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The Hinlopen/Yermak Megslide – seafloor expression of a giant multi-stage submarine slide

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The Hinlopen/Yermak Megslide represents a giant and unique slope failure event in a variety of aspects. Occurring 30.000 years ago, it affected more than 10.000 km² and involved app. 2.400 km³ of sedimentary material. Here, we present detailed high-resolution SWATH bathymetry, multi-channel seismic and shallow acoustic data that unravel details from its multi-stage dynamic slide process. We examine its sedimentological characteristic and associated morphological expression in sea-floor topography.