Pacific Disaster Center	HONOLULU	WASH.D.C.	CUIABA	ZULU	NAIROBI	BANGKOK
Area Brief: General	18:08:05	00:08:05	01:08:05	04:08:05	07:08:05	11:08:05
Executive Summary	18 Oct 2017	19 Oct 2017	19 Oct 2017	19 Oct 2017	19 Oct 2017	19 Oct 2017





Situational Awareness

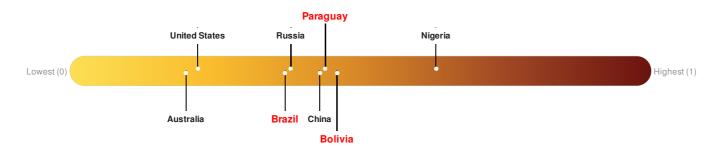
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Active Wild Fire						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	19-Oct-2017 04:02:55	Wildfire - NW of Puerto Suarez, Santa Cruz - Bolivia	18.61° S / 58.02° W		
Source: <u>PDC</u>						

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. **Paraguay** ranks **79** out of **165** on the Lack of Resilience index with a score of 0.44.



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.

Paraguay ranks 79 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 Environmental Capacity, Infrastructure and Governance.

Source: PDC

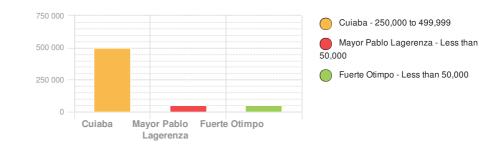
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Population Data:

Total: 1, 186, 377

Max Density: 17, 128(ppl/km²)

Populated Areas:



Source: <u>iSciences</u>

2011

Risk & Vulnerability

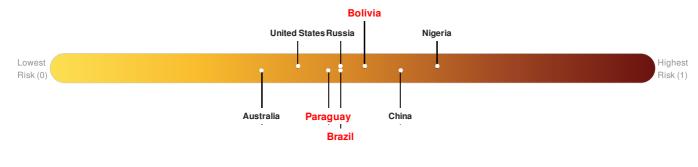
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Multi Hazard Risk Index:

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.

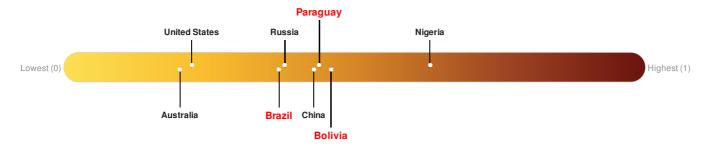
Paraguay ranks 103 out of 165 on the Multi-Hazard Risk Index with a score of 0.46. Paraguay is estimated to have relatively medium overall exposure, low vulnerability, and medium coping capacity.



Source: <u>PDC</u>

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. **Paraguay** ranks **79** out of **165** on the Lack of Resilience index with a score of 0.44.



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.

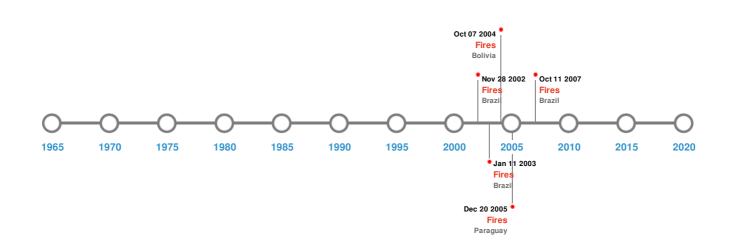
Brazil ranks 105 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Marginalization, Governance and Infrastructure.

Paraguay ranks 79 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 Environmental Capacity, Infrastructure and Governance.

Source: <u>PDC</u>

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Historical Hazards:



Wildfires:

5 Larges	5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long				
	31-Aug-2007 00:00:00 - 11-Oct-2007 00:00:00	256.90	Brazil	19.79° S / 56.64° W				
	06-Aug-2004 00:00:00 - 07-Oct-2004 00:00:00	209.30	Bolivia	15.4° S/61.27° W				
•	13-Aug-2002 00:00:00 - 11-Jan-2003 00:00:00	143.90	Brazil	19.58° S/57.21° W				
	18-Jul-2006 00:00:00 - 20-Sep-2006 00:00:00	142.30	Paraguay	20.48° S/58.7° W				
•	18-Jul-2002 00:00:00 - 28-Nov-2002 00:00:00	138.60	Brazil	19.82° S/56.75° 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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