

Integrated Risk Governance Project

A Core Science Project of Global Environmental Change Program

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Executive Director

Goal:

to improve the governance of new risks that exceed current human coping capacities (very large-scale disasters)

A global network of researchers and educators with a multidisciplinary approach

6 regional offices with more than 30 universities and research organizations

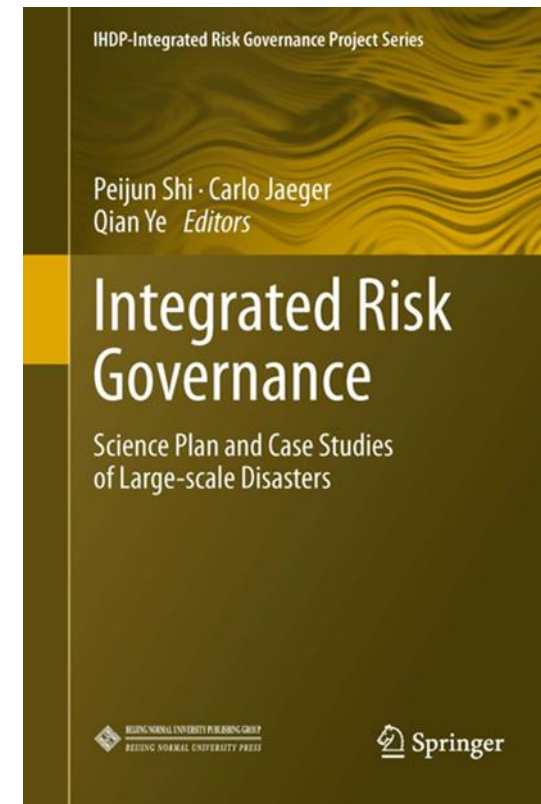
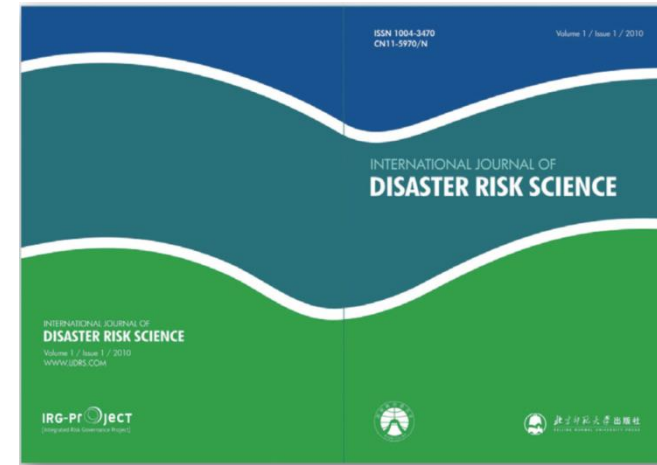
Major achievements (1)

▶ In science


- Complexity dynamic system sciences
 - modeling and simulation: climate change risk and green development)
- Disaster chains and their impacts
 - case comparison)
- Consilience concept
 - multidisciplinary methodology

Major achievements (2)

