A Pacific Disaste	er Center HONOLULU	WASH.D.C.	CUIABA	ZULU	NAIROBI	BANGKOK
Area Brief: Gel	21 Oct 2017	00:06:54	01:06:54	04:06:54	07:06:54	11:06:54
Executive Sun		22 Oct 2017				





Situational Awareness

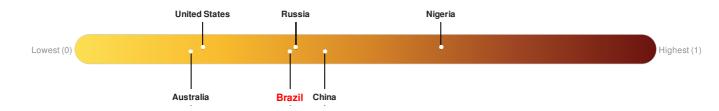
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Active Wild Fire						
Event	Severity	Date (UTC)	Name	Lat/Long		
	1	22-Oct-2017 04:02:56	Wildfire - SW of Alvorada, Tocantins - Brazil	13.26° S / 50.9° 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. **Brazil** ranks **105** out of **165** on the Lack of Resilience index with a score of 0.37.



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: <u>PDC</u>

Regional Overview

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Population Data:

Populated Areas:

No significant land or population areas exist within the current map extent.

Total: 3, 378, 213 Max Density: 28, 398(ppl/km²)

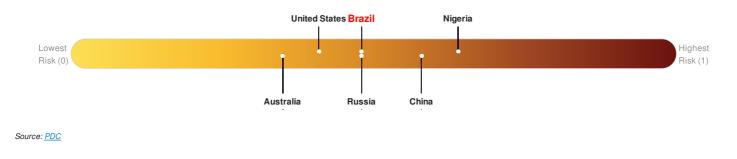
Source: <u>iSciences</u>

Risk & Vulnerability

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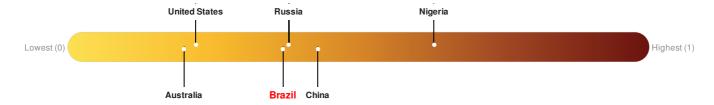
Multi Hazard Risk Index:

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.



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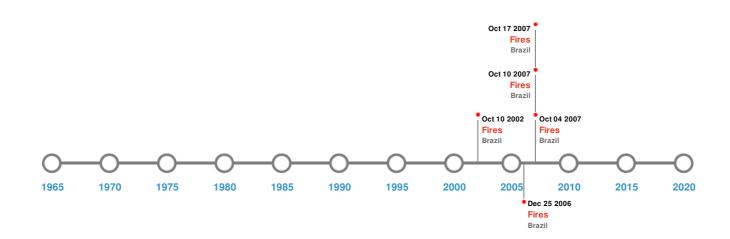


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Historical Hazards:



Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
	13-Jul-2002 00:00:00 - 10-Oct-2002 00:00:00	270.50	Brazil	10.35° S/51.38° W			
	03-Aug-2007 00:00:00 - 25-Sep-2007 00:00:00	152.10	Brazil	10.28° S/50.2° W			
	02-Aug-2007 00:00:00 - 10-Oct-2007 00:00:00	138.10	Brazil	10.5° S/52.24° W			
	11-Sep-2007 00:00:00 - 17-Oct-2007 00:00:00	124.40	Brazil	12.18° S/51.58° W			
(14-Aug-2007 00:00:00 - 04-Oct-2007 00:00:00	116.80	Brazil	10.69° S/50.16° 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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