

Fault systems off Shikoku Nankai Trough accretionary prism deduced from JAMSTEC and JNOC MCS data

Satoshi Hirano[1], Yukari Kido[2], Jin-Oh Park[3], Toshihiko Higashikata[4], Kohichi Uhira[5], Yoshiyuki Kaneda[6]

[1] Front. Res. Prog. Subduct. Dynam., JAMSTEC, [2] Frontier Res. Prog. Subduction Dynamics, JAMSTEC, [3] JAMSTEC, FRPSD, [4] JAMSTEC Frontier, [5] JAMSTEC, [6] JAMSTEC, Frontier

We reconstructed fault system distribution off Shikoku Nankai Trough accretionary prism by using JAMSTEC and JNOC MCS data. Four fault systems, decollement zone, reverse faults, strike-slip faults, and normal faults, are developed in this area.