

## Vertical crustal movements during the past 125,000 years in East Kyushu

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Vertical crustal movements during the past 125000 years in the East Kyushu were investigated deduced from heights of ancient shorelines with geologic methods. As a result, averaged values of the displacement velocity in the two intervals, from 125000 to 6300 years before present and from 6300 years before present to the present, at each location in the area from Miyazaki to Nichinan are almost equal. The whole movement in this area is an active folding, which has an anticlinal axis at Miyazaki City and has two synclinal axes at Saeki and Nichinan Cities. Data of the benchmarks are out of keeping with the above long-term movements in the tendency. The peak of uplifted movements around Miyazaki City give good agreement with the negative peak of the big gravity anomaly in the West Kyushu.