



Region Selected » Lower Left Latitude/Longitude: -4.467000000000005 N°, -81.442 E°
Upper Right Latitude/Longitude: 1.533 N°, -75.442 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:

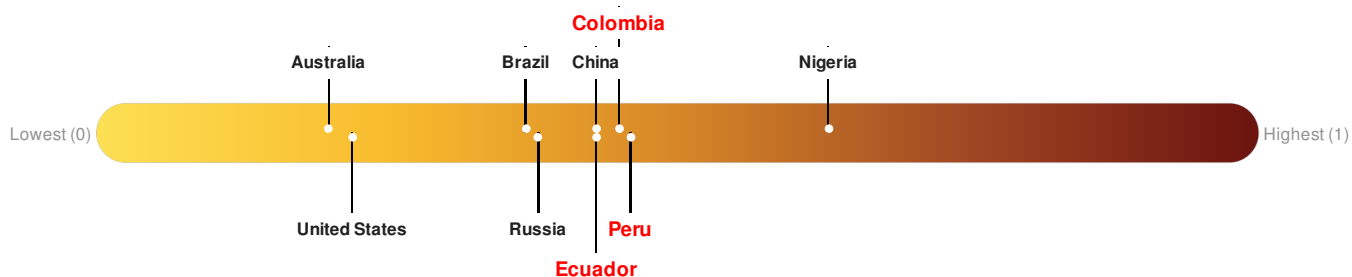
Active Volcanoes

Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		07-Jan-2010 00:05:06	Volcano - Tungurahua, Ecuador	Ecuador	Escuela Politecnica Nacional, Instituto Geofisico	New Activity	more info	1.47° S / 78.44° W

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. **Colombia** ranks **71** out of **165** on the Lack of Resilience index with a score of 0.45. **Ecuador** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **Peru** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46.



Colombia ranks **71** 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, Governance and Recent Disaster Impacts.

Ecuador ranks **82** 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 Governance, Infrastructure and Population Pressures.

Peru ranks **64** 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 Recent Disaster Impacts, Infrastructure and Governance.

Source: [PDC](#)

Regional Overview

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Population Data:

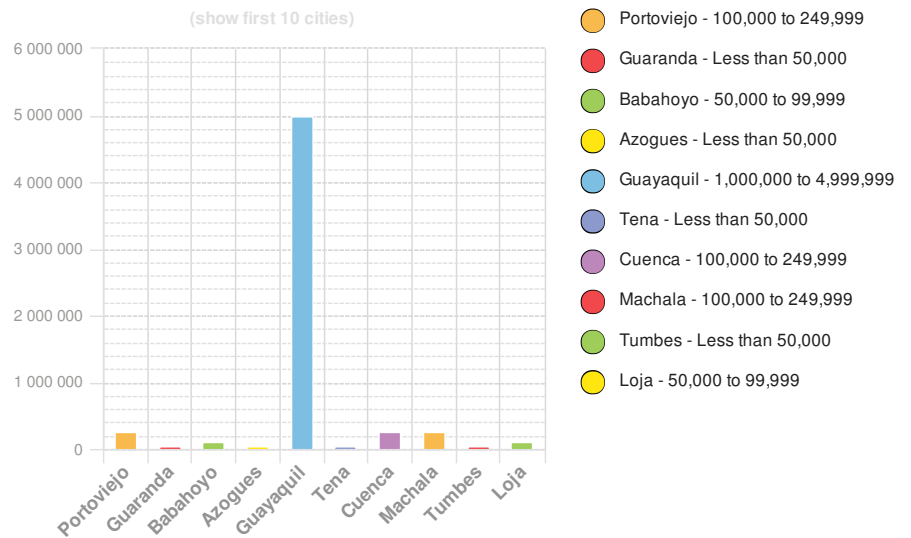
2011

Total: 15,690,566

Max Density: 53,240 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



Risk & Vulnerability

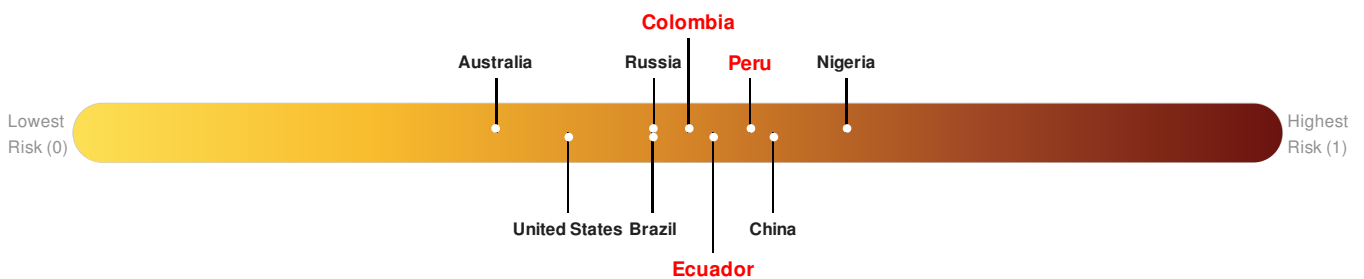
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Multi Hazard Risk Index:

