

## Aeromagnetic survey over Mt Iwate volcano

# Satoshi Fujiwara[1], Teruaki Nishiki[2], Hiroki Shirai[2]

[1] GSI,Mizusawa, [2] GSI

The Geographical Survey Institute conducted aeromagnetic survey over Mt Iwate volcano in the summer of 1999. Because Mt Iwate has been active since 1998, we would like to investigate its structure and thermal distribution associated with the magma activity. Results of different altitude observations show shallow part of the eastern Mt Iwate has strong magnetization but shallow part of the surface of the western part has negative magnetization.

The Geographical Survey Institute conducted aeromagnetic survey over Mt Iwate volcano in the summer of 1999. Because Mt Iwate has been active since 1998, we would like to investigate its structure and thermal distribution associated with the magma activity. Results of different altitude observations show shallow part of the eastern Mt Iwate has strong magnetization but shallow part of the surface of the western part has negative magnetization.