Youkou Dong · Dong Wang · Lan Cui

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Correction to: Assessment of depth-averaged method in analysing runout of submarine landslide

Correction to: Landslides

https://doi.org/10.1007/s10346-019-01297-2

The published version of this article, unfortunately, contained error. Figure 3 of "GPU-hosted workstation for parallel computing" was lost. Then the sequences of the Figures 4-10 were wrong. Given in this article are the correct figures.

The original article has been corrected.

The online version of the original article can be found at https://doi.org/10.1007/s10346-019-01297-2

Y. Dong (✉)
College of Marine Science and Technology,
China University of Geosciences,
388 Lumo Road, Wuhan, 430074, China

Y. Dong
Shenzhen Research Institute,
China University of Geosciences,
Shenzhen, 518057, China

D. Wang
Shandong Provincial Key Laboratory of Marine Environment and Geological Engineering,
Ocean University of China,
238 Songling Street, Qingdao, 266100, China
e-mail: dongwang@ouc.edu.cn

L. Cui
State Key Laboratory of Geomechanics and Geotechnical Engineering, Institute of Rock and Soil Mechanics,
Chinese Academy of Sciences,
Wuhan, 430071, China
e-mail: lcui@whrsm.ac.cn

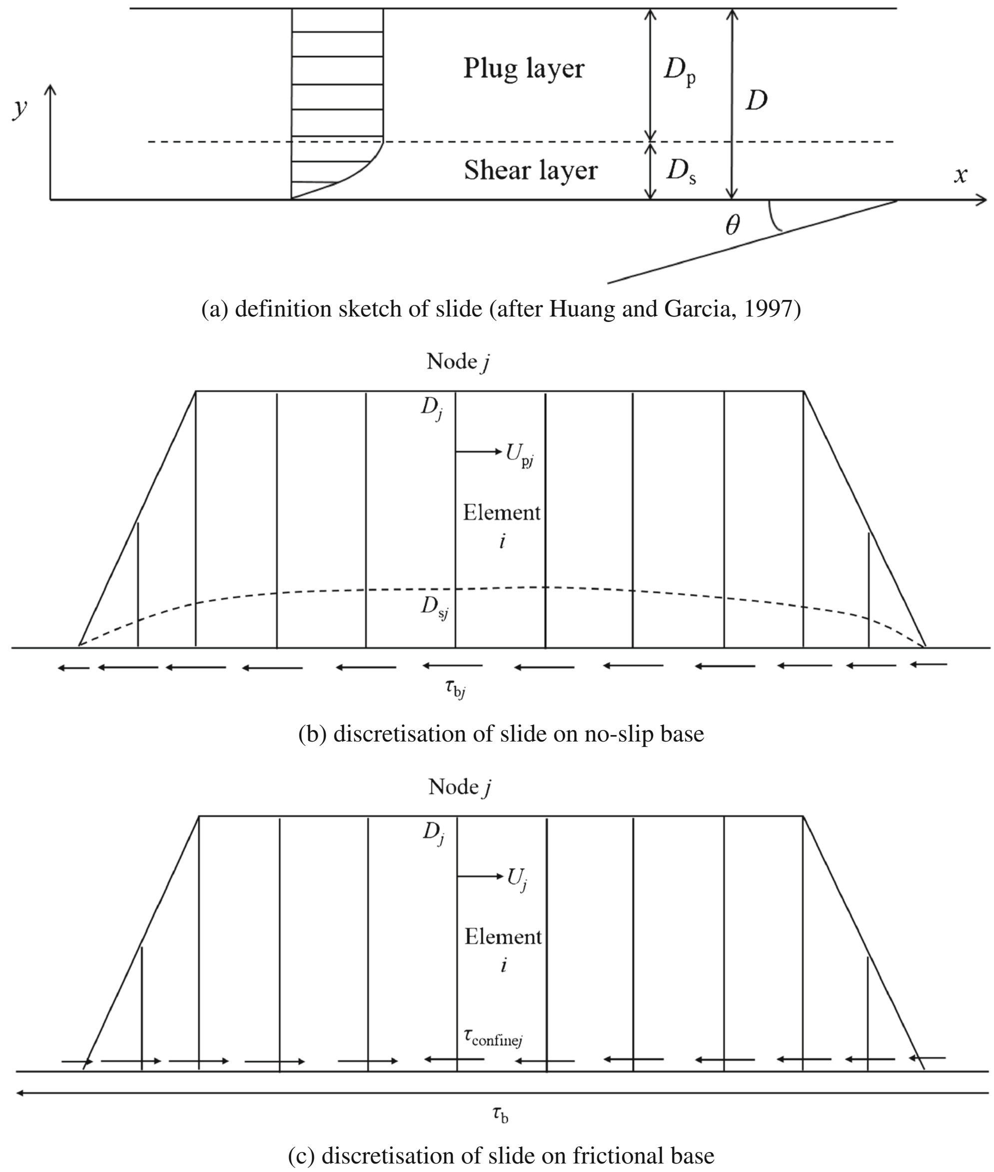


Fig. 1 Simulation of submarine landslide with DAM

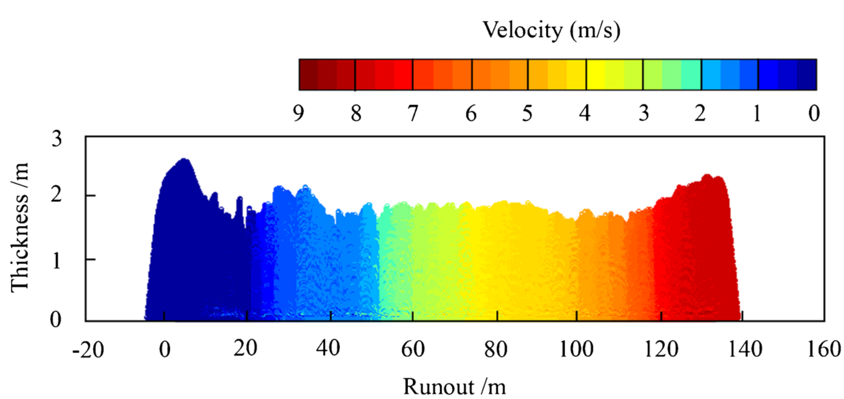


Fig. 2 Velocity contours predicted by MPM for a slide on frictional base ($s_{uo} = 2.5$ kPa, $s_b = 1$ kPa; Dong et al. 2017a)

Fig. 3 GPU-hosted workstation for parallel computing

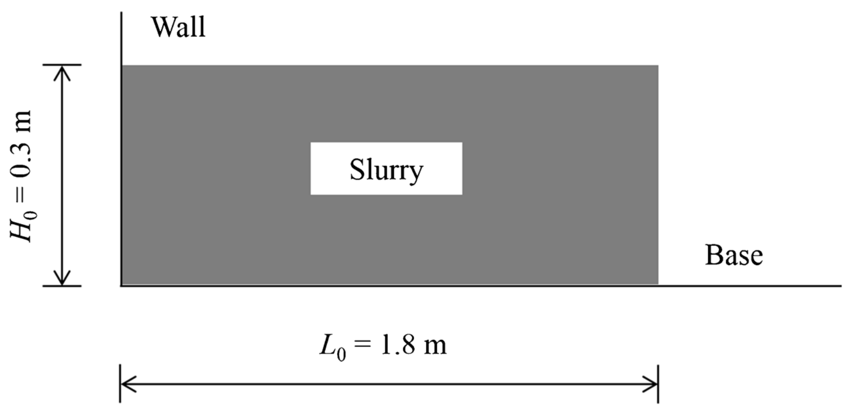


Fig. 4 Idealized geometry of dam break (not to scale)

