

## Electrical conductivity structure beneath the northeastern part of China - Result from Jilin province (II)

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We have conducted the Network-MT observation in the northeastern part of China to reveal an electrical conductivity structure. The EM response functions were calculated by using robust method. The phase response data, which is one of the EM response functions, increases from 60 degree to 75 degree in the period band of 10000 - 100000 seconds as period increases. The obtained EM responses were inverted into 1-D conductivity structure. The 1-D structure suggests that the gaps of conductance are embedded at 6, 100, 400 and 800 km depths, some of which correspond to the mantle transition zone.