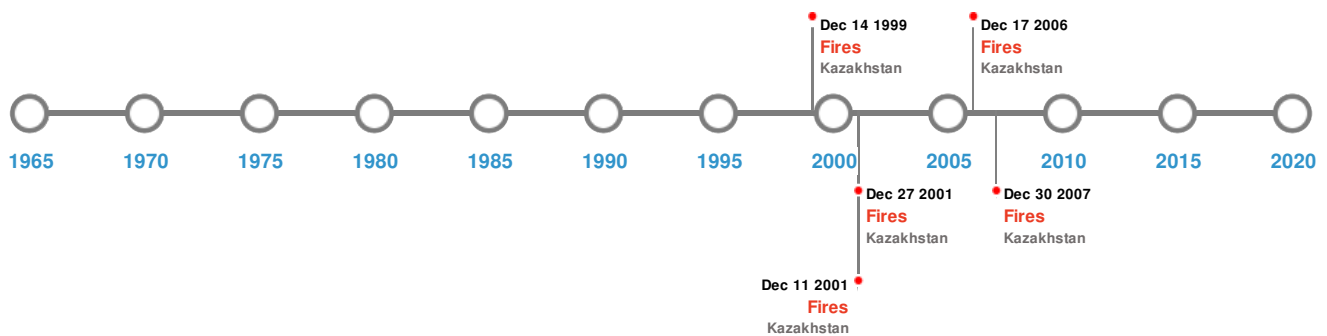


Source: [PDC](#)

## 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
	22-Dec-1906 00:18:00	8.30	33	CHINA: XINJIANG PROVINCE	43.5° N / 85° E
	08-Mar-1812 00:00:00	8.00	-	CHINA: XINJIANG	43.7° N / 83° E
	23-Feb-1949 00:16:00	7.30	-	CHINA: XINJIANG	42° N / 84° E
	09-Mar-1944 00:22:00	7.20	-	CHINA: XINJIANG PROVINCE	44° N / 84° E
	17-Dec-1893 00:00:00	6.80	-	CHINA: XINJIANG	41.7° N / 82.8° E

Source: [Earthquakes](#)

### Wildfires:

#### 5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	07-May-2008 07:10:00 - 30-Aug-2008 21:20:00	32.70	Kazakhstan	46.67° N / 81.19° E
	20-Sep-2002 00:00:00 - 27-Sep-2002 00:00:00	12.20	Kazakhstan	45.91° N / 80.75° E

 Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	06-Sep-2000 00:00:00 - 14-Sep-2000 00:00:00	10.00	Kazakhstan	47.19° N / 84.86° E
	05-Aug-2002 00:00:00 - 11-Aug-2002 00:00:00	9.70	Kazakhstan	46.82° N / 81.06° E
	03-Sep-2007 00:00:00 - 17-Sep-2007 00:00:00	8.80	Kazakhstan	45.89° N / 81.05° E

Source: [Wildfires](#)

## 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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