

## Observation of volcanic deposits using VLF-MT method -- An example at Haruna Volcano --

# Osamu Oshima[1]

[1] Dept. Earth Sci. & Astro., Univ. Tokyo

A variety of volcanic deposits at Haruna Volcano has been observed by VLF-MT method. Electrical resistivity is well correlated with each of the major deposits which are exposed on and near the surface of the volcano.

A variety of volcanic deposits at Haruna Volcano, a dissected large stratovolcano with an outstanding small caldera on the summit, lava domes in the eastern half and many pyroclastic flow, debris avalanche, debris flow deposits on the lower slopes has been observed by VLF-MT method. Resistivity is well correlated with each of the major deposits which are exposed on and near the surface of the volcano.