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Interactive comment on "EDDA 2.0: integrated simulation of debris flow initiation and dynamics, considering two initiation mechanisms" *by* Ping Shen et al.

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This paper proposed a new model that successfully simulates the whole process of debris flow, without artificial intervention on setting initiating features.

This noval proposal is very important because the identification of potential debris-flow hazard zones is important for debris-flow risk assessment. An ideal approach to achieve this is simulating the debris flow using physical model. Nevertheless, this type of methods often assumes debris-flow initiating locations, volumes and velocities, which leads to large uncertainties and can not represent the real debris flow.

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Discussion paper

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