



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.

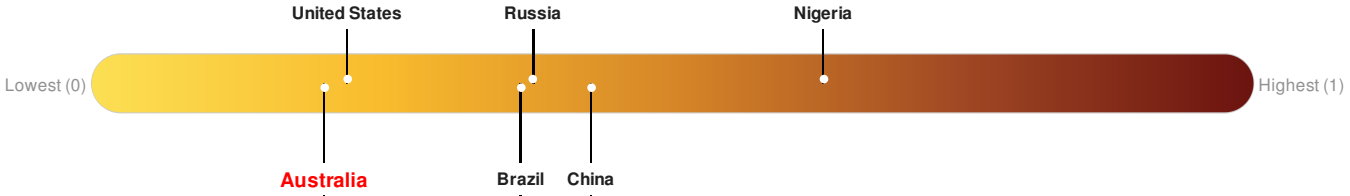
Current Hazards:

Active Floods					
Event	Severity	Date (UTC)	Name	Lat/Long	
		14-Aug-2017 19:00:44	Flood - Victoria, Australia	37.48° S / 147.1° E	

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. **Australia** ranks **154** out of **165** on the Lack of Resilience index with a score of 0.2.



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Source: [PDC](#)

Regional Overview

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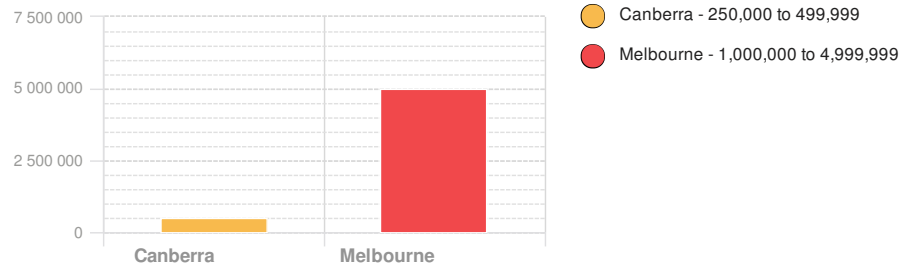
Population Data:

Populated Areas:

2011

Total: 5,307,441

Max Density: 16,651 (ppl/km²)



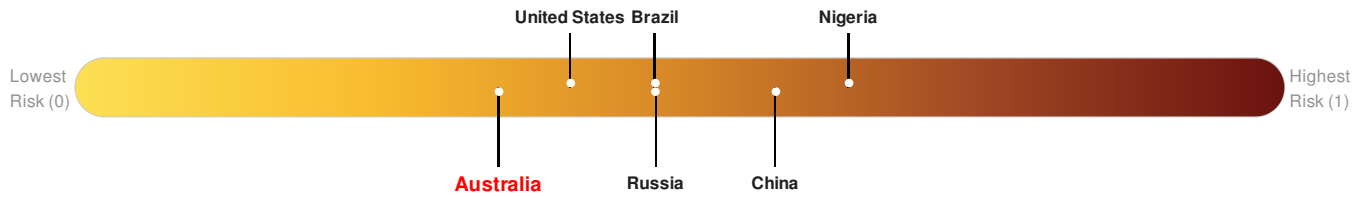
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

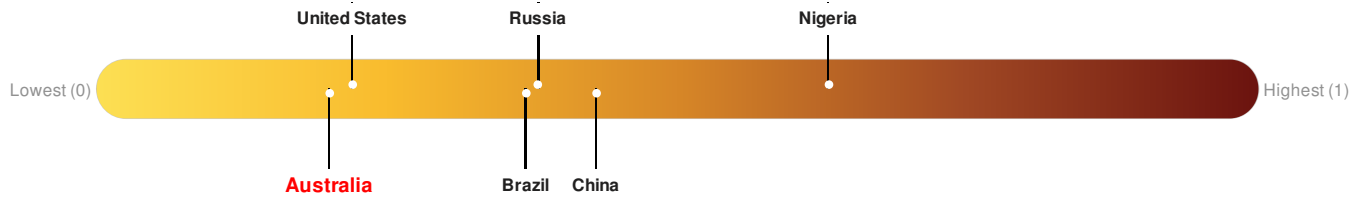
Australia ranks 142 out of 165 on the Multi-Hazard Risk Index with a score of 0.35. Australia is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

