

Interactive comment on “An effective depression filling algorithm for DEM-based 2-dimensional surface flow modelling” by D. Zhu et al.

Anonymous Referee #1

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I agree. From Figure 1a of the reply (Figure 5a of the paper) one can now note that there are still internal sinks. One cell at elevation 386 and one cell at elevation 396. These cells should be further rised. Alternatively, it should be specified that drainage is possible among cells having the same elevation, by using a thershold "phantom" slope in the flow equations. In any case, an arrow needs to be drawn from each of these cells to show that there are no internal sinks in Figure 1a of the reply (Figure 5a of the paper).

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 10011, 2012.

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Interactive Discussion

Discussion Paper

