

## Bedrock structure in Adapazari, Turkey, inferred from Bouguer anomalies and microseisms

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We have carried out the observation of gravity anomalies and microseisms in Adapazari, Turkey, where severe damage was brought by the 1999 Kocaeli Earthquake. Spatial distribution of Bouguer anomalies and peak period of horizontal-to-vertical spectral ratio (H/V) is studied to reveal the depth to bedrock. Furthermore, phase velocities and velocity structure are estimated using 2sSPAC method.