Magnetotelluric data progressing with U-43 data beneath the Boso Peninsula

*Hao Chen[1], Naoki Koizumi[1], Chie Yoshino[1], Katsumi Hattori[1], Peng Han[2]

1. chiba university, 2. Institute of Statistical Mathematics

In Boso Peninsula, we have several stations to study seismo-electromagnetics. Among of them we had very interesting phenomena to show the fluid flows under the ground related to slow slip event. In addition, we have observed geomagnetic anomalies before sizeable earthquakes. In order to understand generation and propagation mechanisms of earthquake-related ULF electromagnetic signatures, we need the computer simulation on electromagnetic waves using FDTD or FEM. Due to this aim, we carried out the MT survey in BOSO area, Japan during 2014-2016.

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