

Minutes of the Third 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

20 November 2006, Beijing, People's Republic of China

1. At the kind invitation of Mr. Chen Jianmin, Administrator of the China Earthquake Administration (CEA), the delegation from the Japan Meteorological Agency (JMA), headed by Dr. Tetsu HIRAKI, Director-General of JMA, and the delegation from the Korea Meteorological Administration (KMA), headed by Mr. Lee, Man-Ki, Administrator of KMA, visited Beijing, the People's Republic of China on 20 November 2006 to attend the Third 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 Third TMEDM.
2. The Directors recognized that significant progress has been made in the cooperative actions among the three organizations since the last TMEDM held in 2005. They reaffirmed that earthquake disasters are one of the most serious

threats to the safety of human lives in the world and among them especially tsunamis are still the matter of importance to be addressed by each country, given the fact that the tsunami caused by the large earthquake occurred off-the-south coast of Java Island, Indonesia in July 2006 claimed significant number of lives. In this regard, the Directors also reaffirmed the necessity of continuation and acceleration of cooperation among the three organizations in order to mitigate earthquake and tsunami disasters in the Northeast Asian region.

3. The three delegates gave introductions of their respective work. CEA explained the existing earthquake monitoring network and its development in China. JMA explained that it started to provide Earthquake Early Warning (EEW) to the designated institutions in August 2006, and that it applied EEW's hypocentral parameters for tsunami warning service in October 2006. KMA explained that the borehole seismometer and the ocean bottom seismometer (OBS) would be installed and operated in December 2006 and expressed its appreciation to JMA for its technical support. The delegates recognized the necessity to strengthen communication and coordination on earthquake disaster mitigation in the far-east Asia, or even in the other areas of Asia, so that the capability of regional earthquake disaster mitigation will be improved.
4. On the basis of the minutes of the previous two tripartite meetings, three organizations agreed to strengthen cooperation in the following aspects:
 - 4.1 JMA and KMA have started exchanging real-time seismic wave data of selected seismic stations in each country. Both organizations expressed their satisfaction on the exchange of seismic wave data for the improvement

of monitoring seismic events occurring in the Northeast Asian region. CEA commended JMA and KMA for their establishments in the exchange of earthquake information and data. CEA expressed its great interest in a project of installing the borehole seismometer and the ocean bottom seismometer which KMA introduced at the second tripartite meeting, and showed interest in the data exchange after seismometers are installed. JMA and KMA expressed their interests in receiving seismic data from 5 seismic stations of CEA in near real time. Three organizations agreed to proceed with technical consideration and detailed discussion toward the implementation of near real-time exchange of observational data of seismic wave and tidal wave among the tripartite experts.

4.2 Individual delegates reiterated that when a catastrophic earthquake disaster of M6.5 or more occurs, each organization should provide the other two organizations with information on the origin time, hypocenter and magnitude of the earthquake which occurs within the territory of their own country or adjacent area, through any means of facsimile, Internet(E-mail), and GTS, as soon as possible. As to 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) of the Intergovernmental Oceanographic Commission (IOC) of UNESCO, JMA reported that the coverage area of NWPTAC was expanded into the South China Sea on an interim basis, and CEA and KMA expressed their appreciation to JMA's efforts and contribution to the international society.

4.3 KMA reported the proceedings and the result of the workshop on earthquake disaster prevention held in Jeju, Korea in December 2005. KMA appreciated JMA for its provision of technical materials concerning Earthquake Early Warning and cable-type ocean bottom seismometer system, and JMA expressed its willingness to continue the provision of information of these techniques. Three organizations agreed to continue the exchange of information and experts for applications of new technology to seismic data processing. In this regard, KMA expressed its willingness to hold the international workshop in Daejeon, Korea at the end of November 2006.

4.4 CEA and JMA reported that scientists from both organizations participated in the symposium held by Chinese Academy of Sciences in November 2005 and exchanged information on their research activities. In order to promote the implementation of the cooperative activities pushed forward in the tripartite meeting, the three organizations agreed to organize a tripartite workshop on earthquake observation and research in 2007, which will enhance the sharing of research results in earthquake science and discuss possible cooperative field and projects. Details of the workshop will be fixed after the three focal points' discussion.

5. The Directors re-designated the following focal points to facilitate implementation of the action items agreed upon in the Meeting, respectively;

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6. The Directors agreed that the fourth TMEDM would be hosted by JMA in 2008, and suggested that TMEDM will be held biyearly in the future. JMA would notify the other two organizations of the time and venue of the meeting. The Directors

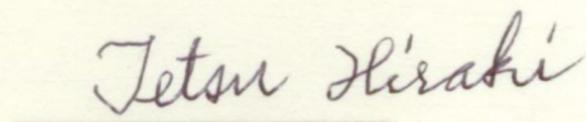
confirmed that the agenda for the fourth TMEDM would be prepared through mutual consultation.

7. The Directors expressed their satisfaction with the friendly atmosphere and fruitful outcome of the third meeting. Dr. Tetsu HIRAKI and Mr. Lee, Man-Ki expressed their deep gratitude for the warm hospitality extended by CEA.



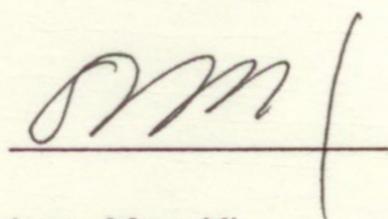
Chen Jianmin

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On 20 November 2006, Beijing