



# GLOBAL ECONOMIC LEADERS SUMMIT

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## Urban Resilience and Sustainable Economic Growth

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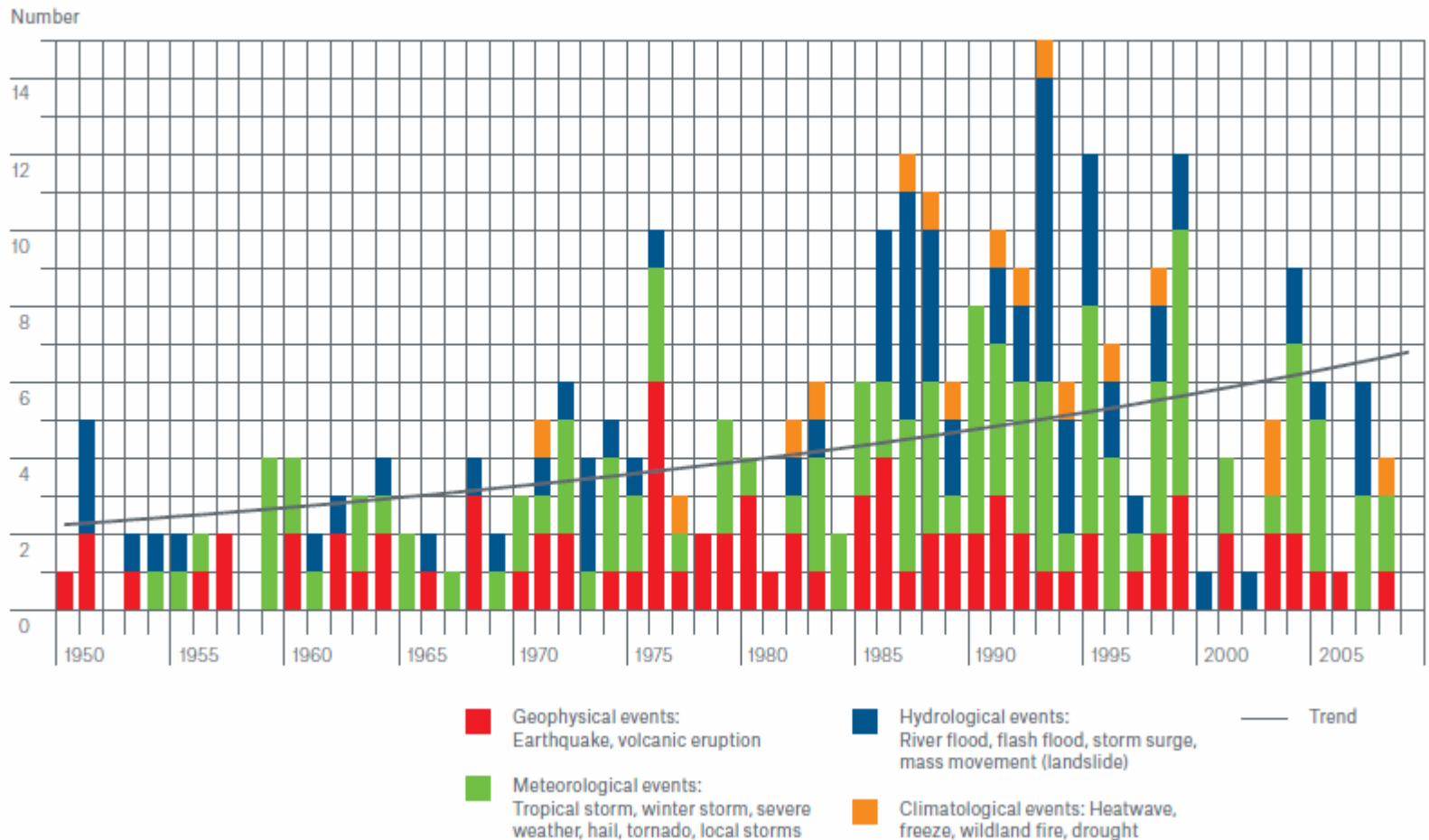
September 5, 2011



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## Natural hazard events are increasing globally

