Cambridge Centre for Risk Studies Advisory Board Research Showcase – 29 January 2019

Risk Flashes for 2019





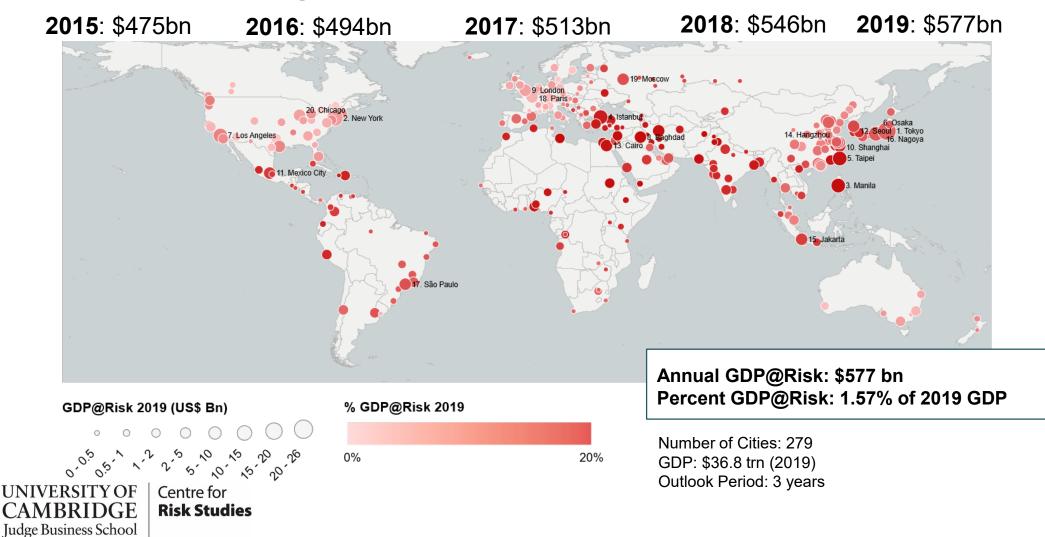
Jennifer Copic Research Associate Cambridge Centre for Risk Studies



2019 Global Risk Index

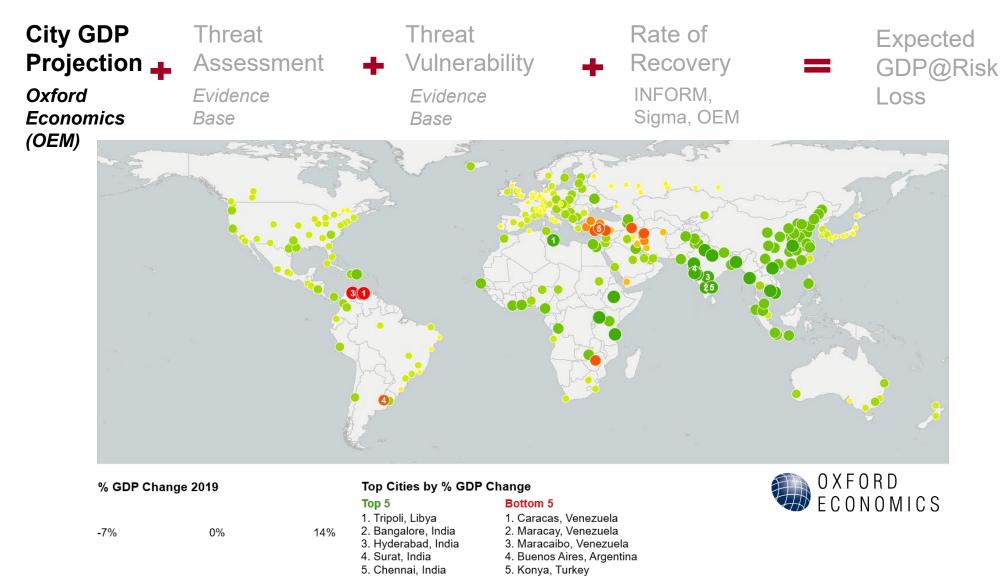
Measure impact of 22 threats on cities that contribute to 41% of global GDP

Annual update of GDP@Risk:

