An estimate of depth distribution of density discontinuity by block inversion of gravity data

Mariko Fukunaga [1], Hitoshi Oda [1], Ryuichi Shichi [2]

[1] Dept. of Earth Sci., Okayama Univ., [2] EPS, Nagoya Univ.

We developed a method to determine depth distribution of density discontinuity of a curved surface by means of block inversion of gravity anomaly data. The inversion method was applied to estimate depth distribution of the Moho discontinuity of the Chugoku and Shikoku districts.