

## Disaster Research Report of Niigata Chuetsu-oki Earthquake in July 2007

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In the off shore of Niigata Chuetsu, a big earthquake of M6.8 occurred at 10:13 on July 16th 2007. The hypocenter of the main shock was 17 km deep and the shaking more than 6 Richter in scale, gave serious damages to Kashiwazaki City, Kariwa Town, Izumozaki Town, Nagaoka City in Niigata Prefecture, and Iizuna Town in Ngano Prefectgure.

First of all, we investigated the outline of earthquake damage using aerophoto interpretation. After that, the disaster field investigation was done on August. From these results, particularly on the liquefaction and landslides both of which are typical seismic disasters, their situations and mechanisms are discussed in this meeting. And again, we report the results of our investigation on the landslides or destabilized slopes just after the earthquake.