

Estimation of bedrock structure using the aftershock of the 2000 Tottori-ken seibu Earthquake in Yumigahama peninsula

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The aftershock observation of the 2000 Tottori-ken seibu Earthquake was carried out in Yumigahama penisula. We discuss the peak period of spectral ratio for horizontal-to-vertical component (H/V) and travel time of primary wave. We will compare the ground structures estimatd from H/V and travel time analysis using the technique of ray tracing. Since these estimated structures are mutually agreeable, we will present the preliminary structure model for this area.