



Flash report on field survey of the 2004 Niigata-ken-chuetsu earthquake

Asian Disaster Reduction Center

On October 23th, 2004, a large earthquake of magnitude 6.8 on Richter scale struck Niigata prefecture. From October 29th to 30th, ADRC conducted the field survey on the earthquake damage in Niigata. The affected area is as follows.



Derailment of bullet-train, Nagaoka city



Landslide, Nagaoka city



Blocked road by landslide, Ojiya city



Completely collapsed wooden house, Ojiya city



Life up of manhole by liquefaction, Ojiya city



Heavily damaged store (RC structure), Ojiya city



Emergency damage assessment of buildings, Ojiya city

Results of inspection (3 ranks) are displayed on the front walls as follows.



(1) Sign of safe building



(2) Caution of unsafe building



(3) Notice of limited entry



Road damage by landslide, Ojiya city



Damage to railroad by landslide, Ojiya city



Tent village set up by Self-Defense Forces, Kawaguchi town



First story collapsed wooden house, Kawaguchi town



Completely collapsed wooden house, Kawaguchi town



Bending fracture of bullet-train's bridge, Kawaguchi town

