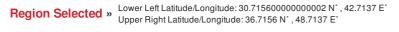
<u>^</u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	BAGHDAD	NAIROBI	BANGKOK
	Area Brief: General	20:34:47	01:34:47	06:34:47	09:34:47	09:34:47	13:34:47
	Executive Summary	19 Jan 2018	20 Jan 2018				





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:

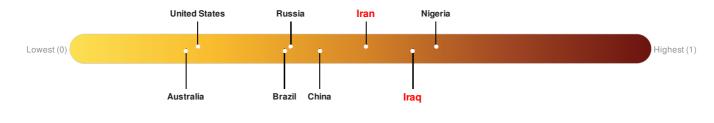
Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
	0	19-Jan-2018 22:31:00	5	10	15km ESE of Mandali, Iraq	33.72° N / 45.71° E
Source: PDC						

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.

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.



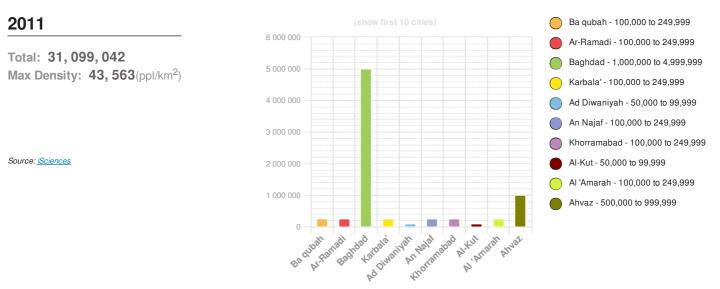
Source: PDC

Regional Overview

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Population Data:

Populated Areas:



Risk & Vulnerability

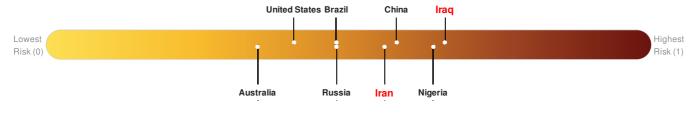
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Multi Hazard Risk Index:

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 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.



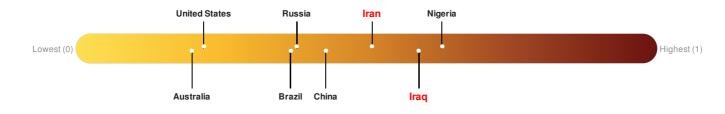
Source: <u>PDC</u>

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.

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.

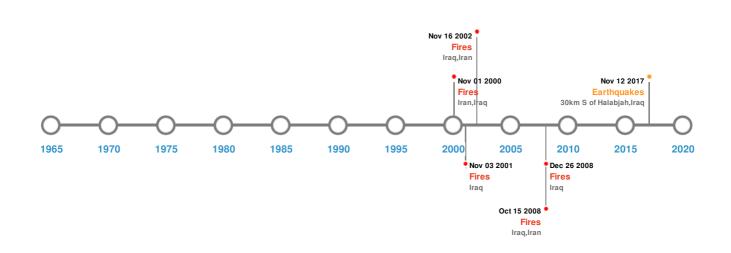
Iraq ranks 23 out of 165 countries assessed for Lack of Resilience. Iraq is less resilient than 87% of countries assessed. This indicates that Iraq has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



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 Largest Earthquakes (Resulting in significant damage or deaths)					
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	12-Nov-2017 18:18:17	7.30	19	30km S of Halabjah, Iraq	34.91° N / 45.96° E
	24-Mar-1963 00:12:00	7.20	40	IRAN: KARKHANEH	34.4° N/47.9° E
	13-Dec-1957 00:01:00	7.10	-	IRAN: FARSINAJ	34.3° N / 47.8° E
	18-Nov-0871 00:00:00	6.80	-	IRAN: SAIMAREH	33.2° N/47.2° E
•	16-Aug-1958 00:19:00	6.70	20	IRAN: FIRUZABAD	34.4° N / 47.9° E

Source: Earthquakes

Wildfires:

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

@	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
-	01-Apr-2001 00:00:00 - 03-Nov-2001 00:00:00	33.20	Iraq	31.57° N / 47.66° E
	28-Feb-2002 00:00:00 - 16-Nov-2002 00:00:00	29.10	Iraq,Iran	31.46° N/47.65° E
	26-Mar-2008 19:15:00 - 26-Dec-2008 10:25:00	18.00	Iraq	31.06° N / 47.1° 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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