## Earthquake Fault Parameters of Sea Area Earthquakes and Intra-plate Earthquakes, Part2: Rise Time and Stress Drop

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Analytical studies of earthquake fault parameters of sea area earthquakes and intra-plate earthquakes in Japan were discussed in this paper. Analytical studies were performed using the regression analysis. Fault parameters were discussed seismic moment Mo, seismic magnitude M, rise time T and stress drop dP.

Relationships of fault parameters were analysed as follows, Mo-T, M-T, Mo-dP, and M-dp as the empilical formula. In Japan, the M of intra-plate earthquake is evaluated larger than sea area earthquake. Therefore, M of intra-plate earthquake was corrected to able analysis with sea area earthquakes in this paper.