Development of slope failures at the frontal thrust of an accretionary prism

Yasuhiro Yamada[1]; Yuzuru Yamamoto[2]; Yoshihiko Yamashita[3]

[1] Civ. Earth Res. Eng., Kyoto Univ.; [2] Kyoto University; [3] Engineering Geology, kyoto Univ

http://earth.kumst.kyoto-u.ac.jp/yamada/index.html

Our analogue models suggest that slope failures can be classified into two and may be caused by steepening of the ocean floor by underlying fault activity. This presentation explains a possible mechanism of such failures.