

Sequential occurrence of earthquakes in southwest Japan in terms of change in earthquake-generating stress

ken'ichiro Yamashina[1]

[1] Earthq. Res. Inst., Univ. Tokyo

Considering the change in earthquake-generating stress, or rather differential strain caused by previous earthquakes, sequential occurrences of the recent major seismic activities are discussed in southwest Japan. Consequently, the 2001 Geiyo earthquake was likely to be affected by the preceding major event, i.e. the 2000 western Tottori Prefecture earthquake. The latter might be also affected by the 1997 northern Yamaguchi Prefecture earthquake. Such a discussion will be useful to obtain a hint to predict forthcoming earthquakes.