

Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

©2011. Japan Geoscience Union. All Rights Reserved.



SSS035-P12

Room:Convention Hall

Time:May 25 14:00-16:30

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

Reona Masui^{1*}, Yasuhiro Yamada¹, Takeshi Tsuji¹

¹Environmental Resources System lab

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, Splay Fault, Interpretation of 3D structure, Logging data