

**Minutes**  
**of**  
**the Fourth Tripartite Meeting on Earthquake Disaster Mitigation**  
**among**  
**China Earthquake Administration of the People's Republic of China,**  
**Japan Meteorological Agency of Japan and**  
**Korea Meteorological Administration of the Republic of Korea**

28 November 2008, Tokyo, Japan

1. At the kind invitation of Dr. Tetsu Hiraki, Director-General of the Japan Meteorological Agency (JMA), the delegation from the China Earthquake Administration (CEA), headed by Mr. Xiu Jigang, Vice Administrator of CEA and the delegation from the Korea Meteorological Administration (KMA), headed by Mr. Seong-Kyu Yoon, Deputy Administrator of KMA visited Tokyo, Japan on 28 November 2008 to attend the Fourth Tripartite Meeting on Earthquake Disaster Mitigation among CEA, JMA and KMA (TMEDM). The present document was prepared as the minutes to summarize the outcomes of the Fourth TMEDM.
2. At the beginning of the Meeting, the Directors expressed their sincere condolences with victims of the great earthquake in eastern Sichuan, China in May 2008, of the one in Iwate and Miyagi prefectures, Japan in June 2008, and of other recent earthquakes in the world. The events once again reminded people of a



real threat of earthquakes, and three organizations affirmed that it is important to provide prompt and accurate information in emergency. The Directors also reaffirmed the necessity of continuation and acceleration of the cooperation among the three organizations in order to mitigate earthquake and associated tsunami disasters in the Northeast Asian region.

3. Representatives of the three delegations introduced the current status and its future plan on each organization's earthquake and tsunami warning/information service, and reported recent significant earthquake disasters. JMA reported the commencement of the Earthquake Early Warning (EEW) service for the public, recent improvement achieved in its tsunami warning system, and their operations during the recent events including the disastrous earthquake in Iwate and Miyagi in June 2008. JMA also made an operational report of the Northwest Pacific Tsunami Advisory Center (NWPTAC) under the framework of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS).

CEA reported on the Sichuan earthquake of May 2008 from the following aspects: focal mechanism, aftershocks, earthquake engineering, and emergency response, and its future plan for improving relevant work comprehensively in China.

KMA reported about recent improvement of its earthquake monitoring & auto-analysis system and tsunami warning system. KMA also reported the proceedings and outcomes of the international workshops which KMA hosts every year to extend the understanding of surrounding nations (Japan and



China). The research topics are mainly focused on earthquake and tsunami in Asia.

4. The Directors confirmed that the mutual cooperation among three organizations has been promoted through the previous and this TMEDMs as follows:

(1) Real time seismic waveform data exchange has been successfully performed between JMA and KMA. CEA has been providing KMA with near real time seismic waveform data. JMA, as the NWPTAC under the framework of the ICG/PTWC, has been providing CEA and KMA with earthquake and tsunami information.

CEA, in response to the request by JMA and KMA during the last TMEDM, decided to provide a potential list of its seismic stations whose near real time data can be available to both organizations.

Three organizations decided to exchange information quickly when major earthquakes occur in and around their countries, by e-mail and/or other appropriate means.

(2) Experts' mutual visits have been steadily carried on to share research results, technical knowledge and system operation manners among the three organizations. KMA invited experts from CEA and JMA to the above-mentioned workshops in 2006, 2007 and 2008. KMA sent its experts to JMA in 2007, 2008 and its affiliated organization, Kakioka Magnetic Observatory, in 2008. CEA sent experts to JMA in 2007 and 2008.

(3) During the Meeting, the three organizations exchanged information of and



discussed new technologies useful for earthquake disaster prevention, and recognized that the EEW service has been working effectively for this purpose in Japan. They also recognized importance of sharing JMA's experience on EEW among three organizations.

5. The Directors re-designated the focal point of each organization to facilitate implementation of the action items decided in the Meeting.
6. The Directors, recalling successful results achieved so far mentioned in item 4., determined that three organizations continue to closely cooperate each other for the promotion of these cooperative works and that the next TMEDM will be held in Korea two years later.
7. Finally, the Directors anticipated that the Fukuoka Trilateral Summit on 13 December 2008, will further promote cooperation among the three organizations.
8. The Directors expressed their satisfaction with the friendly atmosphere and fruitful outcome of the Meeting. Mr. Xiu Jigang and Mr. Seong-Kyu Yoon expressed their gratitude for the warm hospitality extended by JMA.



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