

Recent activity of the Tokachi-Plain Fault Zone, Hokkaido, Japan

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http://www.gsh.pref.hokkaido.jp/b_chiiki/k_hyouso/hirose/hirose.html

Tokachi-Plain Active Fault Zone exists at the eastern side of Tokachi Plain, and would be active since middle Pleistocene. Detailed survey of these faults (drilling, pit, and trench survey) has performed by Hokkaido Local Government until 2001.

Trench, pits, and arrayed drilling survey are carried out on the Asahi Fault and Kochien Fault. A set of arrayed drilling survey was also performed across the Tobetsugawa fault. The recent seismic event of the Asahi Fault is estimated before 12 ka. At least two events are recognized for Kochien Fault. On the other hand, The result of the arrayed drilling survey for flexural scarp of Tobetsugawa Fault indicate that the scarp is the latest Pleistocene Paleo-sand dune developed at the eastern side of Tokachi Plain.