

Estimation of subsurface structure and seismic array observation in the Hokusetsu region(part2)

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In the previous papers, the analytical results of microseisms at multi-sites which travels through the middle in the Senri hills and seismic array observations carried out in the boundary region between the Hokusetsu mountains and the Osaka basin are investigated. This time, two traverse lines(for microseisms) in east and west in the Senri hills , and a seismic observation site located at the Hokusetsu mountains were added. The following was concluded; 1) The predominant frequency of microseism H/V ratios in the west in the Senri hills lowers further than the east. 2)The spectral ratios of the sediment sites to the rock site become 4 to 15 times in the graben region between the Hokusetsu mountains and the Senri hills, 2 to 5 times in the Senri hills, respectively.

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