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## Wideband magnetotelluric survey over Iwaki region

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Magnetotelluric measurements were carried out around Iwaki area where high seisimicity with normal fault mechanism has been observed after the 2011 Magnitude 9.0 Tohoku-Oki Earthquake. We mamde 24 magnetotelluric measurements over the area in order to reveal the three-dimensional distribution of fluids which may be responsible for the high seisimicity. In this presentation, we will show the preliminary results of the survey.

Keywords: Iwaki, seismicity, resistivity, fluid, fault