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Time:May 21 12:00-12:15

A stress concentration model for the 2007 Noto Hanto earthquake fault

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In order to clarify the process by which intraplate earthquakes are generated, we constructed a stress concentration model for the 2007 Noto Hanto earthquake fault. We introduced a vertical strike slip fault located immediately beneath the earthquake fault, and modeled that the slip on this vertical fault generated that on the earthquake fault

Keywords: intraplate earthquake, lower crust, stress accumulation process, Niigata-Kobe tectonic zone, Weak Zone