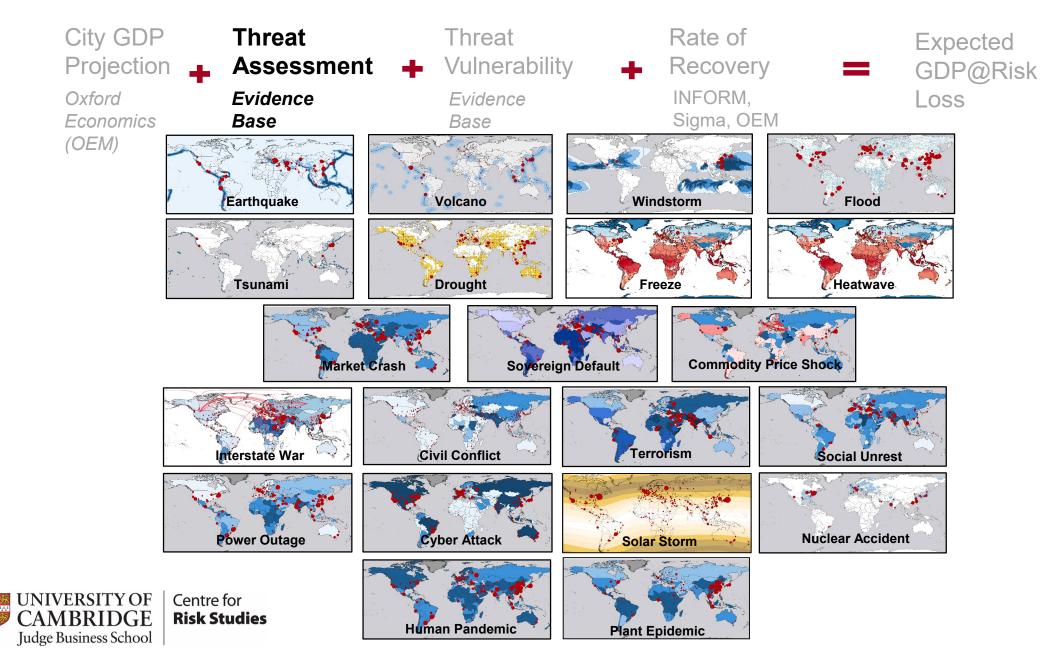










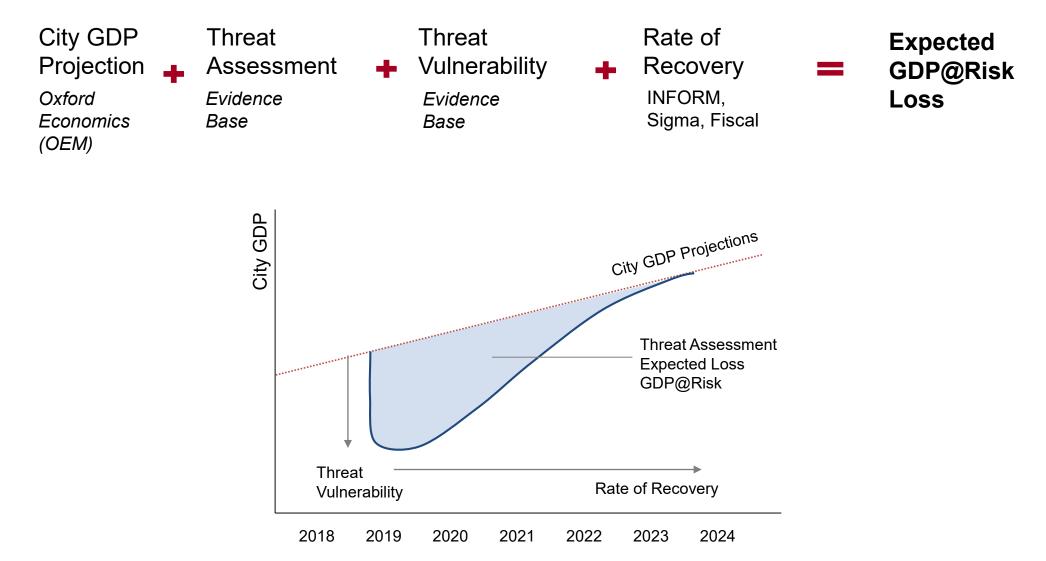




- Each city is assigned a rate of recovery score based on three core components
- Threat vulnerability + Rate of recovery = Resilience