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

Ecuador ranks **59** out of **165** on the Multi-Hazard Risk Index with a score of 0.53. Ecuador is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

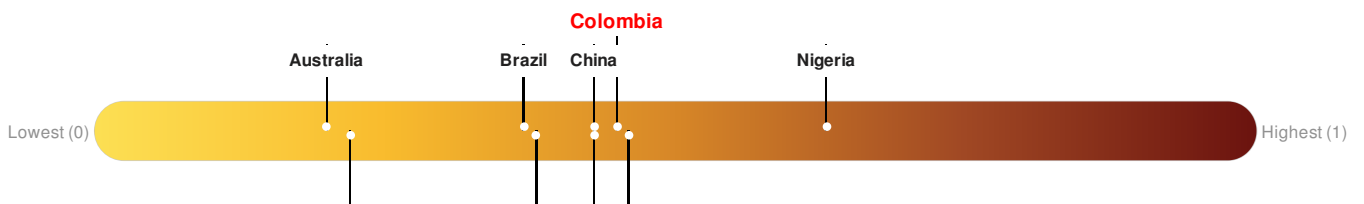
Peru ranks **40** out of **165** on the Multi-Hazard Risk Index with a score of 0.56. Peru is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.



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. **Colombia** ranks **71** out of **165** on the Lack of Resilience index with a score of 0.45. **Ecuador** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **Peru** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46.



United States

Russia

Peru

Ecuador

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Ecuador ranks **82** 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 Governance, Infrastructure and Population Pressures.

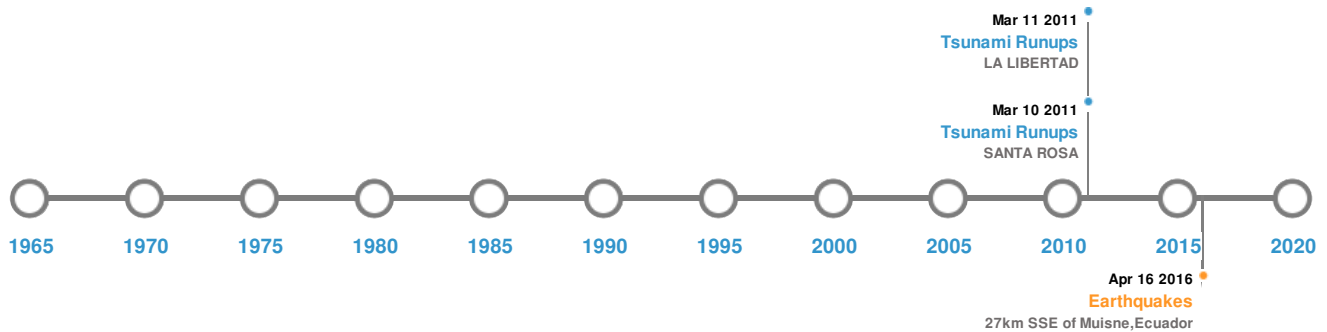
Peru ranks **64** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Infrastructure and Governance.

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
	04-Feb-1797 00:12:00	8.30	-	ECUADOR: RIOBAMBA	1.6° S / 78.6° W
	15-Aug-1868 00:19:00	8.00	-	ECUADOR: EL ANGEL, CONCEPCION	0.81° N / 77.72° W
	28-Sep-1906 00:15:00	7.90	150	ECUADOR	2° S / 79° W
	08-Sep-1575 00:00:00	7.80	-	ECUADOR	0.2° S / 78.6° W
	16-Apr-2016 23:58:37	7.80	19.16	27km SSE of Muisne, Ecuador	0.37° N / 79.94° W

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TUNGURAHUA	05-Apr-1918 00:00:00	4.00	ECUADOR	1.47° S / 78.44° W
	DONA JUANA	13-Nov-1899 00:00:00	4.00	COLOMBIA	1.47° N / 76.92° W
	TUNGURAHUA	11-Jan-1886 00:00:00	4.00	ECUADOR	1.47° S / 78.44° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	COTOPAXI	25-Jun-1877 00:00:00	4.00	ECUADOR	0.68° S / 78.44° W
	COTOPAXI	04-Apr-1768 00:00:00	4.00	ECUADOR	0.68° S / 78.44° W

Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	ECUADOR	-	-	SANTA ROSA	- / -
	22-May-1960 01:20:00	ECUADOR	1.9	-	LA LIBERTAD	2.23° S / 80.9° W
	04-Nov-1952 10:46:00	ECUADOR	1.89	-	LA LIBERTAD	2.23° S / 80.9° W
	12-Mar-2011 01:18:24	ECUADOR	1.61	-	LA LIBERTAD	- / -
	28-Mar-1964 18:09:00	ECUADOR	0.6	-	LA LIBERTAD	2.23° S / 80.9° W

Source: [Tsunamis](#)

Disclosures

* As defined by the source ([Dartmouth Flood Observatory](#), 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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