Pacific Disaster Center	HONOLULU	LIMA	WASH.D.C.	ZULU	NAIROBI	BANGKOK
Area Brief: General	01:29:07	06:29:07	07:29:07	11:29:07	14:29:07	18:29:07
Executive Summary	17 May 2018	17 May 2018	17 May 2018	17 May 2018	17 May 2018	17 May 2018

Region Selected » Lower Left Latitude/Longitude: -15.665 N°, -79.5619 E° Upper Right Latitude/Longitude: -9.665 N°, -73.5619 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	17-May-2018 11:28:42	5.2	53.91	7km E of Mala, Peru	12.66° S/76.56° W	
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.

Peru ranks 64 out of 165 countries assessed for Lack of Resilience. Peru is less resilient than 62% of countries assessed. This indicates that Peru has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: <u>PDC</u>



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Population Data:

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



Lack of Resilience Index:

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Peru ranks 64 out of 165 countries assessed for Lack of Resilience. Peru is less resilient than 62% of countries assessed. This indicates that Peru has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: PDC

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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			
	11-Feb-1716 00:01:00	8.60	50	PERU	13.7° S/76° W			
	20-Oct-1609 00:01:00	8.60	40	PERU	11.9° S/77.4° W			
	20-Oct-1687 00:10:00	8.50	30	PERU: LIMA	13.5° S/76.5° W			
	10-Jul-1586 00:00:00	8.50	60	PERU: LIMA	12.3° S/77.7° W			
	17-Jun-1678 00:00:00	8.40	-	PERU: LIMA,SALINAS- HUAURA,LIMA,CALLAO,CHANCAY	12.5° S/77° W			

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
	10-Jul-1586 00:00:00	PERU	26	-	LIMA	12.1° S/77.13° W	
	29-Oct-1746 00:00:00	PERU	24	4800	CALLAO	12.05° S/77.15° W	

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
Ś	10-Jul-1586 00:00:00	PERU	24	-	CALLAO	12.05° S/77.15° W
	15-Aug-2007 00:00:00	PERU	10.05	-	Playa Yumaque	13.91° S/76.28° W
	15-Aug-2007 00:00:00	PERU	7.13	-	Playa La Catedral	13.94° S/76.28° W

Source: Tsunamis

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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