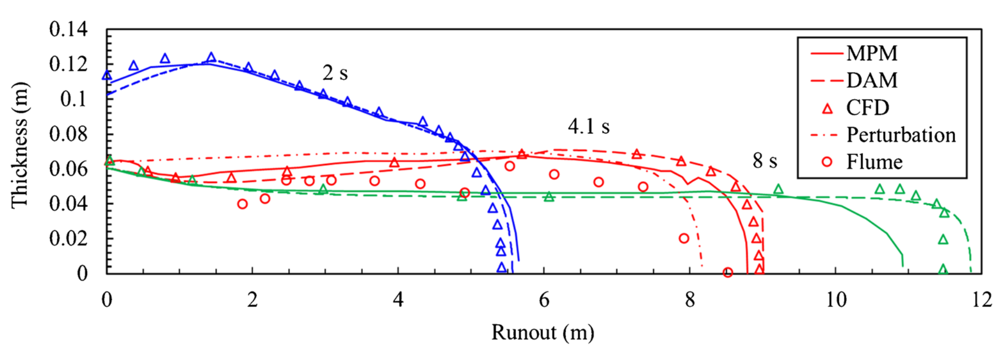


Fig. 5 Runout profiles of slurry flow

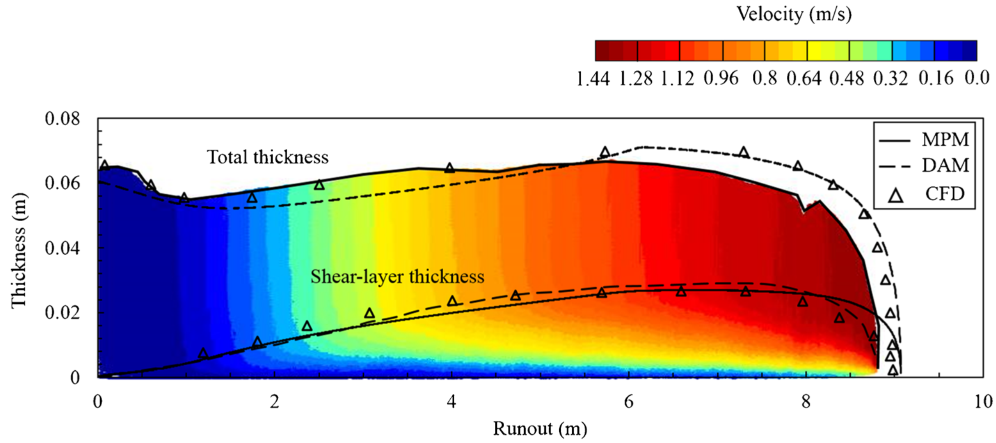


Fig. 6 Shear-layer thicknesses at 4.1 s

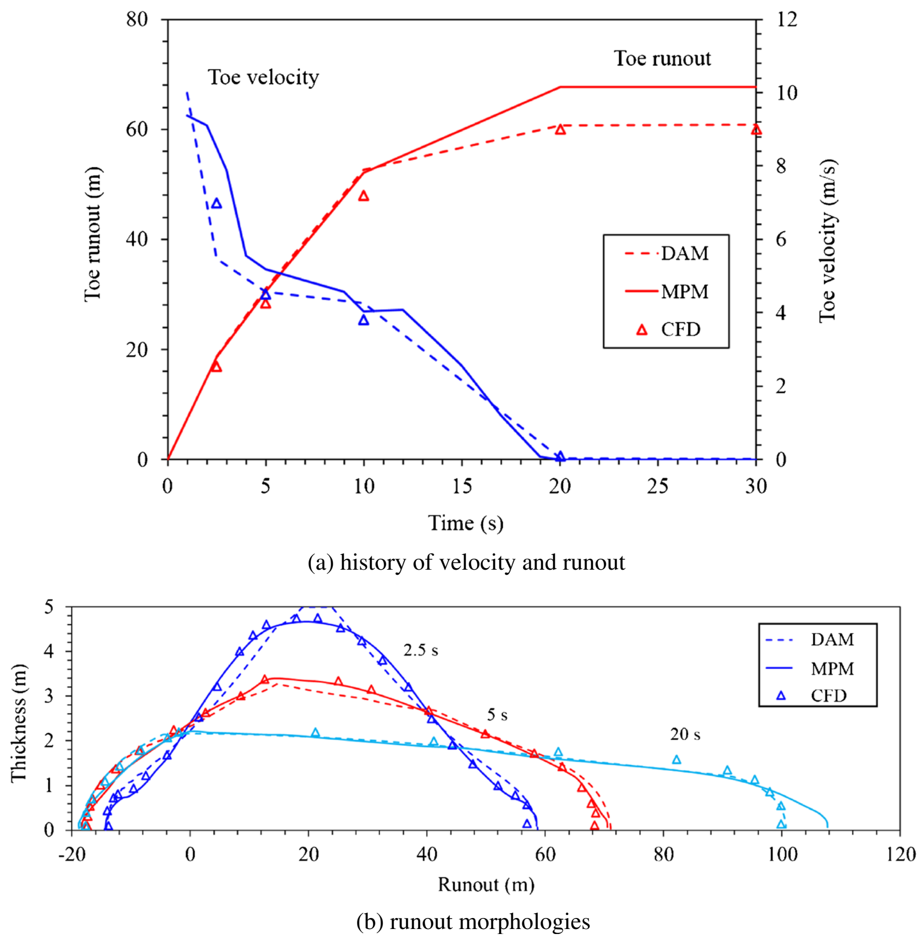
