

## Preliminary Results of Wideband-MT Surveys in the NKTZ Concentrated Deformation Zone, Chubu Region, Japan

# Ryohei Yoshimura[1]; Oshiman Naoto Research Group for Crustal Resistivity Structure in the NKTZ Concentrated Deformation Zone[2]

[1] DPRI, Kyoto Univ.; [2] -

In October 2004, wideband magnetotelluric (MT) soundings were carried out across the Atotsugawa fault located along the concentrated deformation zone, Chubu region, Japan (NKTZ: Niigata-Kobe Tectonic Zone). Research Group for Crustal Resistivity Structure obtained the electric and magnetic fields data at 30 sites along the survey line with 100 km using MTU and MTU2E systems (Phoenix). We will present the preliminary results derived using the 2D inversion code of Ogawa and Uchida [1996], based on TM mode apparent resistivity and phase.