

HONOLULU 18:54:20 18 Mar 2018 WASH.D.C. 00:54:20 19 Mar 2018 ZULU 04:54:20 19 Mar 2018 KUWAIT 07:54:20 19 Mar 2018 NAIROBI 07:54:20 19 Mar 2018 BANGKOK 11:54:20 19 Mar 2018

Region Selected » Lower Left Latitude/Longitude: 26.6256 N°, 47.7424 E° Upper Right Latitude/Longitude: 32.6256 N°, 53.7424 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            |
|                    | 0        | 19-Mar-2018 04:53:49 | 5         | 10         | 22km ENE of Bandar-e Ganaveh, Iran | 29.63° N / 50.74° E |

## Lack of Resilience Index:

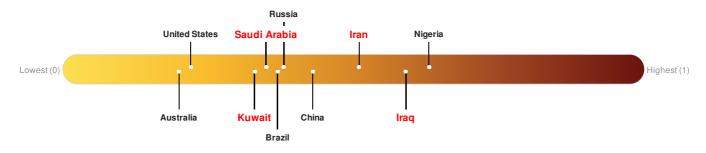
The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Saudi Arabia ranks 111 out of 165 countries assessed for Lack of Resilience. Saudi Arabia is less resilient than 33% of countries assessed. This indicates that Saudi Arabia has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Iran ranks 51 out of 165 countries assessed for Lack of Resilience. Iran is less resilient than 70% of countries assessed. This indicates that Iran has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Iraq ranks 23 out of 165 countries assessed for Lack of Resilience. Iraq is less resilient than 87% of countries assessed. This indicates that Iraq has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Kuwait ranks 117 out of 165 countries assessed for Lack of Resilience. Kuwait is less resilient than 30% of countries assessed. This indicates that Kuwait has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



## **Regional Overview**

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## **Population Data:**

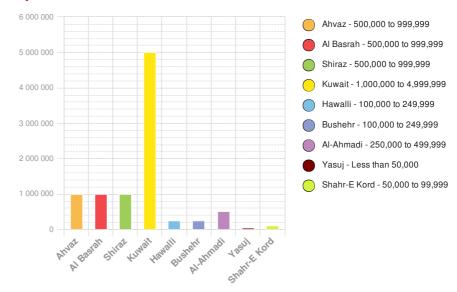
#### 2011

Total: 15, 081, 137

Max Density: 47, 243(ppl/km<sup>2</sup>)

Source: iSciences

# **Populated Areas:**



#### **Risk & Vulnerability**

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## Multi Hazard Risk Index:

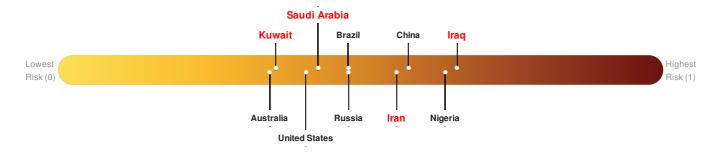
The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure Saudi Arabia ranks 112 out of 165 countries assessed for Multi Hazard Risk. Saudi Arabia has a Multi Hazard Risk higher than 33% of countries assessed. This indicates that Saudi Arabia has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Iran ranks 40 out of 165 countries assessed for Multi Hazard Risk. Iran has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Iran has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Iraq ranks 7 out of 165 countries assessed for Multi Hazard Risk. Iraq has a Multi Hazard Risk higher than 96% of countries assessed. This indicates that Iraq has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Kuwait ranks 141 out of 165 countries assessed for Multi Hazard Risk. Kuwait has a Multi Hazard Risk higher than 15% of countries assessed. This indicates that Kuwait has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

## Lack of Resilience Index:

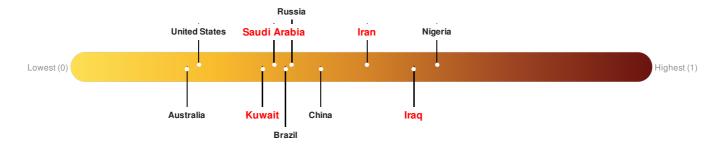
The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Saudi Arabia ranks 111 out of 165 countries assessed for Lack of Resilience. Saudi Arabia is less resilient than 33% of countries assessed. This indicates that Saudi Arabia has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Iran ranks 51 out of 165 countries assessed for Lack of Resilience. Iran is less resilient than 70% of countries assessed. This indicates that Iran has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Iraq ranks 23 out of 165 countries assessed for Lack of Resilience. Iraq is less resilient than 87% of countries assessed. This indicates that Iraq has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Kuwait ranks 117 out of 165 countries assessed for Lack of Resilience. Kuwait is less resilient than 30% of countries assessed. This indicates that Kuwait has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

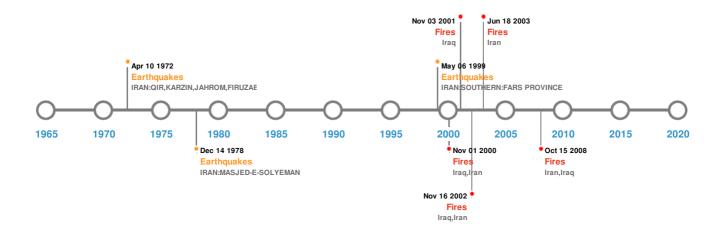


Source: PDC

## **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            |
| <b>*</b>  | 10-Apr-1972 00:02:00 | 6.90      | 11         | IRAN: QIR,KARZIN, JAHROM,<br>FIRUZABAD | 28.4° N / 52.8° E   |
| <b>*</b>  | 01-Jan-1440 00:00:00 | 6.50      | -          | IRAN: KARZIN                           | 28.3° N / 53.1° E   |
| <b>*</b>  | 25-Jun-1824 00:00:00 | 6.40      | -          | IRAN: SHIRAZ, GUYUM                    | 29.8° N / 52.4° E   |
| <b>*</b>  | 06-May-1999 00:23:00 | 6.20      | 33         | IRAN: SOUTHERN: FARS PROVINCE          | 29.5° N / 51.88° E  |
| <b>*</b>  | 14-Dec-1978 00:07:00 | 6.20      | 33         | IRAN: MASJED-E-SOLYEMAN                | 32.14° N / 49.65° E |

Source: Earthquakes

# Wildfires:

| 5 Largest Wildfires |   |                |           |                     |  |
|---------------------|---|----------------|-----------|---------------------|--|
| Event               | Start/End Date(UTC)                         | Size (sq. km.) | Location  | Mean Lat/Long       |  |
| <b>*</b>            | 30-Jan-2008 10:35:00 - 15-Oct-2008 18:55:00 | 53.80          | Iran,Iraq | 31.66° N / 47.78° E |  |
|                     | 28-Feb-2000 00:00:00 - 01-Nov-2000 00:00:00 | 48.20          | lraq,lran | 31.47° N / 47.69° E |  |

| Event    | Start/End Date(UTC)                         | Size (sq. km.) | Location  | Mean Lat/Long       |
|----------|---|----------------|-----------|---------------------|
| <b></b>  | 01-Apr-2001 00:00:00 - 03-Nov-2001 00:00:00 | 33.20          | Iraq      | 31.57° N / 47.66° E |
| <b></b>  | 28-Feb-2002 00:00:00 - 16-Nov-2002 00:00:00 | 29.10          | Iraq,Iran | 31.46° N / 47.65° E |
| <b>*</b> | 11-Jun-2003 00:00:00 - 18-Jun-2003 00:00:00 | 11.10          | Iran      | 28.83° N / 52.54° 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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