

The features of the 2007 Noto earthquake surmised by dynamic strain record

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An large earthquake with $M_j=6.9$ occurred at off the Noto peninsula on March 25th in 2007. The dynamic strain variations are observed by the borehole crustal activity monitoring network, which was established by Tono research institute of earthquake science(TRIES) in Tono area, Gifu. We applied the Streaming strain analysis method (Okubo, 2006) to these dynamic strain records.

Fault movement including the right-lateral strike slip component with approximately 20 seconds of rupture duration was obtained by routine analysis. We will advance a more in-depth analysis and report on the seismological knowledge obtained by dynamic strain observation.