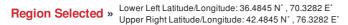
<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	NAIROBI	DUSHANBE	BANGKOK
	Area Brief: General	<b>12:01:21</b>	<b>18:01:21</b>	<b>22:01:21</b>	<b>01:01:21</b>	03:01:21	<b>05:01:21</b>
	Executive Summary	28 Jun 2016	28 Jun 2016	28 Jun 2016	29 Jun 2016	29 Jun 2016	29 Jun 2016





Situational Awareness

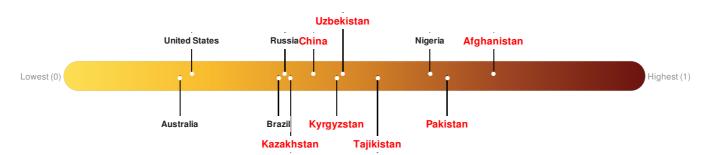
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

# **Current Hazards:**

Recent Earthquakes							
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long	
	0	28-Jun-2016 21:56:47	5.4	17.18	Kyrgyzstan	39.48° N / 73.33° 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. Afghanistan ranks 1 out of 165 on the Lack of Resilience index with a score of 0.74. China ranks 82 out of 165 on the Lack of Resilience index with a score of 0.43. Kazakhstan ranks 92 out of 165 on the Lack of Resilience index with a score of 0.39. Kyrgyzstan ranks 61 out of 165 on the Lack of Resilience index with a score of 0.47. Pakistan ranks 8 out of 165 on the Lack of Resilience index with a score of 0.66. Tajikistan ranks 44 out of 165 on the Lack of Resilience index with a score of 0.48.



Afghanistan ranks 1 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 Conflict Impacts, Environmental Capacity and Infrastructure.

China ranks 82 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, Governance and Marginalization.

Kazakhstan 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 Environmental Capacity, Governance and Marginalization.

Kyrgyzstan ranks 61 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, Governance and Economic Constraints.

Pakistan ranks 8 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 Stress, Conflict Impacts and Info Access Vulnerability.

Tajikistan ranks 44 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, Governance and Population Pressures.

Uzbekistan ranks 58 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, Governance and Environmental Stress.

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.

**Populated Areas:** 

### **Population Data:**

#### 2011 Naryn - Less than 50,000 Namangan - 250,000 to 499,999 500 000 Total: 13, 760, 531 Andizhan - 250,000 to 499,999 Max Density: 45, 072(ppl/km<sup>2</sup>) Osh - 100,000 to 249,999 400 000 Kashi - 100,000 to 249,999 Feyzabad - Less than 50,000 300 000 Fergana - 100,000 to 249,999 Source: iSciences 200 000 100 000 Namangan Andizhan OSh Kashi Feytabad Fergani

#### **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:**

Afghanistan ranks 1 out of 165 on the Multi-Hazard Risk Index with a score of 0.74. Afghanistan is estimated to have relatively high overall exposure, high vulnerability, and low coping capacity.

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

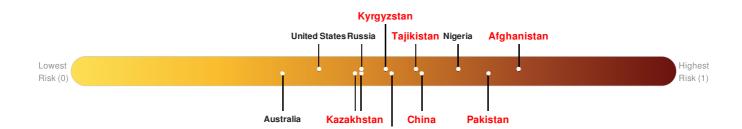
Kazakhstan ranks 97 out of 165 on the Multi-Hazard Risk Index with a score of 0.47. Kazakhstan is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

Kyrgyzstan ranks 66 out of 165 on the Multi-Hazard Risk Index with a score of 0.52. Kyrgyzstan is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

Pakistan ranks 3 out of 165 on the Multi-Hazard Risk Index with a score of 0.69. Pakistan is estimated to have relatively high overall exposure, high vulnerability, and low coping capacity.

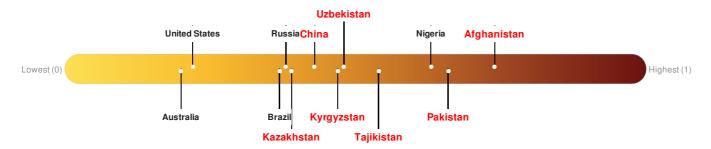
Tajikistan ranks 37 out of 165 on the Multi-Hazard Risk Index with a score of 0.57. Tajikistan is estimated to have relatively high overall exposure, medium vulnerability, and low coping capacity.

Uzbekistan ranks 59 out of 165 on the Multi-Hazard Risk Index with a score of 0.53. Uzbekistan is estimated to have relatively high overall exposure, low vulnerability, and low coping capacity.



# 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. Afghanistan ranks 1 out of 165 on the Lack of Resilience index with a score of 0.74. China ranks 82 out of 165 on the Lack of Resilience index with a score of 0.43. Kazakhstan ranks 92 out of 165 on the Lack of Resilience index with a score of 0.39. Kyrgyzstan ranks 61 out of 165 on the Lack of Resilience index with a score of 0.47. Pakistan ranks 8 out of 165 on the Lack of Resilience index with a score of 0.66. Tajikistan ranks 44 out of 165 on the Lack of Resilience index with a score of 0.48.



Afghanistan ranks 1 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 Conflict Impacts, Environmental Capacity and Infrastructure.

China ranks 82 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, Governance and Marginalization.

Kazakhstan 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 Environmental Capacity, Governance and Marginalization.

Kyrgyzstan ranks 61 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, Governance and Economic Constraints.

Pakistan ranks 8 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 Stress, Conflict Impacts and Info Access Vulnerability.

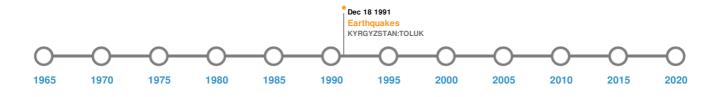
Tajikistan ranks 44 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Governance and Population Pressures.

Uzbekistan ranks 58 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, Governance and Environmental Stress.

Source: PDC

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 Larges	5 Largest Earthquakes (Resulting in significant damage or deaths)						
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long		
	22-Aug-1902 00:03:00	8.60	30	CHINA: XINJIANG, TURKESTAN	39.88° N / 76.2° E		
	07-Jul-1909 00:21:00	8.10	230	AFGHANISTAN: HINDU-KUSH	36.5° N / 70.5° E		
	15-Nov-1921 00:20:00	7.80	215	AFGHANISTAN: HINDU KUSH	36.5° N / 70.5° E		
	02-Nov-1946 00:18:00	7.60	35	KYRGYZSTAN	41.5° N / 72.5° E		
	19-Aug-1992 00:02:00	7.50	27	KYRGYZSTAN: TOLUK	42.14° N/73.57° E		

Source: Earthquakes

**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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.