

Crustal structure in the vicinity of Byobuzan fault

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Tono Research Institute of Earthquake Science makes subterranean structure in and around Byobuzan fault for the one of investigation subjects at present. At the beginning, we started a survey and analysis of gravity anomaly since last year. The characteristics of the gravity anomaly are as follows;

- (1) Regional gravity trend caused by Philippine Sea Plate is dominate.
- (2) Uneven patterns, reflect the complexity of basement depth, is eminent.
- (3) Judging from the pattern of gravity anomaly, Byobuzan fault can be divided into two regions.

We will argue the crustal structure with boring data from (1 ~ 3) of view. And, I would like to contemplate the result of Vibroseis survey planed from February to March in this year, too.