

Use and Application of the Real-time Earthquake Information - Fujisawa City and The Tokio Marine Risk Consulting CO., LTD. -

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We have developed the Real-time Earthquake Information System, which can provide earthquake information just few seconds after P-wave arrival at the nearest station from a hypocenter. This system determines hypocenter and magnitude immediately by using telemetry high-sensitivity seismographs network operated by NIED (e.g., Horiuchi et al., 2004; Kamimura and Horiuchi, 2003; Negishi et al., 2002). The real-time earthquake information is transmitted by XML data packet through various kinds of communication ways, such as dedicated lines, Internet and satellite lines. This data have potentiality of much help for disaster mitigation and some other purposes. Now we are conducting the actual proof experiment in collaboration with Fujisawa City and The Tokio Marine Risk Consulting CO., LTD. in order to verify the validity and practicality about the distribution, use and application of this information.