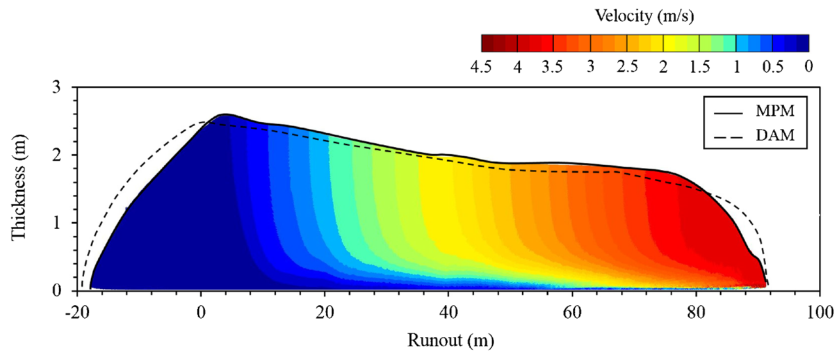
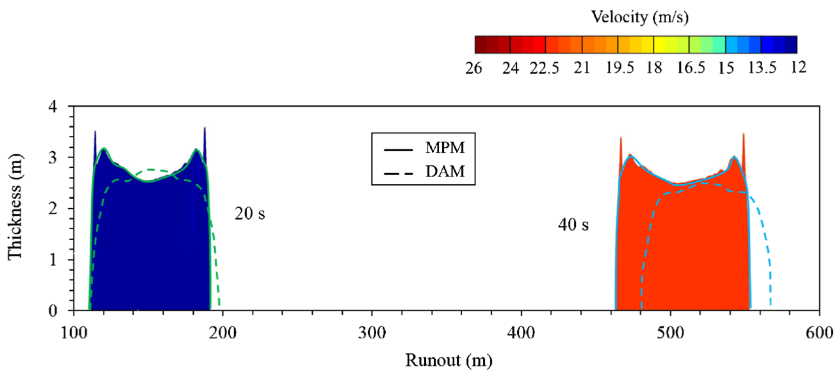


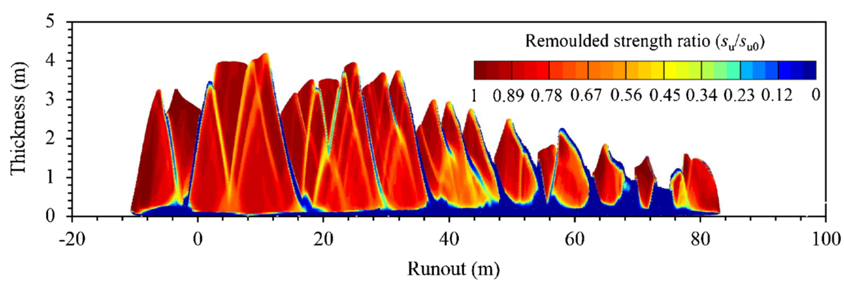
Fig. 7 History of mobility and morphologies of viscous slides in Case 2



