

Trench Excavation Study of the Middle Itoigawa-Shizuoka Tectonic Line Active Fault System at Okaya, Central Japan

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The 150 km long Itoigawa-Shizuoka tectonic line active fault system (ISTL) in central Japan is one of the most active fault systems in Japan. Paleoseismological studies 1980s have revealed that the most recent event and the average recurrence interval of the middle ISTL. Several left-lateral active faults extend across the study area in the direction of NW-SE. Trench excavation study at Nishiyama, Okaya, revealed that the latest faulting event occurred between 3660 yBP to 4280 yBP. Details of the results will be reported in the presentation.

This study was supported by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan, under its Observation and Research Program for Prediction of Earthquakes and Volcanic Eruptions.

Keywords: active fault, paleoseismology, trench excavation study, ISTL