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Room:Convention Hall

Time:May 26 14:15-16:15

Examination concerning source time function and permanent stress by using data observed by borehole stress meter

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Tono Research Institute of Earthquake Science (TRIES) developed borehole stress meter. The instrument installed in 500m depth borehole observed stress seismograms caused by Tohoku district off Pacific Ocean Earthquake (M9.0). We derived source time function and permanent principal stress by analyzing the wave form. We present examined results.

Keywords: source time function, borehole stress meter, applied permanent stress, stress seismograms, M9.0 earthquake