Sp-P003

Real-time Operation System for Earthquake (ROSE) Real-time system for acquiring earthquake damage information based on ROSE

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Various systems estimating strong ground motion and earthquake damage have developed after the 1995 Kobe earthquake. But, it is difficult to acquire actual earthquake damage information only with the estimated information. In this paper, a realtime system for acquiring earthquake damage information was developed. The system consists of two components; both are based on the estimation for the strong ground motion and earthquake damage using the ROSE system, immediately after earthquakes. One is the Pub-info system, which acquires damage information using questionnaires on Web pages by public. The other is the Pro-info system, which acquires accurate damage information using mobile tools by professionals.