

## Subsurface structure of Fukushima Hamadori Earthquake (M7.0) .

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The earthquake occurred in Fukushima on April 11, 2011 after the Great East Japan Earthquake. Accordingly the normal fault rose along the Shionohira fault. Seismic reflection survey was carried out in order to explore the activity of the Shionohira fault.

The results are as follows; The two normal faults cross each other in the ground and the upper layer's vertical displacement the faults was bigger than lower one. The normal fault type earthquake has been occurred on this research area in the past. The fault plane bend in the crust.

Keywords: Fukushima Hamadori Earthquake, surface rupture, seismic reflection survey