Interpretation of 3D structure of the Splay Fault at the Nanaki Accretionary Wedge

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We interpreted 3D geometry of the Splay fault, which may cause seafloor earthquakes and submarine landslides, by using three-dimensional seismic data in Nankai trough and evaluated the validity of the interpretation by comparing with synthetic seismograms derived from logging and core data.

Keywords: Nankai Trough, Accretionary Wedge, Spaly Fault, Interpretation of 3D strucutre, Logging data