

Development of on-line data acquisition system for strong motion seismic records in the Tokai district

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Investigation of the characteristics of ground vibration around populated region is important for the researches and practical affairs on the seismic disaster prevention. In order to grasp the characteristics, it is necessary to observe strong motion with networks of densely distributed seismometers and unified database of these data.

Recently, many seismic networks have been deployed by various institutions in the whole Japan. In order to acquire seismic data observed by these networks and create unified database, "Metropolitan Strong Motion Observation Network" is developed by Universities in Japan. In this report, we report the status of the development in Tokai district.