

Quick report of aftershock and microtremor observations in disaster area due to the 2016 Kumamoto Earthquake

- From points of view of surface faulting and geographic transition in Mashiki town -

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Aftershock and microtremor observations were conducted in Mashiki town where severe damage spreads over due to the 2016 Kumamoto Earthquake. Two targets are set for the observations. One is searching out the difference of ground motion between surface faulting areas without severe damage and severely damaged areas without surface faulting. Another is assessing the effect of surface geology and geographic transition on spotted damage distribution in downtown area. Using the observed records, productive discussions about causes of disaster are expected.

We express our appreciation to the local people who kindly showed their favoritism to our observations.

Keywords: Mashiki town, Aftershock observation, Microtremor observation, Surface faulting, Geographic transition