

# The simple measurement of the geomagnetic inclination on Daisen volcano

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Daisen volcano, a vast Quaternary composite volcano is situated in western Tottori prefecture, southwest Japan. I carried out measurement of the geomagnetic inclination on the volcano, to be exact, Misen lava dome. It is suggested that small-scale caldera submerges under the lava dome (Tsukui, 1984), and total intensity data of geomagnetic field also implied the existence of it (Miyakoshi et al., 1984). Simple dip circle was used for measurement of the inclination. It is very handy and light, and in need of no electric supply. I tried whether the resultant geomagnetic anomaly of caldera can be found out with equipments and hands minimized.