

## Determination of Subsurface Structure of the Mt. Daisen area in Tottori Prefecture by Microtremor and Gravity Survey

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Earthquake damages occurred by the earthquake that occurred at the Middle West of Tottori in 1983 , 2002 and the 2000 Western Tottori earthquake in Mt.Daisen area of Tottori Prefecture. It is supposed that the damage influenced the subsurface structure. It is important that the information of subsurface structures is obtained for prediction of ground motion in the area. Microtremor and gravity surveys were carried out in the plains of the shore part and Mt.Daisen area. S-wave velocity models are obtained at the array observation 3 sites and predominant period distribution at 3-components observation newly. The gravity anomalies were obtained by gravity survey data newly.