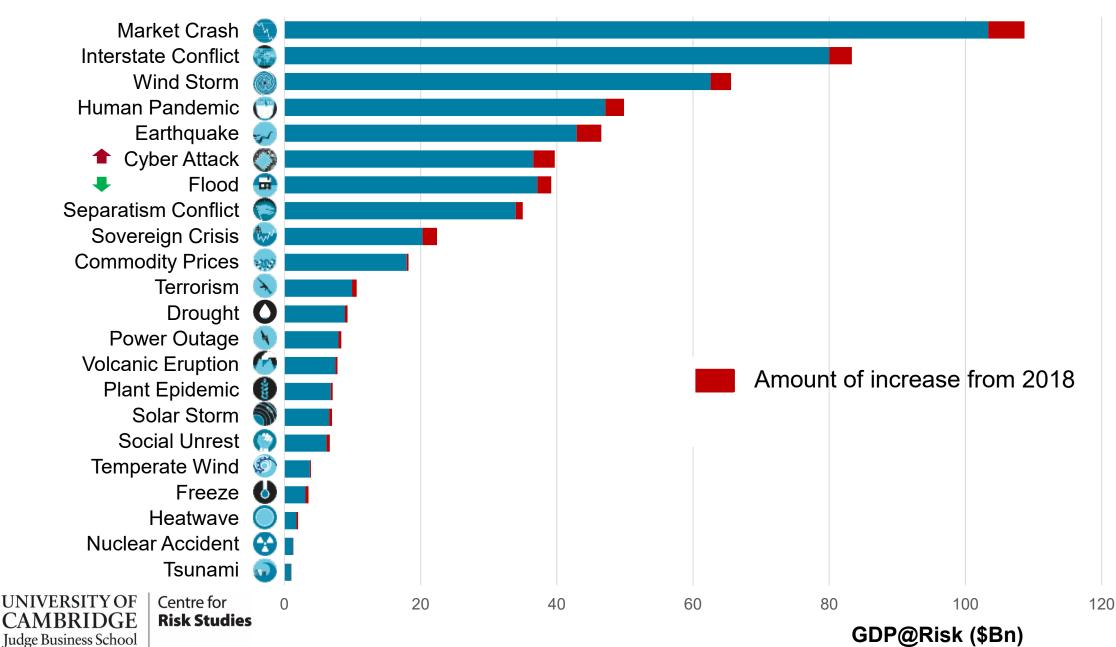
Resilience												
Threat Vulnerability (CRS)	Rate of Recovery											
	Vulnerability (INFORM)					Lack of Coping Capacity (INFORM)					Fiscal Resilience	
	Socio-Economic			Vulnerable Groups		Institutional		Infrastructure			Wealth	Insurance
Vulnerability assessment per threat type	Development deprivation	Inequality	Aid dependency	Uprooted people	Other vulnerable groups	Disaster Risk Reduction	Governance	Communication	Physical Infrastructure	Access to health systems	City GDP per capita (OEM)	Non-Life Insurance Penetration (Sigma)



