

## Observation of gravity variations in Bandung, Indonesia by employing a superconducting gravimeter

# Shuzo Takemoto [1], Yoichi Fukuda [2], Toshihiro Higashi [3], Tadahiro Sato [4]

[1] Earth and Planetary Sci., Kyoto Univ, [2] Geophysics, Kyoto Univ., [3] Dep. of Geophys., Kyoto Univ., [4] NAO

<http://mc-net.jtbcom.co.jp/earth99/>

In order to contribute mitigation of volcanic hazards in Indonesia and to improve the Global Geodynamic Project (GGP) focused on the Earth's deep interior, the Volcanological Survey of Indonesia (VSI) and the Graduate School of Science (GSS), Kyoto University agreed to conduct a cooperative research program on precise gravity observation in Bandung using a Superconducting Gravimeter (SG). The observation was smoothly started in December, 1997, but interrupted by the unexpected falling of a thunderbolt in April 1998. We repaired the system and observation was restarted in December, 1998.

It was revealed that the noise level in Bandung is relatively smaller than that in Kyoto.