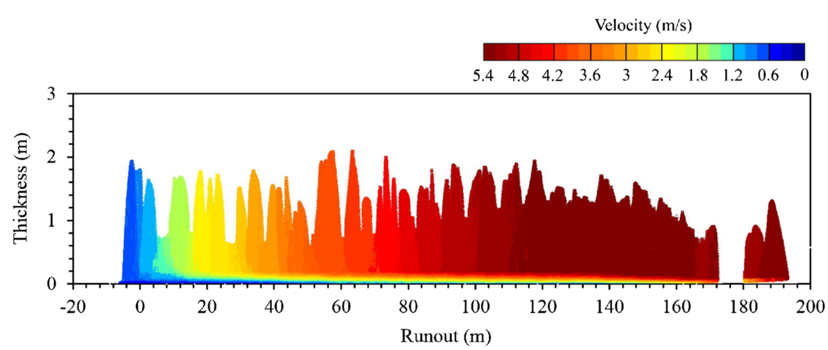
(a) viscous elongation (Case 2 at 10 s)



(b) block sliding (Case 9)



(c) spreading of horsts and grabens (Case 11 at 10 s)



(d) breakaway (Case 11 at 30 s)

Fig. 8 Sliding mechanisms of submarine landslide

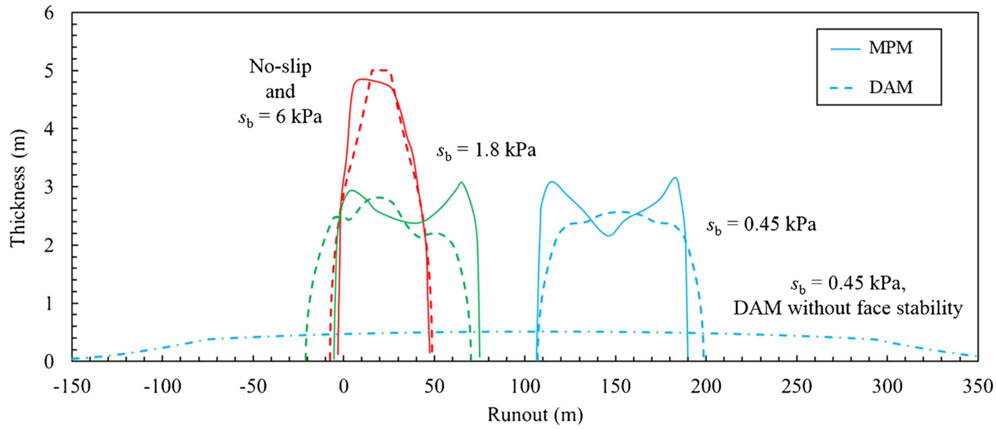
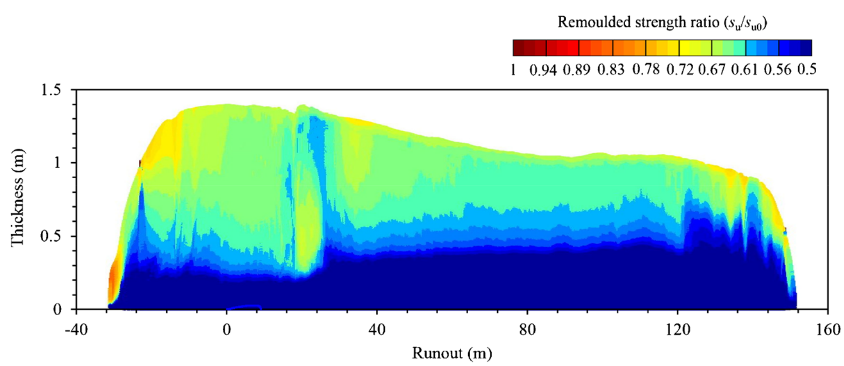
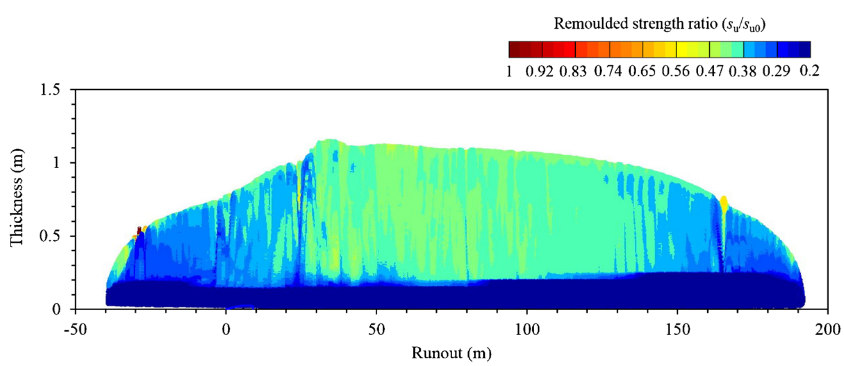


