



[Integrated Risk Governance Project]

# Integrated Risk Governance Project Implementation Plan (2016-2020)

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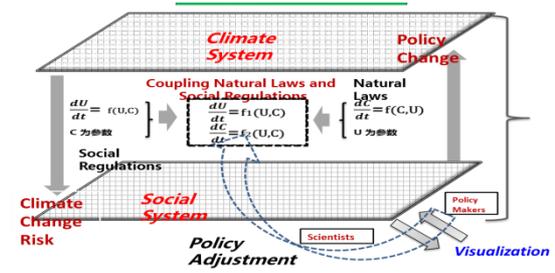
# Overview

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- ▶ The Integrated Risk Governance Project (IRG Project) was initiated by Chinese scientists in 2006, approved by IHDP in 2010 and officially launched in 2011 with a mission of
    - ▶ “improving the management of new risks that **exceed current human coping capacities** by focusing on the transitions in and out of the occurrence of relevant risks and by combining case study, modeling, and survey methods
  - ▶ IRG Project has been developed to **support academic research community** to share models, data sets, knowledge and open source technologies and **coordinate training and educating** for the global risk governance education community.
  - ▶ In early 2015, IRG Project successfully transferred as Future Earth’s core project. Under Future Earth’s framework, IRG Project identifies the following challenges,
    - ▶ reducing the number of casualties as well as the impact on productive capacity in developing countries, dealing with **new kind of global risks** and overcoming the limitations of current economic analysis in the face of new systematic risk.
  - ▶ IRG Project will focus on the tasks including:
    - ▶ **enhancing capability** of managing conventional disaster risks available to more and more countries and people on earth **and developing new ways of thinking** and institutions of risk governance for new systemic
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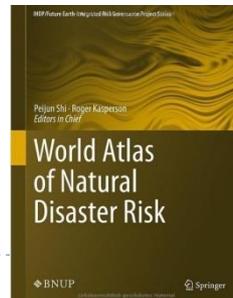
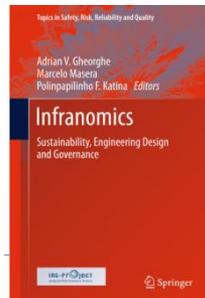
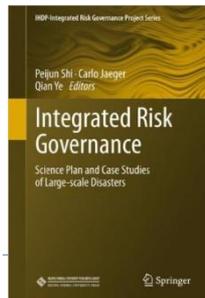
# Main Achievements

- Further **advanced theories** of integrated risk governance in better understanding disasters in social-ecological systems and as unintended consequences and **developed new methods** in stakeholder dialogues, and disaster cascade analysis



Coordinating the training and dissemination of new knowledge and information to the international education community.

Designated International Journal of Disaster Risk Science s accepted by various international citation indexes.



Book series published by Springer

# Future Plan (2016-2020)

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- ▶ “Dynamic Planet” :
    - ▶ Studying specific risks, especially risks of disasters like breakdowns of critical infrastructures, and of slow-onset events like sea-level rise in the integrative perspective.
  
  - ▶ “Global Development” :
    - ▶ Better understanding the risks identified in view of the first theme to the needs of global development in a much larger variety of dimensions.
  
  - ▶ “Transformations Towards Sustainability”,:
    - ▶ Developing not only the factual, methodical and theoretical knowledge about risks of global environmental change, but also of policies to address them for the purpose of achieving successful transformations towards sustainability.
  
  - ▶ The following five focal research topics are initiated by IRG Project for the next 5 years, including:
    - ▶ *Natural Disasters and Advanced Technologies:*
    - ▶ *Coastal Zones and Climate Change*
    - ▶ *Urbanization and Agriculture*
    - ▶ *Financial Markets and Global Systems*
    - ▶ *Green Growth and Integrated Risk Governance*
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# Recently Funded Projects

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- ▶ *2016-2020: El Nino Ready Nations (Cities) Campaign initiated by Prof. M. H. Glantz, University of Colorado, USA supported by USAID and NOAA (5 million USD)*
  - ▶ *2015-2017: Low-carbon and Climate-Resilient City in Asia, initiated by CLIMsystems, New Zealand and Ramboll-ENVIRON supported to Asian Development Bank (700K USD)*
  - ▶ *2015-2017: Climate Change Adaptation Planning based on Integrated Risk Governance Framework, initiated by China National Development and Reform Committee and Intasave, UK supported by Swiss Government (2.5 million USD)*
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# Planned Meetings in 2016

Time	Events
January 27-29	UNISDR Science and Technology Conference on the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 (Geneva, Switzerland)
February 14-16	E <sup>3</sup> S Extreme Events and Environments: from Climate to Society cross community workshop (Berlin, Germany)
March 29- April 2	AAG Annual Meeting (San Francisco, USA)
May 11-13	<b>Future Earth Cluster workshop on Uncertainties, Risks and Sustainability</b> (Beijing, China)
July 28- August 11	Summer School for Disaster and Risk Research
August 28- September 1	6 <sup>th</sup> international disaster and risk conference, Davos 2016 (Davos, Switzerland)
November 7 -18	United Nations Framework Convention on Climate Change (UNFCCC) -- (Morocco)



# Contact information

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