

The Sakai-toge Fault;active fault in the southern Hida Mountains,central Japan

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The Sakai-toge Fault in the southern Hida Mountains is a northwest-southeast trending active fault which is traced more than 50km long. The average of the horizontal slip-rate of the fault is 1-4m/ky(sinistral) and that of vertical one is 0.4-0.5m/ky during Late Pleistocene and Holocene times.Judging from the drug of the basement rocks along the fault,the total horizontal displacement of the fault reaches 4-5 km.