Fig. 9 Morphologies for slides on frictional bases in Case 9



(a) viscous elongation in Case 10 at 20 s



(b) shear band along base in Case 12 at 20 s

Fig. 10 Remoulded strength ratio in slides

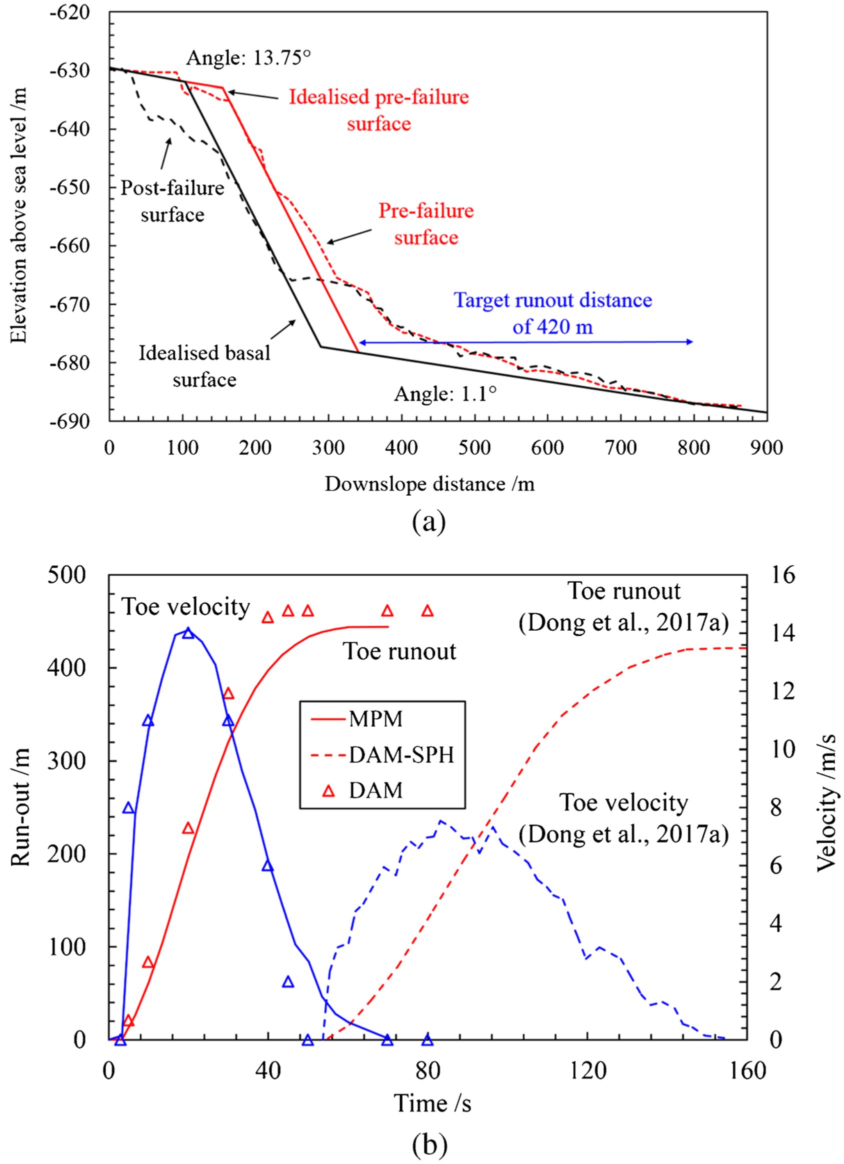


Fig. 11 Back-analysis of a southern Mediterranean slide (**a**) Idealization of slide transect (**b**) History of toe velocity and runout

