

HONOLULU 12:38:15 02 Aug 2016 WASH.D.C. 18:38:15 02 Aug 2016 ZULU 22:38:15 02 Aug 2016 ATHENS 01:38:15 03 Aug 2016 NAIROBI 01:38:15 03 Aug 2016 BANGKOK 05:38:15 03 Aug 2016

Region Selected » Lower Left Latitude/Longitude: 32.1165 N°, 19.6703 E° Upper Right Latitude/Longitude: 38.1165 N°, 25.6703 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.

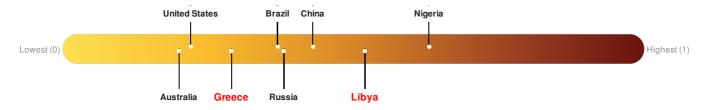
#### **Current Hazards:**

Recent Earthquakes							
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long	
	0	30-Jul-2016 17:48:48	5.2	10.9	93km W of Palaiochora, Greece	35.12° N / 22.67° 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. **Greece** ranks **128** out of **165** on the Lack of Resilience index with a score of 0.29. **Libya** ranks **49** out of **165** on the Lack of Resilience index with a score of 0.52.



Greece ranks 128 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, Marginalization and Environmental Capacity.

Libya ranks 49 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, Conflict Impacts and Governance.

Source: PDC

# **Regional Overview**

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# **Population Data:**

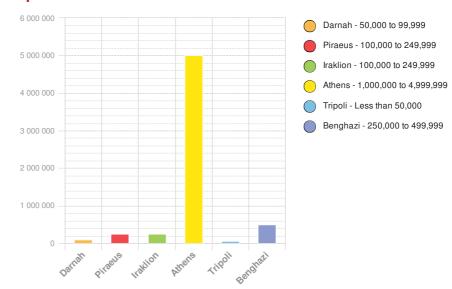
#### 2011

Total: 5, 935, 055

Max Density: 36, 422(ppl/km<sup>2</sup>)

Source: iSciences

# **Populated Areas:**



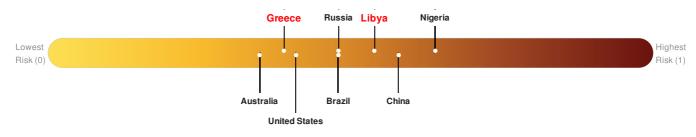
#### **Risk & Vulnerability**

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#### Multi Hazard Risk Index:

Greece ranks 127 out of 165 on the Multi-Hazard Risk Index with a score of 0.39. Greece is estimated to have relatively medium overall exposure, low vulnerability, and high coping capacity.

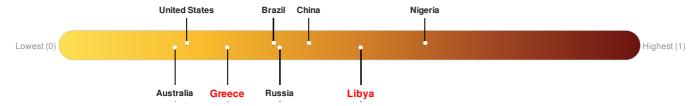
Libya ranks 53 out of 165 on the Multi-Hazard Risk Index with a score of 0.54. Libya is estimated to have relatively medium overall exposure, medium vulnerability, and medium coping capacity.



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. **Greece** ranks **128** out of **165** on the Lack of Resilience index with a score of 0.29. **Libya** ranks **49** out of **165** on the Lack of Resilience index with a score of 0.52.



Greece ranks 128 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, Marginalization and Environmental Capacity.

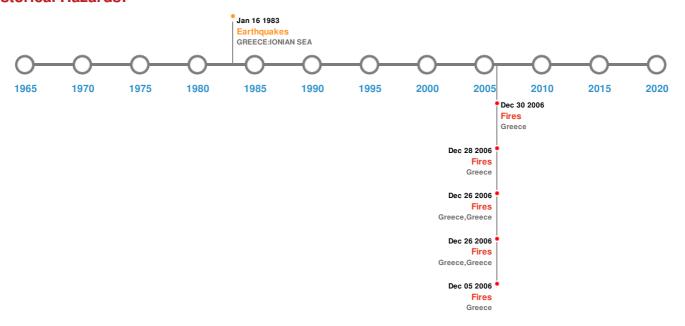
Libya ranks 49 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Conflict Impacts and Governance.

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>	21-Jul-0365 00:00:00	8.00	-	GREECE: CRETE: KNOSSOS	35° N / 23° E		
<b>*</b>	11-Aug-1903 00:04:00	7.80	100	GREECE: MITATA (KYTHERA)	36° N / 23° E		
<b>*</b>	27-Aug-1886 00:21:00	7.50	-	GREECE: TRIPHYLIE (PELEPONESE), PHILIATRA	37.1° N / 21.5° E		
<b>*</b>	01-Jul-1927 00:08:00	7.30	120	GREECE: OETYLOS (LACONIA)	36.75° N / 22.75° E		
<b>*</b>	17-Jan-1983 00:12:00	7.20	14	GREECE: IONIAN SEA	38.03° N / 20.23° E		

Source: Earthquakes

# **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)						
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long	
	SANTORINI	23-May-1707 00:00:00	3.00	GREECE	36.4° N / 25.4° E	
	SANTORINI	26-Sep-1650 00:00:00	3.00	GREECE	36.4° N / 25.4° E	
	SANTORINI	01-Jan-1570 00:00:00	3.00	GREECE	36.4° N / 25.4° E	

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SANTORINI	01-Jan-0726 00:00:00	3.00	GREECE	36.4° N / 25.4° E
	SANTORINI	10-Jan-1950 00:00:00	2.00	GREECE	36.4° N / 25.4° E

Source: Volcanoes

# Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
<b>♦</b>	29-Sep-1650 00:00:00	GREECE	16	-	IOS	36.73° N / 25.27° E
<b>♦</b>	09-Jul-1956 00:00:00	GREECE	10	-	FOLEGANDROS	37.38° N / 23.25° E
<b>\$</b>	06-Feb-1866 00:00:00	GREECE	8	-	AVLEMONAS, PELOPONNESUS	37.5° N / 22° E
<b>\$</b>	09-Jul-1956 00:00:00	GREECE	7.9	-	FOLEGANDROS	37.38° N / 23.25° E
<b>\$</b>	06-Feb-1866 00:00:00	GREECE	7.9	-	KYTHERA, PELOPONNESUS	38.08° N / 23.5° E

Source: <u>Tsunamis</u>

# Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
<b></b>	24-Aug-2007 00:00:00 - 31-Aug-2007 00:00:00	48.60	Greece	37.52° N / 21.77° E		
<b>*</b>	25-Jun-2007 00:00:00 - 29-Aug-2007 00:00:00	48.60	Greece	37.52° N / 21.77° E		
<b>*</b>	24-Aug-2007 00:00:00 - 27-Aug-2007 00:00:00	41.80	Greece, Greece	37.35° N / 22.17° E		
<b>*</b>	24-Aug-2007 00:00:00 - 27-Aug-2007 00:00:00	40.30	Greece, Greece	37.75° N / 21.56° E		
<b>*</b>	27-Jun-2007 00:00:00 - 06-Aug-2007 00:00:00	22.20	Greece	38.16° N / 22.15° E		

Source: Wildfires

# **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.