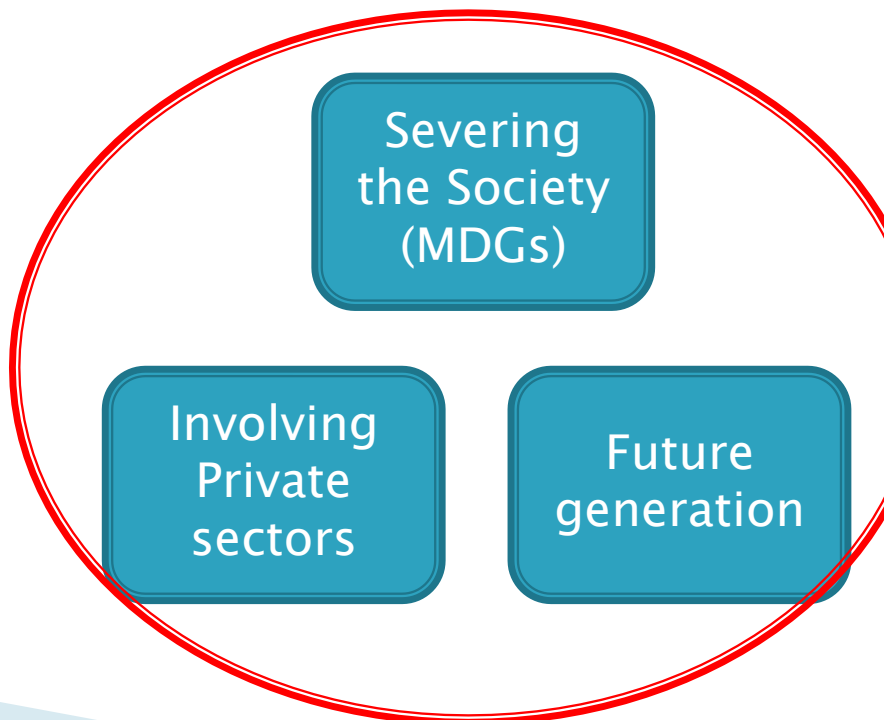
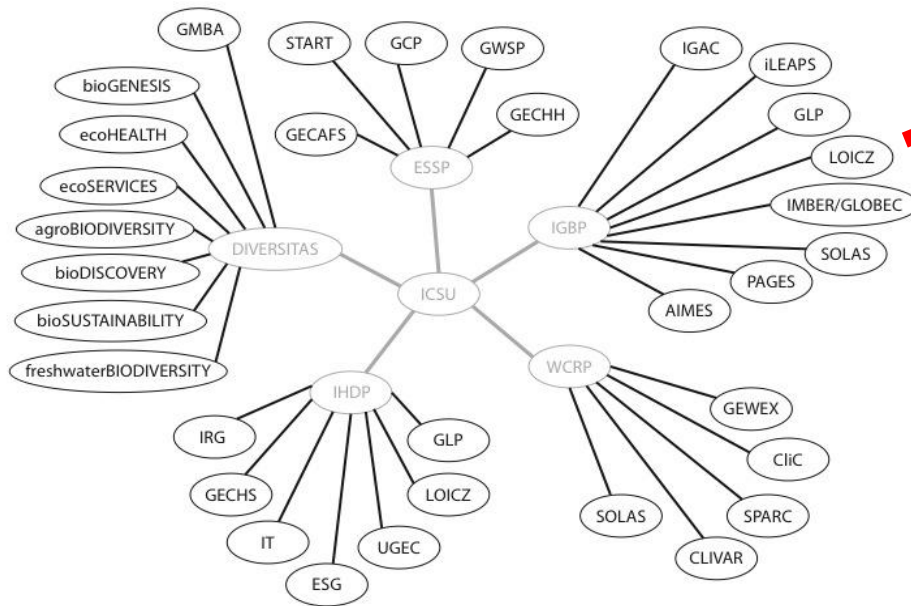
- ▶ In technology
 - ICT based toolbox for policy makers
- ▶ In education
 - Global university consortium for disaster risk sciences curriculum
- ▶ In knowledge dissemination
 - Book series
 - Peer-reviewed journal



Future goals and contribution to post-HFA 2015

- ▶ **To support Priority Action 1 of HFA 2015:** Ensure that disaster risk reduction is a national and a local priority with a strong institutional basis for implementation.
 - 1) Jointly with others to develop scientific assessment report on global disaster loss
 - 2) Developing theory, methodology and toolbox for risk assessment of disaster chains
 - 3) Jointly with others to develop framework and indicators to make better evaluation on the progress of national capacity of prevention, recovery and rebuild
 - 4) Innovations in institutions, global financial mechanism, education system and public training to better deal with VLSDs
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Networking and Coordination



Big 33: Global Environment Change Research Programs and Projects