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# *Interactive comment on* "Effects of coupled hydro-mechanical model considering two-phase fluid flow on potential for shallow landslides: a case study in Halmidang Mountain, Yongin, South Korea" *by* Sinhang Kang and Byungmin Kim

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We thank the referee for the insightful comments which truly helped enrich the manuscript. In the revised manuscript, we have clarified contributions of the manuscript. We have also applied the changed coupled hydro-mechanical model considering deformation-dependent water retention behavior with hydraulic hysteresis. For the comments raised by the reviewers, we have provided the point by point responses in the attachment.



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Discussion paper

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Please also note the supplement to this comment:
https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2019-271/nhess-2019-271-AC1-supplement.pdf

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