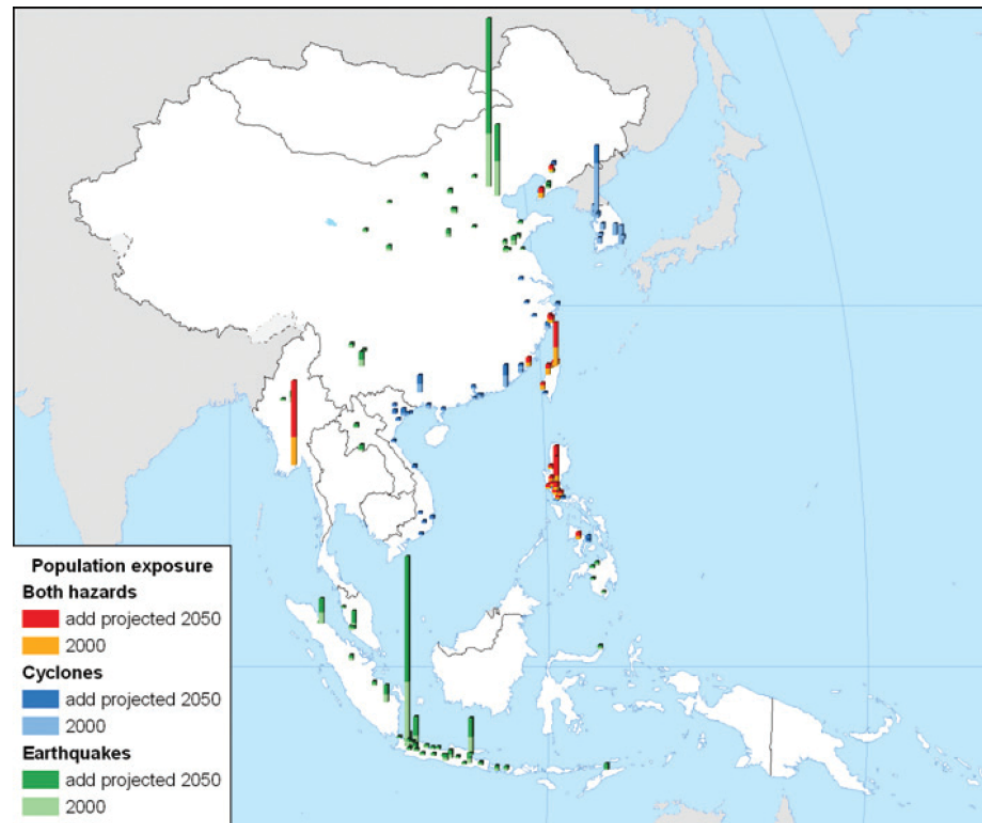




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## China is subject to many of these hazards





## Climate change will add to these hazards

Flood	Storm	Coastal 1m Sea Level Rise
Bangladesh	Philippines	All low-lying Island States
China	Bangladesh	Vietnam
India	Madagascar	Egypt
Cambodia	Vietnam	Tunisia
Mozambique	Moldova	Indonesia
Lao PDR	Mongolia	Mauritania
Pakistan	Haiti	China
Sri Lanka	Samoa	Mexico
Thailand	Tonga	Myanmar
Vietnam	China	Bangladesh
Benin	Honduras	Senegal
Rwanda	Fiji	Libya

