

対馬堆積盆南東部における中新統陸棚—斜面堆積システムの震探地形学的特徴 Seismic geomorphology of Miocene shelf-to-slope depositional system in the southeastern part of the Tsushima Basin

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We report three-dimensional (3-D) seismic geomorphologic features of a shelf-to-slope depositional system in the southeastern part of the Tsushima Basin, offshore Southwest Japan, by using the 3-D seismic survey dataset of Shimane-Yamaguchi-oki. The studied Miocene succession presents seismic facies characterized by incised valleys/channels and subsequent multiple stacked slope channels from shelf to slope, with well-developed clinoform reflections. Such seismic aspects strongly suggest the development of a prograding delta system during Miocene time similar to offshore South Korea.

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