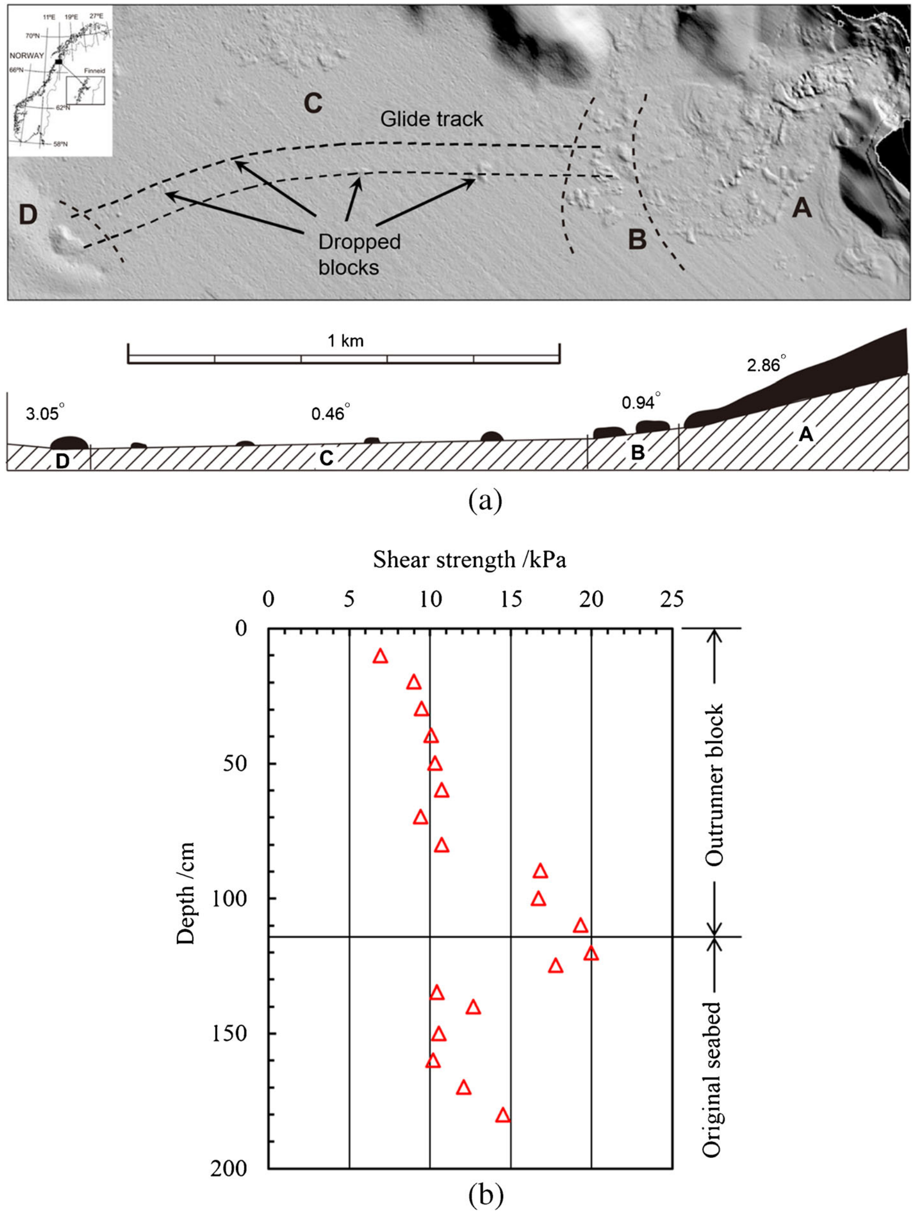


Fig. 12 Morphology and mechanical characteristics of Finneidfjord slide (after Ilstad et al. 2004) (**a**) Finneidfjord slide with morphology divided into four zones (**b**) Undrained shear strength of outrunner block and original seabed

