

## Shallow seismic section in the Kazo lowland, Saitma Prefecture

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We have conducted shallow seismic reflection surveys in the central part of the Kanto Plain, Japan. The purposes of the surveys are to reveal the shallow structure up to 500m in depth, correlate reflectors with nearby boring data in detail and discuss the relationship between the subsurface geological structure and underground water flow. We will present the result of the seismic survey in Kazo lowland. The survey parameters are as follows. Seismic source: one middle vibrator, sweep frequency: 15-120Hz, source interval: 2.5m, receiver interval: 10m, number of recording channels: 144ch, maximum source-receiver offset: 960m-1440m,. Reflection events are observed 1s in two way time in the shot records. Data processing is now on the way. The seismic section will show whether the Kuki fault exists or not which was inferred from the topography of the lowland.