WELCOME:
CAMBRIDGE GLOBAL RISK VISION

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A centre for research into *systemic risk* in business, the economy, and society

Based in the Business School at the University of Cambridge

Principally supported by funding from corporate supporters

Close industry engagement and high business impact from research outputs
Cambridge Global Risk Index

- 22 Threats
- 279 Cities (40+% of global GDP)
- World first in estimating “annualised economic loss”:
  - Economic Loss to Cities resulting from “All Threats”
  - First released 2015
  - Annually updated

Man-made risks could cost global cities $320 billion a year, survey shows

- Man-made risks including cyber-crime, interstate conflicts and market crashes are a bigger threat to economic output than natural disasters, according to a new survey from insurer Lloyd's.
- Man-made risks put an estimated $320.1 billion of global gross domestic product (GDP) at risk on average each year, the insurance giant said in its "City Risk Index."
- Man-made risks are a much bigger economic threat than hurricanes, floods, earthquakes and volcanoes.

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[News Article Link]
Why do we need to understand systemic threats? Why a Global Risk Index?

Populism

Trade War

Interstate War
When we designed and built the first Global Risk Index…

- Market Crash: $108.7bn
- Tropical Windstorm: $65.6bn
- Human Pandemic: $49.9bn
- Flood: $46.5bn
- Cyber Attack: $39.7bn
- Civil Conflict: $39.2bn
- Earthquake: $35.0bn
- Commodity Price Shock: $22.4bn
- Sovereign Default: $18.2bn
- Drought: $9.3bn
- Plant Epidemic: $8.4bn
- Power Outage: $7.8bn
- Volcano: $7.1bn
- Solar Storm: $7.0bn
- Temperate Windstorm: $3.9bn
- Freeze: $3.5bn
- Heatwave: $2.0bn
- Nuclear Accident: $1.3bn
- Tsunami: $1.0bn
When we designed and built the first Global Risk Index…

We were warned not to talk about these topics - not business friendly
Threat Models … From GDP to Business Impact

Technology and Space
- Nuclear Accident
- Power Outage
- Cyber Attack
- Solar Storm

Geopolitics and Security
- Interstate Conflict
- Terrorism
- Civil Conflict
- Social Unrest

Natural Catastrophe and Climate
- Earthquake
- Tropical Windstorm
- Temperate Windstorm
- Tsunami
- Flood
- Volcano
- Drought
- Freeze
- Heatwave

Finance, Economics and Trade
- Market Crash
- Sovereign Default
- Commodity Price Shock

Health and Humanity
- Human Pandemic
- Plant Epidemic