
SSS016-P13

Room: Convention Hall

Time: May 24 17:15-18:45

Microtremor array observations in the Naha City on the Nansei Islands, Japan

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We conducted microtremor array observations for the 4 sites in the Naha city to estimate 1D S-wave velocity profiles of deep sedimentary layers over the basement with a V_s about 3.0km/s. The details of the observation and analysis were described and discussed previous some papers (e.g. Yamanaka et al., 2005). Although, we just only calculated the phase velocities from microtremor data, we will get the S-wave velocity profiles.

Keywords: Nansei Islands, Naha city, Microtremor array exploration