

Center for Disaster Management Informatics Research, Ehime University

3 Bunkyo-cho, Matsuyama, Ehime 790-8577 Japan

<http://cdmir.jp/>



Outline

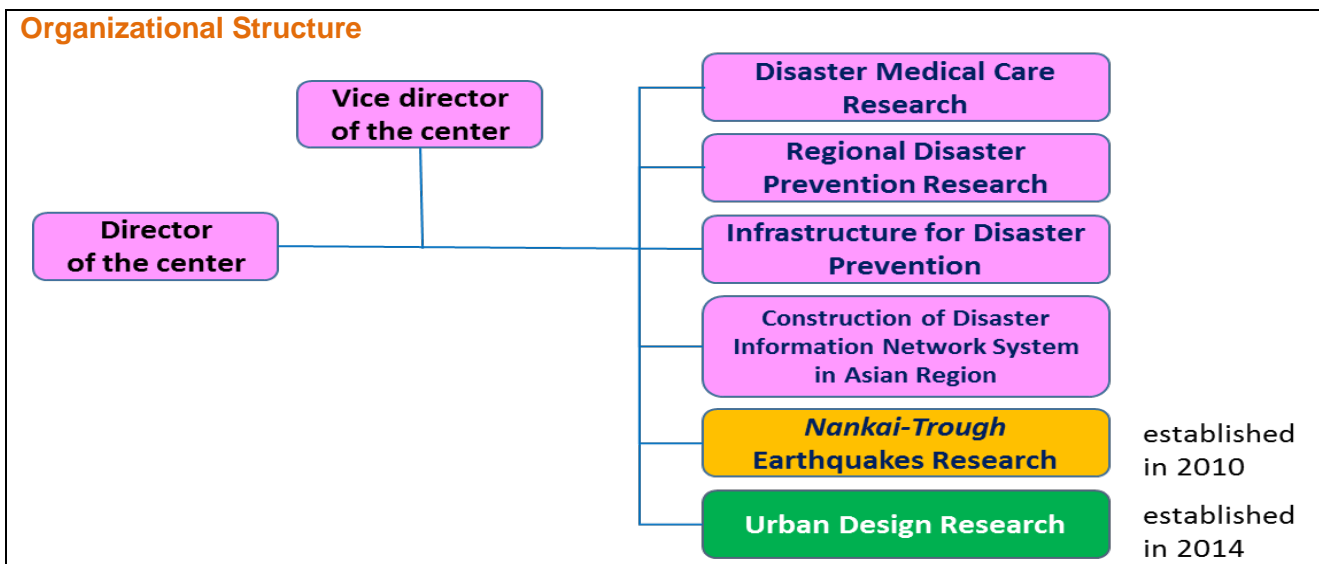
The Center for Disaster Management Informatics Research (CDMIR) at Ehime University was established in 2006. In the beginning, it was composed of only four research divisions including Disaster Medical Care Research Division, Regional Disaster Prevention Research Division, Infrastructures for Disaster Prevention Division, and Division for Disaster Information Network System in Asian Region, but in 2010, Nankai-Trough Earthquakes Research Division was also added so as to revisit the disaster preparedness plan against the widespread damage during Nankai Earthquake. More recently in 2014, the number of research divisions has increased to six with the addition of Urban Design Research Division. CDMIR objectives are being met basically through the following two types of activities:

- (1) Support the local communities with disaster mitigation plans in Ehime
- (2) Strengthen collaborative relationship for disaster mitigation in Asia

As a local disaster mitigation support, CDMIR has been annually convening Ehime Disaster Management Forums since 2009. The forum consists of public, private, and academia groups including the mayors of 20 cities and towns of Ehime prefecture. In 2011, the Association of Regional Disaster-Prevention Research in Ehime was established under the initiatives of CDMIR, to study the diverse disaster prevention and mitigation issues from a regional perspective.

As one of the natural disaster hotspots of Asia, Ehime University has signed academic exchange agreement with five universities and colleges in Nepal that include Nepal Engineering College, Tribhuvan University, Kathmandu University, and others. In 2006, a satellite office of Ehime University was also placed in Kathmandu Nepal to facilitate various Nepal-based disaster management activities of CDMIR. Since then, CDMIR has been conducting various research and training activities aimed at supporting disaster mitigation efforts of Nepal. International symposiums and seminars on disaster mitigation/management issues are also frequently organized. The overall goal of CDMIR is to promote regional disaster management as a part of societal development to foster disaster-resistant and disaster-resilient communities for Ehime, for Shikoku, for Japan, and for Asia.

Organizational Structure



Research Achievements and Challenges

Research Areas

- Disaster Medical Care Research
- Regional Disaster Prevention/Mitigation Research
- Infrastructure for Disaster Prevention/Mitigation
- Building Disaster Information Network System in Asian Region
- *Nankai-Trough* Earthquakes Research
- Urban Design Research

Typical Research Activities

To revisit disaster preparedness plan against the widespread damage during Nankai earthquake

- Lectures all over the cities and towns in Ehime (BOSAI Caravan)
- Holding five workshops on disaster prevention/mitigation issues for local governments

Damage survey and restoration support (Photo 1)

One of the features of CDMIR's activities is damage survey. Integration of local communities through mobilization of disaster volunteer is also a primary feature.



Photo 1: volunteer for flood disaster

Activities in Asia (Photo 2, 3)

- Holding international symposium on disaster prevention/mitigation issues in Nepal
- Support to prepare textbooks for disaster prevention/mitigation
- Strengthening of partnership with other Asian countries



Photo 2: International symposium

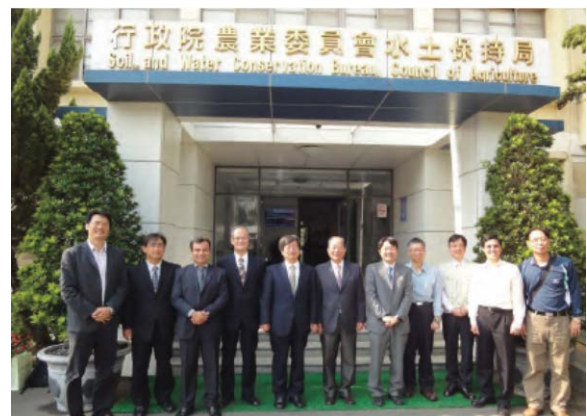


Photo 3: Exchange meeting in Taiwan