

## The effect of fault motion of shallow fault part on the strong ground motion.

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It is well known the faulting motion of shallow part of the fault is quite important for the strong ground motion. Unfortunately, these are poorly resolved in waveform inversion studies.

Sometimes we found surface fault for shallow earthquakes. These data may constrain the physical parameters of the shallow fault part. In the present paper, we discuss the possibility of extrapolation of physical parameters of shallow fault part from waveform inversion or surface fault data.

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