Experimental study on influence of horst on thrust belt geometry

Yusuke Oshima[1]; Yasuhiro Yamada[2]; Toshifumi Matsuoka[3]

[1] Global Eng., kyoto Univ.; [2] Civ. Earth Res. Eng., Kyoto Univ.; [3] Kyoto Univ

Deep horst of thrust belt can cause a structure trapping oil. In order to estimate horst, we studied infuluence of horst on thrust belt by analog model experiment. We also made active faults visible by PIV analisys for the result of experiment.