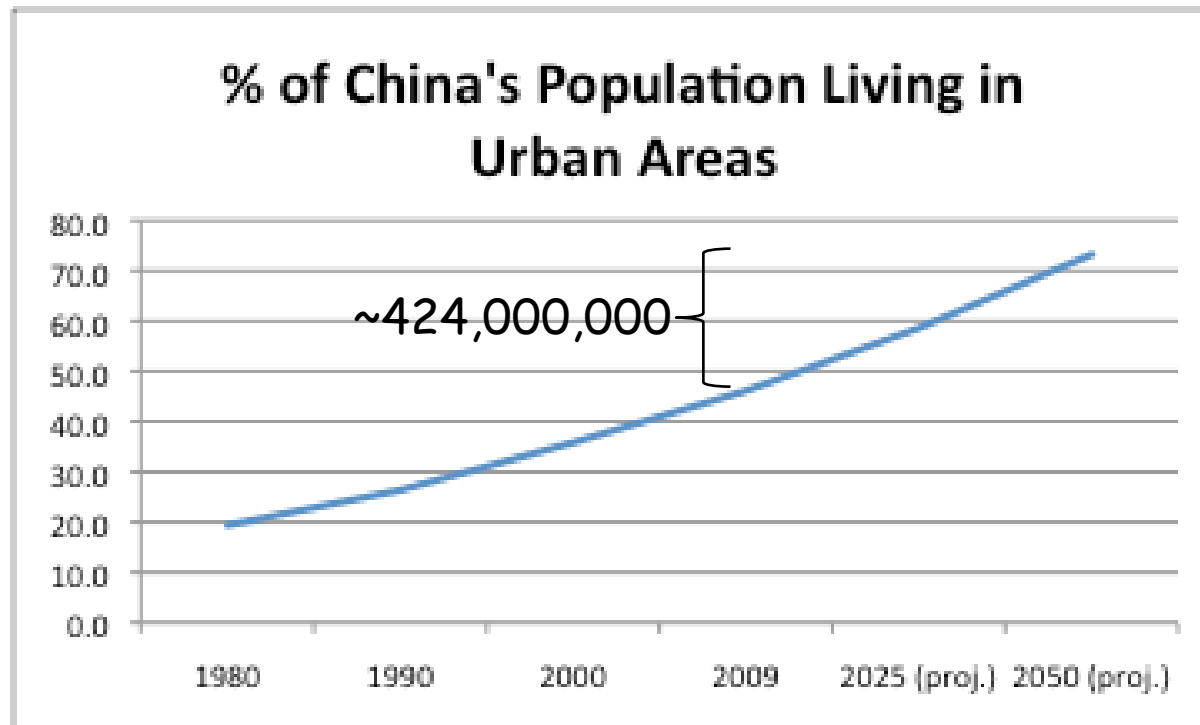
Countries at risk from climate change effects



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## Much of China's population is and will be concentrated in cities



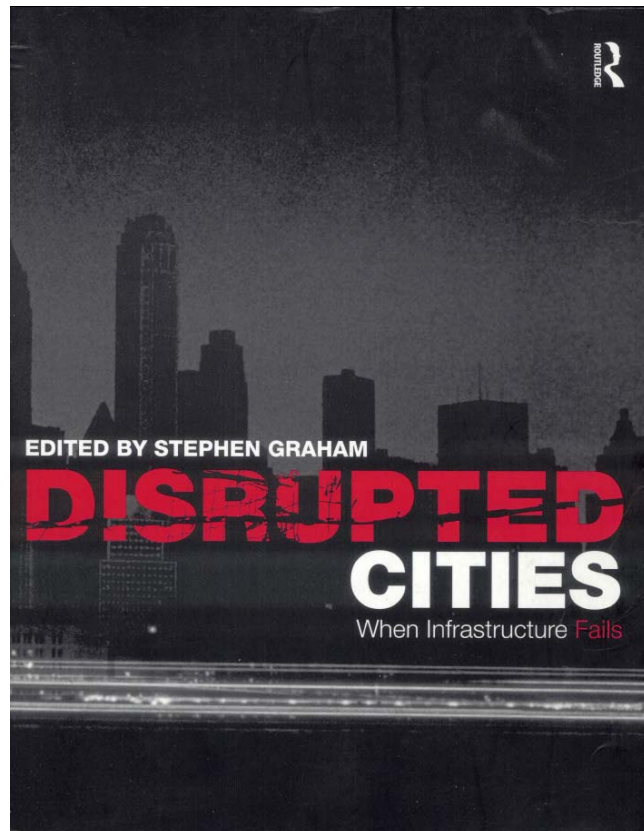




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**Cities and their residents are particularly vulnerable to hazards**





## What is resilience and why is it important?

"Resilience is a characteristic that gives enterprise buoyancy in the face of any disruption, increasing its day-to-day flexibility to respond to a world that is changing fast and becoming ever less certain."

*Yossi Sheffi, The Resilient Enterprise. 2005.*



## Some thoughts to improve urban resilience

- ❖ Develop human capital and institutional competence in disaster risk management.
- ❖ Carry out a critical review of urban disaster risk management policies and practices.
- ❖ Review and update building codes and their enforcement.
- ❖ Identify and delineate areas that are impacted by natural hazards.
- ❖ Adopt and enforce land use planning to control development in hazardous zones.
- ❖ Ensure resilience of critical buildings and infrastructure through a phased retrofitting program.
- ❖ Implement a range of Catastrophe Risk Financing products and services to pool risks and to alleviate budgetary shocks of disasters.





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## Thank you!

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