



Academy of Disaster Reduction and Emergency Management

Ministry of Civil Affairs and Ministry of Education

Beijing Normal University

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<http://www.adrem.org.cn>

Outline:

The Academy of Disaster Reduction and Emergency Management (ADREM) was set up at Beijing Normal University in 2006, authorized by the MOCA and Ministry of Education of China (MOE). Taking the general planning of public security science and technology system in the National Medium and Long Term Science and Technology Development Planning and principles in the Emergency Management Planning set by the State Council, as well as the national disaster planning made by the National Disaster Reduction Committee into consideration, the Academy was founded on the basis of NDRCC, MOCA and Key Laboratory of Environment Change and Natural Disaster, MOE. By combining advantages of science and technology and people on both sides, the Academy strives to be a national research base and educating center for disaster reduction and emergency management in China.

Research Areas:

- Set up Paradigms for Disaster Reduction and Integrated Disaster Risk Management in Typical High Risk Regions.
- Develop a Disaster Emergency Protocol Simulation System
- Develop natural disaster monitoring system and disaster-reduction ability evaluation system
- Develop a Comprehensive System of Policies and Regulations Disaster Reduction and Emergency Management
- Construct a National Educational and Training Center on Disaster Reduction and Emergency Management of China

Features of Research Activities:

- Multi-disciplinary. In the Academy, there is a group of faculty and researchers from various fields, e.g. Geography, Meteorology, Hydrology, Environment, Civil Engineering, Transportation, and Economics, etc. The inter-disciplinary structure allows integrated study on disaster risk;
- Application/ implementation oriented. The ultimate goal of disaster research is to reduce disaster risk. Based on solid scientific studies, the Academy is trying to provide consultant service, both for prevention planning and emergency management, to policy-makers and private sectors involved in disaster risk reduction;
- IHDP-Integrated Risk Governance Project as the new frontier of risk research. Study in the Academy will particularly focus on very large-scale disasters that exceed current coping capacity of socio-ecological system with emphasis of entry and exit transitions.
- Disciplinary development. The Academy is trying to build the innovative base for the disciplinary development and research of hazard and risk science in China.