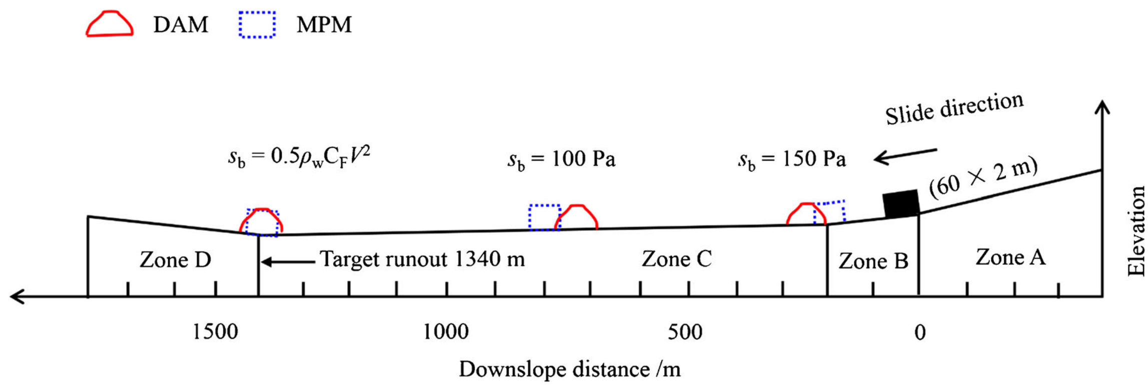


Fig. 13 Runout distances of block sliding with different basal resistances (exaggerated along vertical axis)

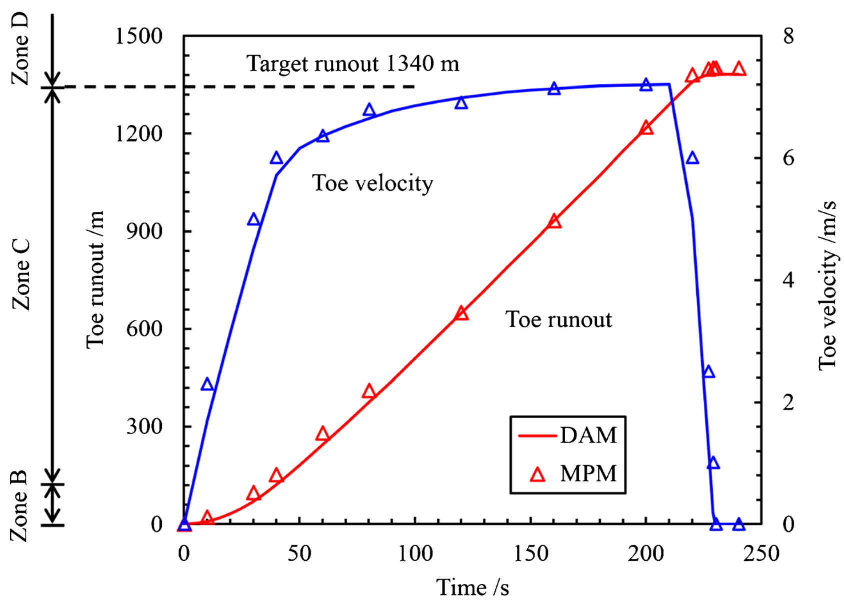


Fig. 14 History of toe velocity and runout by considering hydroplaning