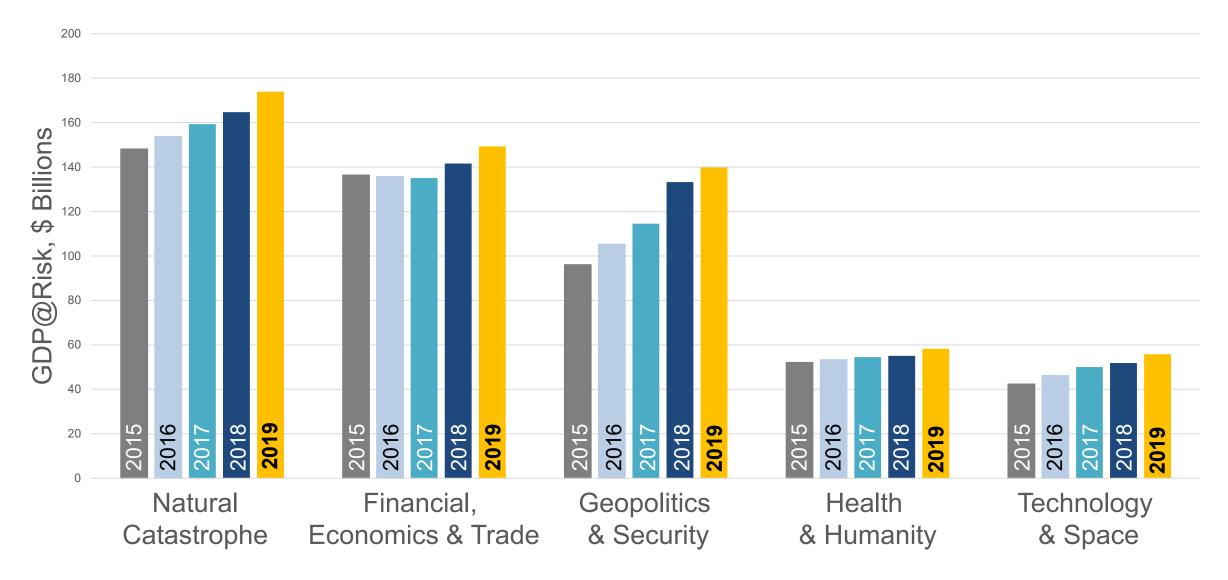




2019 Contribution to Risk by Threats



Change in Risk by Threat Categories Over Time





2019 Cambridge Global Risk Index



GDP@Risk 2019 (US\$ Bn)

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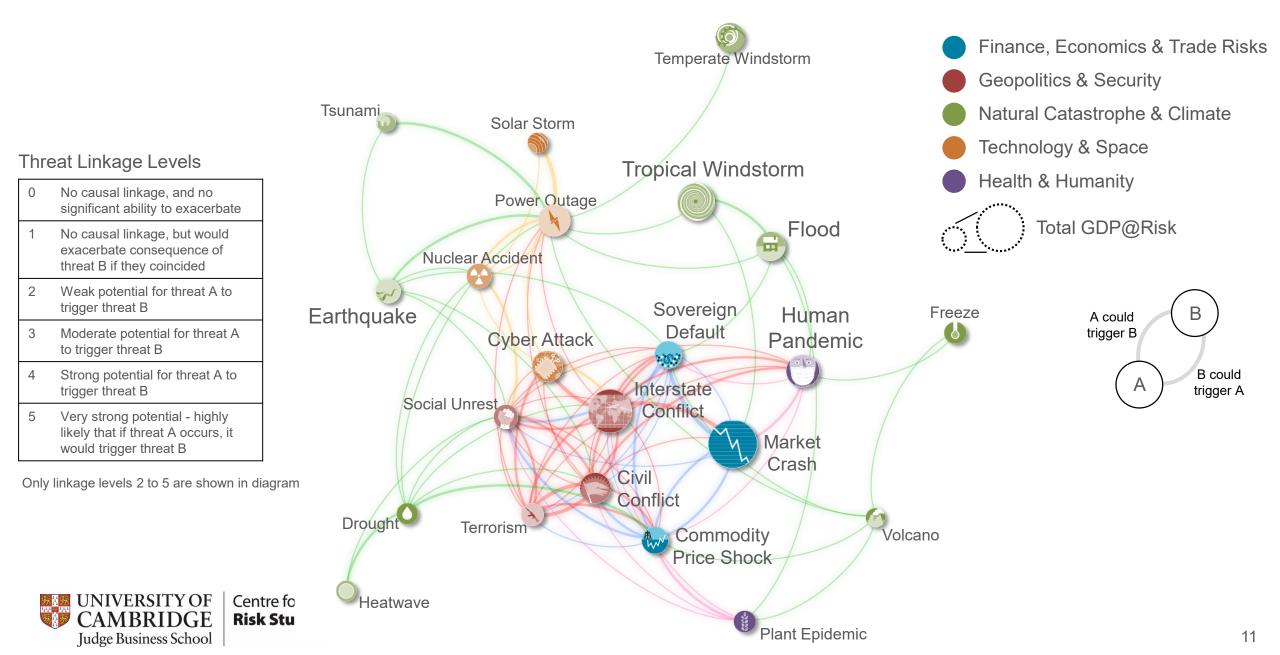
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0%

20%

Interconnected Causes of Risk





Technology and Space



Kelly Quantrill

Nuclear

Accident

Cyber Power



Solar Storm



Interstate

Conflict



Terrorism



Civil

Conflict

Geopolitics and Security



Social

Unrest



James Bourdeau



Carpenter

Natural Catastrophe and Climate

Outage



Earthquake



Tropical

Windstorm

Temperate

Windstorm

Attack



Tsunami



















Human Pandemic

Plant Epidemic

Kayla Strong

12



Deng

Finance, Economics and Trade



Market Sovereign Crash

Shock

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