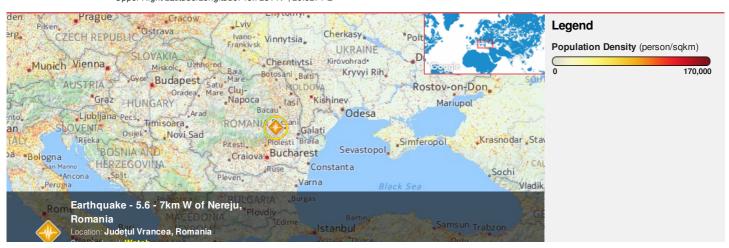


HONOLULU 13:29:55 23 Sep 2016 WASH.D.C. 19:29:55 23 Sep 2016 ZULU 23:29:55 23 Sep 2016 BUCHAREST 02:29:55 24 Sep 2016 NAIROBI 02:29:55 24 Sep 2016 BANGKOK 06:29:55 24 Sep 2016

Region Selected » Lower Left Latitude/Longitude: 42.7231 N°, 23.6271 E° Upper Right Latitude/Longitude: 48.7231 N°, 29.6271 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.

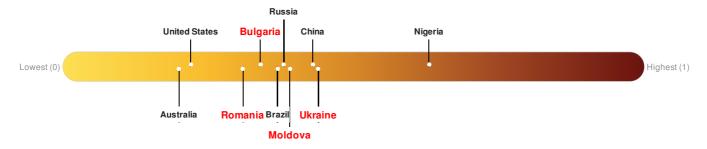
#### **Current Hazards:**

Source: PDC

Recent Earthquakes									
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long			
	1	23-Sep-2016 23:29:25	5.6	88.25	7km W of Nereju, Romania	45.72° N / 26.63° E			

# 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. **Bulgaria** ranks **115** out of **165** on the Lack of Resilience index with a score of 0.34. **Moldova** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.44. **Romania** ranks **122** out of **165** on the Lack of Resilience index with a score of 0.31.



Bulgaria ranks 115 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 Governance.

Moldova 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 Economic Constraints.

**Ukraine** 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 Conflict Impacts, Environmental Capacity and Governance.

Romania ranks 122 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 Marginalization, Governance and Infrastructure.

## **Regional Overview**

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## **Population Data:**

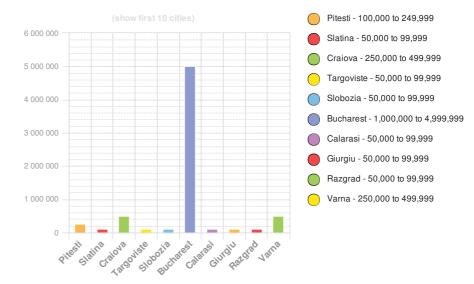
#### 2011

Total: 26, 965, 560

**Max Density: 36, 715**(ppl/km<sup>2</sup>)

Source: iSciences

## **Populated Areas:**



#### **Risk & Vulnerability**

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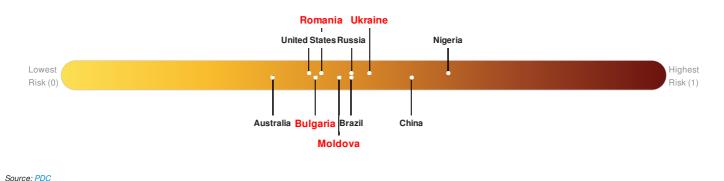
## Multi Hazard Risk Index:

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

Moldova ranks 103 out of 165 on the Multi-Hazard Risk Index with a score of 0.46. Moldova is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

**Ukraine** ranks **73** out of **165** on the Multi-Hazard Risk Index with a score of 0.51. Ukraine is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

Romania ranks 112 out of 165 on the Multi-Hazard Risk Index with a score of 0.43. Romania is estimated to have relatively high overall exposure, low vulnerability, and high 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. **Bulgaria** ranks **115** out of **165** on the Lack of Resilience index with a score of 0.34. **Moldova** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.44. **Romania** ranks **122** out of **165** on the Lack of Resilience index with a score of 0.31.



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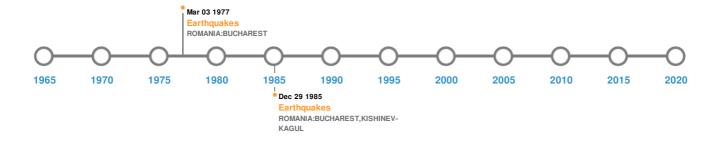
Romania ranks 122 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Marginalization, Governance and Infrastructure.

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>	26-Oct-1802 00:10:00	7.40	150	ROMANIA: CARPATHIAN FOLD,VRANCEA	45.7° N / 26.6° E				
<b>*</b>	10-Nov-1940 00:01:00	7.30	150	ROMANIA	45.8° N / 26.8° E				
<b>*</b>	04-Mar-1977 00:19:00	7.20	94	ROMANIA: BUCHAREST	45.77° N / 26.76° E				
<b>*</b>	30-Aug-1986 00:21:00	6.90	132	ROMANIA: BUCHAREST, KISHINEV- KAGUL	45.55° N / 26.32° E				
<b>*</b>	23-Jan-1838 00:18:00	6.90	150	ROMANIA: CARPATHIAN FOLD,VRANCEA	45.7° N / 26.6° E				

Source: Earthquakes

## **Disclosures**

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<sup>\*</sup> 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.