

The S-wave velocity structural features of Chubu district

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Velocity structure presumption is very important for seismological studies. After 1970's, many structure investigations with controlled sources were performed, and the P-wave velocity structures of the various part of Japan have been obtained (Iwasaki *et al.*, 2002). Although many P-wave velocity structures have been obtained, there is not so much studies of S-wave velocity structure, which is important for damage prediction of an earthquake.

So, In this study, we clarified the S-wave velocity structure and its feature of the Chubu district, using with Hi-net seismograms observed around Gifu prefecture.