

Interactive comment on “Simulating the role of gravel on the dynamics of permafrost on the Qinghai-Tibetan Plateau” by S. Yi et al.

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Received and published: 9 December 2013

In this revision, we made significant changes to improve the quality of our manuscript including: 1) we added the comparisons of simulated soil temperatures and moistures with measurements at different depths, in addition to active layer depths and permafrost bases; 2) we elaborated the description on the reason why the current form of new set of schemes with gravel should be used in Section 2.2; and 3) we carefully drew our conclusions from the results; and put the issue of thermal conductivity in the discussion part.

Interactive comment on The Cryosphere Discuss., 7, 4703, 2013.

C2625