



FUNDAMENTAL SIMULATION ON POST-DISASTER EVACUATION FROM BUILDING AT UNIVERSITY CAMPUS

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ABSTRACT: Many people stay and study at classrooms in a university campus, which may result in dangerous situation during and after earthquake disasters. This paper conducted fundamental simulations on evacuation from a disaster to improve the safety of the university campus. The results showed that the evacuation process had three stages related to the usage of several exits. The evacuation guidance was insufficient for some cases, whereas the capacity-enhancing of the doors had good effect.

Key Words: Evacuation process, university campus, numerical simulation, evacuation guidance