Japan Geoscience Union Meeting 2015

(May 24th - 28th at Makuhari, Chiba, Japan) ©2015. Japan Geoscience Union. All Rights Reserved.

SSS25-P20

Room:Convention Hall

Time:May 25 18:15-19:30

A study for detection of the site on inclined engineering bedrock based on microtremor observation

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The local site amplification is seen in the ground motion observed at site on inclined engineering bedrock. So, the site is the important point from the view of the seismic design. In this study, the feasibility of detection of the site on inclined engineering bedrock based on microtremor observation is verified. As the result, the ratio of vertical Fourier spectrum between two point shows the harmonic tendency of the degree of the slope of the engineering bedrock.

Keywords: microtremor, surface wave, irregular ground