

Development of microtremor survey observation system.

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Recently, an investigation and an analytical case in the microtremor survey have increased to know the characteristic of the earthquake movement. However, neither equipment nor the tool of microtremor survey have aimed at the efficiency improvement of the investigation process as for the current state.

This development has aimed at the simplification of the investigation process in the microtremor survey. Three developments were done.

1)Development of all-in-one design microtremor measurement machine.

2)Development of dynamic analytical tools of the observational data.

3)Development of survey positional automatic observation decision tools.

The investigation process can be shortened by using the above-mentioned system.