

## Crustal structure east off Ibaraki prefecture(Seismic Reflection Profiling around Kanto-district(4))

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Multichannel seismic reflection survey was conducted from north off Boso peninsula to east off Ibaraki prefecture, on July 1996, in order to research deep plate structure. We presented the outline of this research, and this time we studied the profile and identified geological structure using the profiles of JNOC and NIED. We identified the layers temporarily, using the result of velocity analysis, then we concluded that sedimentary basin is Tertiary layer, Cretaceous layer exists north of NAKAMINATO, and the acoustic basement is older layer. Moreover, we pursuit reflection events on profiles of JNOC, and studied the regional crustal structure east off Ibaraki prefecture.