

HONOLULU 17:55:46 19 Oct 2016 WASH.D.C. 23:55:46 19 Oct 2016 LA PAZ 23:55:46 19 Oct 2016 ZULU 03:55:46 20 Oct 2016 NAIROBI 06:55:46 20 Oct 2016 BANGKOK 10:55:46 20 Oct 2016

Region Selected » Lower Left Latitude/Longitude: -19.182873353 N°, -66.268532073 E° Upper Right Latitude/Longitude: -13.182873353000002 N°, -60.268532073 E°



#### **Situational Awareness**

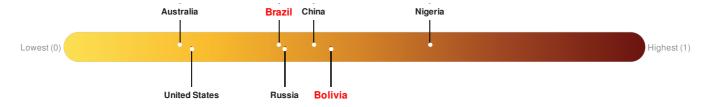
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

#### **Current Hazards:**

Active Wild Fire								
g	Lat/Long	Name	Date (UTC)	Severity	Event			
.27° W	16.18° S / 63.27° W	Wildfire - S of Ascension, Santa Cruz - Bolivia	20-Oct-2016 03:54:31	0				
	16.18° S / 63.	Wildfire - S of Ascension, Santa Cruz - Bolivia	20-Oct-2016 03:54:31	0	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. **Bolivia** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46. **Brazil** ranks **105** out of **165** on the Lack of Resilience index with a score of 0.37.



Bolivia 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.

Brazil ranks 105 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 Marginalization, Governance and Infrastructure.

Source: PDC

## **Regional Overview**

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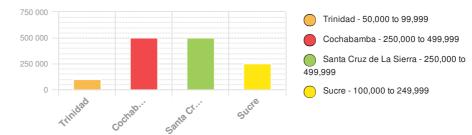
### **Population Data:**

#### 2011

Total: 4,060,062

Max Density: 39, 638(ppl/km<sup>2</sup>)

## **Populated Areas:**



Source: iSciences

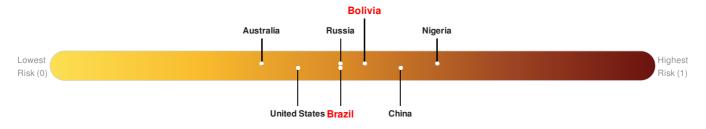
#### **Risk & Vulnerability**

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### Multi Hazard Risk Index:

Bolivia ranks 66 out of 165 on the Multi-Hazard Risk Index with a score of 0.52. Bolivia is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

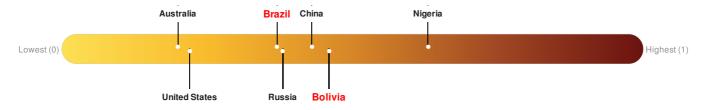
Brazil ranks 89 out of 165 on the Multi-Hazard Risk Index with a score of 0.48. Brazil is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.



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. **Bolivia** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46. **Brazil** ranks **105** out of **165** on the Lack of Resilience index with a score of 0.37.



Bolivia 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.

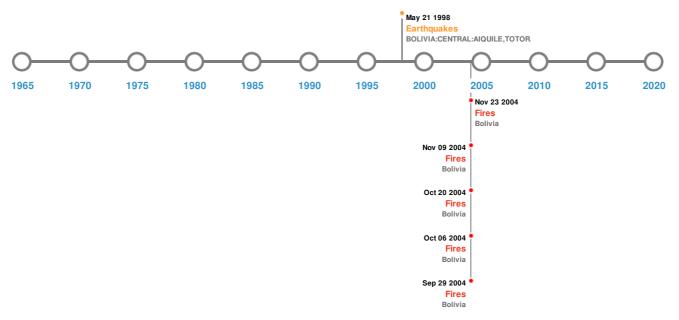
Brazil ranks 105 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Marginalization, Governance and Infrastructure.

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>	22-May-1998 00:04:00	6.60	24	BOLIVIA: CENTRAL: AIQUILE, TOTORA	17.73° S / 65.43° W			
<b>*</b>	01-Sep-1958 00:14:00	0.00	-	PERU: S	18° S / 65° W			

Source: Earthquakes

# Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
<b>*</b>	03-Jun-2004 00:00:00 - 09-Oct-2004 00:00:00	229.40	Bolivia	15.88° S / 62.58° W			
<b>*</b>	05-Apr-2004 00:00:00 - 21-Oct-2004 00:00:00	216.40	Bolivia	16.28° S / 63.2° W			
<b>*</b>	06-Aug-2004 00:00:00 - 07-Oct-2004 00:00:00	209.30	Bolivia	15.4° S/61.27° W			
<b></b>	21-Jul-2004 00:00:00 - 10-Nov-2004 00:00:00	138.80	Bolivia	16.17° S / 62.78° W			
<b>*</b>	01-Jul-2004 00:00:00 - 24-Nov-2004 00:00:00	89.80	Bolivia	15.43° S / 63.8° W			

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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