

Subsurface geologic structure of the Fukuoka Plain near the Kego Fault based on borehole database

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The Kego Fault is a 50km-long north-west trending left-lateral slip active fault in north Kyushu, Japan. The southeast part is traced in the Fukuoka plain. We formed the shallow-level subsurface geologic model of the Fukuoka Pain based on the borehole database in order to reveal subsidence of the plain and the sedimentation affected by active faulting of the Kego Fault.

Keywords: borehole data, subsurface geologic model, Kego Fault, Fukuoka Plain, Quaternary