Eh-P010

Room: Lounge

Resistivity Structure of Shallower Part of the New Lava Dome of Unzen Volcano

Toru Mogi[1], Yoshikazu Tanaka[2], Takeshi Hashimoto[3], Djedi S. Widarto[4], Takuya Takeuchi[5]

[1] ISV, Hokkaido Univ., [2] Aso Volcanological Laboratory Kyoto Univ., [3] Inst. Geothem. Sci., Kyoto Univ., [4] RDCG,LIPI, [5] Earth and Planetary Sci,Kyushu Univ

We carried out air-borne electromagnetic survey and electrical resistivity survey at the lava dome in Unzen Volcano. The air-borne electromagnetic survey revealed that the resitivity of the dome is more than several thousands ohm-m, and relatively low resitivity structure are appeared at the foot of the dome.