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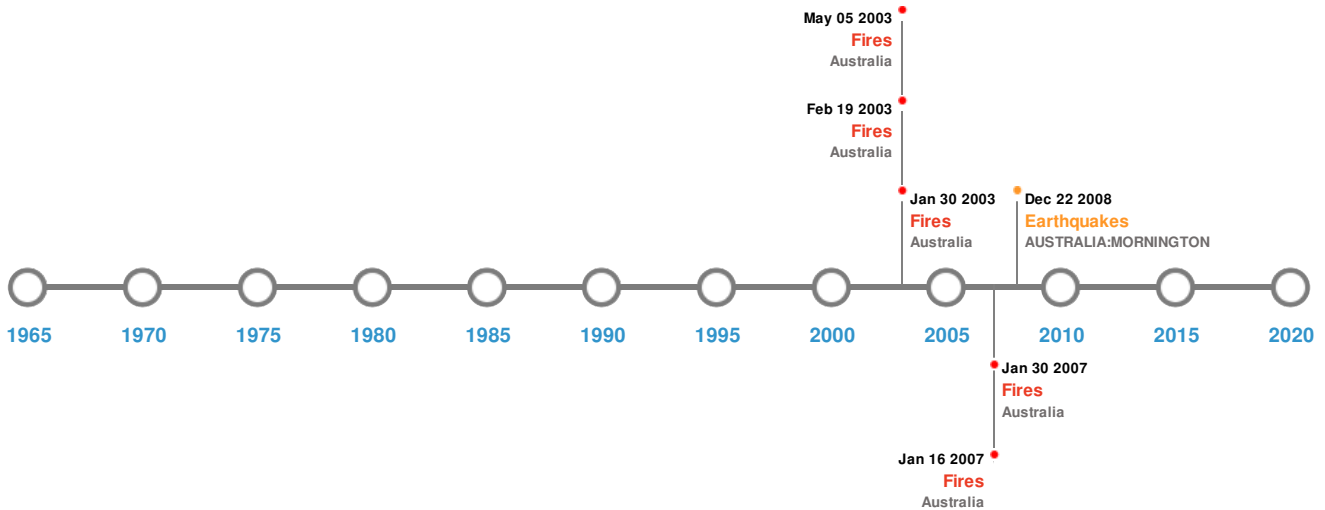
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Source: [PDC](#)

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
	22-Sep-2009 00:08:00	3.10	-	AUSTRALIA: MORNINGTON	38.28° S / 145.25° E

Source: [Earthquakes](#)

Tsunami Runups:

5 Largest Tsunami Runups





Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	22-May-1960 12:10:00	AUSTRALIA	0.9	-	EDEN	37.05° S / 149.97° E
	27-Aug-1883 18:35:00	AUSTRALIA	-	-	WILLIAMSTOWN	37.87° S / 144.9° E

Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires


Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	08-Jan-2003 00:00:00 - 19-Feb-2003 00:00:00	496.90	Australia	36.48° S / 148.33° E

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	08-Jan-2003 00:00:00 - 05-May-2003 00:00:00	491.00	Australia	36.7° S / 147.58° E
	13-Mar-2002 00:00:00 - 30-Jan-2003 00:00:00	474.90	Australia	36.72° S / 147.58° E
	27-Apr-2006 00:00:00 - 16-Jan-2007 00:00:00	454.10	Australia	37.38° S / 146.63° E
	12-Apr-2006 00:00:00 - 30-Jan-2007 00:00:00	329.10	Australia	37.48° S / 147.39° E

Source: [Wildfires](#)

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	1956-03-24	24-Mar-1956 18:00:00 - 31-Mar-1956 12:00:00	58	No Data	Southern Pacific	25.9° S / 139.45° E

Source: [Tropical Cyclones](#)

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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