China Re-BJUT-IIEES-RCECWA Joint Workshop

"Disaster Economy and Insurance"

Date: Friday, November 13, 2026

China Re Cat Modelling Beijing, China

China Re Catastrophe Risk Management Company Ltd., Beijing University of Technology (BJUT), International Institute of Earthquake Engineering and Seismology (IIEES) and UNESCO Regional Education and Research Center on Earthquake Risk and Resilience in West and Central Asia (RCECWA) are promoting international scientific and academic exchanges on earthquake risk prevention and mitigation for urban area and infrastructure systems.

Sustainable Urban Management requires sustainable and efficient financial resilience (FR) system. The FR refers to the capacity of public institutions, the government, and the private sector to absorb, compensate for, and to manage the economic losses resulted from disasters, and to restore economic conditions and urban services to normal. The development and application of financial instruments both before and after a disaster—such as catastrophe insurance, crisis funds, catastrophe bonds (Cat Bonds), and emergency credit lines—constitute an unavoidable necessity in the path of risk management, financing reconstruction, and maintaining the city's economic stability (World Bank and GFDRR, 2014; OECD, 2015).

Program

9:00 – 9:15 (Tehran time) **13:30 – 13:45** (Beijing time)	**Opening Statement Workshop Objective and Plan by:** ***Dr. Dawei Lu:*** *Manager of China Ren Catastrophe Risk Management Company, Ltd.* ***Prof. Xiaojun Li:*** *College of Architecture and Civil Engineering, BJUT, China* ***Prof. Mohsen Ghafory-Ashtiany****: Prof. of IIEES (Iran) and Guest Professor of BJUT (China)*
9:15 – 11:15 (Tehran time) **13:45 – 15:45** (Beijing time)	**Presentations** 1. ***Dr. Tengfei Ma and Dawei Lu：*** *Modeling Earthquake Catastrophes in China: Risk Assessment and Insurance Innovation* 2. ***Dr. Amir Shahmohammadian, Prof. Babak Mansouri and Prof. Mohsen Ashtiany:*** *Development of FiCat-EQ toolbox: A financial catastrophe modeling tool for decision support* 3. ***Prof. Jun Zhu:*** *Earthquake Economic Loss Prediction Model and Method Based on Multivariate Information? (TBD)* 4. ***Prof. Mohsen Ashtiany：*** *Disaster Economy Model and Long-term budgeting* 5. ***Prof. Tao Wang and Dr. Zhou:*** *MultiHazard Risk Assessment of Industrial and its Use for Insurance Product* 6. ***Prof. Ye Tao (BNU),*** introduced by Prof. Peng CUI. *Note: Each Lecture is 15 minutes and follows by 5 minutes Q/A*
11:15 - 11:30 (Tehran time) **15:45 – 16:00** (Beijing time)	**Discussion: Moving Forward** ***Moderated by Dr. Dawei Lu, Prof. Xiaojun Li and Prof. Mohsen Ashtiany***

Bale online meeting links: