

National Science and Technology Center for Disaster Reduction

Established in 2003, National Science and Technology Center for Disaster Reduction (NCDR) consists of 10 divisions to cover interdisciplinary fields ranging from natural and technological disasters to socio-economic impacts. With the internally crosscutting collaboration, NCDR is capable of producing all-hazards approaches for disaster risk reduction and emergency preparedness. Meanwhile, NCDR, not a pure research institute, also focuses on carrying practical technology transfer, participating in emergency response, and assisting empowerment of capacity building at local level such like community. Moreover, NCDR dedicates to international collaboration to share with and learn from international partners through information and experiences exchange and joint projects.



Under supervision of the National Science Council (NSC), NCDR has the obligation to provide short-term and long-term suggestions to NSC for future investment in disaster management. During emergency like typhoon or earthquake, NCDR will chairs the assessment group of the Central Emergency Operation Center (CEOC) has teamwork with relevant government agencies to generate comprehensive situation assessment including risk potential analyses of floods, landslides and debris flows, which will be the best reference of evacuation.

Future Direction

NCDR actively acts as the bridge among academic institutes, public sectors, local organizations, and communities with a view to implementing technology dissemination and knowledge of emergency preparedness. Such task is considered crucial in raising public awareness and capacity of dealing with disasters.

Major prospects are listed as following:

- **Disaster Risk Reduction Related to Climate Change Adaptation**
- **Developing Tools for Producing Disaster Risk Maps**
- **Issues of Large-scale Compound Disaster in Urban Areas**
- **Empowering the Local-level Capacity**