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INSTITUT FÜR GEOGRAPHIE UND REGIONALFORSCHUNG Universität Wien • Universitätsstr. 7/5 • 1010 Wien HÖRSAAI 5A

Prof. Dr. **Peijun SHI**

State Key Laboratory of Earth Surface Processes and Resource Ecology; Beijing Normal University, China



LARGE-SCALE DISASTER RISK ASSESSMENT AND DIVERSITY OF NATURAL DISASTER SYSTEM

Guided by the Regional Disaster System concept and starting with the conventional risk assessment model and taking into consideration the disaster chain characteristics of large-scale disasters, this speech will introduce a risk assessment model of large-scale disasters to adequately reflect the intensity of hazards, the vulnerability of exposure, and the stability of hazard-formative environment. From the case of Wenchuan Earthquake Disaster in China 2008, the Chinese and global risk transfer models for large-scale disasters are set forth to provide a reference for regions and countries to establish the financial management system of large-scale disaster risks.

Dr. SHI Peijun is a professor, the executive vice president of Beijing Normal University (BNU). He is the co-chair of the scientific committee of the Integrated Risk Governance Project, a core project of IHDP of Global Environmental Change. Dr. Shi also services as the member of the UNISDR Scientific and Technical Advisory Group, the jury member of the Volvo Environment Prize, the vice chairman of The Expert Committee of National Disaster Reduction Commission of China. Dr. Shi's research focuses on the natural disaster, global environmental change, insurance, risk governance, natural resources, and land use policy.