

Relationship between the Fukaya fault and adjacent active faults by seismic sections

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The Fukaya active fault is expressed as dip change of reflectors in the seismic section crossing the flexure scarp. The subsurface fault extends more than 10km southeastward, because the similar dip changes of reflectors are seen in another four seismic sections in the fault prolongation direction. On the basis of continuity of dip change and deep reflector, the dip of the Fukaya fault is high in the shallow part and low in the deep part. In this case, the Fukaya fault is interpreted as master fault and the Kushibiki active fault and the Konan active fault as secondary faults.