HONOLULU 17:57:11 28 Apr 2017 WASH.D.C. **23:57:11** 28 Apr 2017

ZULU 03:57:11 29 Apr 2017 NAIROBI 06:57:11 29 Apr 2017 BANGKOK 10:57:11 29 Apr 2017 IRKUTSK 11:57:11 29 Apr 2017

Region Selected » Lower Left Latitude/Longitude: 49.776225355 N°, 101.282642215 E° Upper Right Latitude/Longitude: 55.776225355 N°, 107.282642215 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.

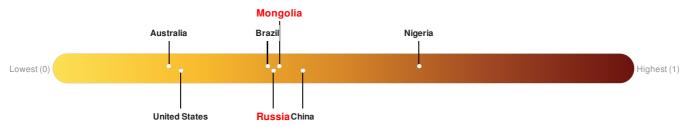
### **Current Hazards:**

Active Wild Fire							
Event	Severity	Date (UTC)	Name	Lat/Long			
	•	29-Apr-2017 03:51:28	Wildfire - W of Ust Ordynskiy, Ust-Orda Buryat - Russia	52.78° N / 104.28° E			
	0	29-Apr-2017 03:51:27	Wildfire - S of Zima, Irkutsk - Russia	53.64° N / 102.09° E			

# Source: <u>PDC</u>

## **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. **Mongolia** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.39.



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.

Mongolia ranks 92 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 Clean Water Vulnerability, Population Pressures and Vulnerability Health Status.

### **Regional Overview**

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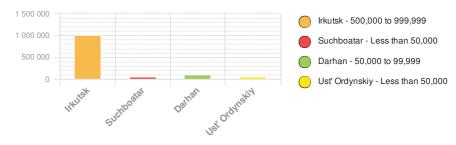
## **Population Data:**

### 2011

Total: 1, 937, 874

**Max Density: 16, 071** (ppl/km<sup>2</sup>)

# **Populated Areas:**



Source: iSciences

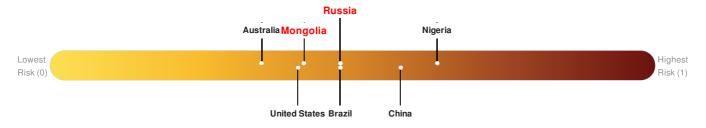
#### **Risk & Vulnerability**

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#### 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.

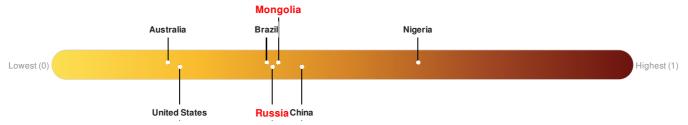
Mongolia ranks 117 out of 165 on the Multi-Hazard Risk Index with a score of 0.42. Mongolia is estimated to have relatively medium overall exposure, low vulnerability, and medium coping capacity.



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. Russia ranks 99 out of 165 on the Lack of Resilience index with a score of 0.38. Mongolia ranks 92 out of 165 on the Lack of Resilience index with a score of 0.39.



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.

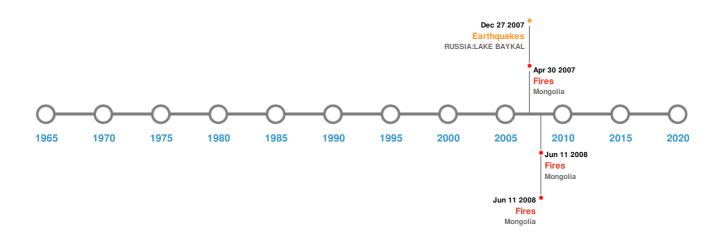
Mongolia ranks 92 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Clean Water Vulnerability, Population Pressures and Vulnerability Health Status.

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			
<b>*</b>	27-Jun-1742 00:05:00	7.70	40	RUSSIA: LAKE BAYKAL	53.3° N / 104° E			
<b>*</b>	12-Jan-1862 00:07:00	7.50	40	RUSSIA: LAKE BAYKAL	52.3° N / 106.7° E			
<b>*</b>	07-Mar-1829 00:22:00	7.50	40	RUSSIA: LAKE BAYKAL	51.4° N / 104.1° E			
<b>*</b>	24-Oct-1769 00:13:00	7.30	40	RUSSIA: LAKE BAYKAL	51.8° N / 105.5° E			
<b>*</b>	27-Aug-2008 00:01:00	6.20	16	RUSSIA: LAKE BAYKAL	51.61° N / 104.16° E			

Source: Earthquakes

# Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
<b>•</b>	02-Jun-2008 14:00:00 - 11-Jun-2008 19:40:00	18.00	Mongolia	49.86° N / 107.1° E			
	29-Apr-2007 00:00:00 - 30-Apr-2007 00:00:00	16.80	Mongolia	49.81° N / 102.86° E			



Source: Wildfires

## **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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