

On the Network-MT survey in the vicinity of the 1891 Noubi Earthquake seismic fault

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Network-MT survey has started since Jun, 2011 in the western part of Chubu district, where one of the largest inland earthquakes in Japan, the 1891 Noubi Earthquake, took place. We aim at investigating static shift free fine structure in the vicinity of the fault, and at obtaining wide and deep resistivity structure beneath whole Chubu district to investigate dehydration process on the subducting Philippine Sea Plate and generation mechanism of the Niigata-Kobe Tectonic Zone.

In this presentation, we introduce the on-going Network-MT survey and results from its data processing and preliminary 3-D structural analysis.

Keywords: noubi earthquake seismic fault, resistivity structure, network-MT