

An Attempt of Using of Earthquake Prompt Reports for Dispatching Health and Medical Support Team

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I will talk about an attempt to develop an information tool for supporting the activities of health and medical assistant teams during earthquake disasters by using the damage estimation based on the earthquake prompt reports. Japan has built up a framework for dispatching assistant teams such as DMATs to rescue victims as soon as large scale disaster occurs on the basis of the lessons learned from previous devastating disasters due to earthquakes and some other natural hazards. However, rescue in mostly affected areas might be delayed because of the absence of information. The rapid estimation of the numbers of damaged buildings and injured people based on the real-time information such as earthquake prompt reports has a potential to provide the indication for the effective support with efficient usage of limited resources. I will present a fundamental design of an information tool for the above purpose.

Keywords: Earthquake Prompt Report, Rescue, Health and Medical Support, DMAT