

Interactive comment on “Sediment management modelling in Blue Nile Basin using SWAT model” by G. D. Betrie et al.

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The paper has limitation in watershed delineation. If the runoff is simulated at El Diem, Sub basin no. 1 should not be included in the simulation as it drains directly to Sudan rather than through the main Blue Nile outlet or El Diem. The effect is clearly shown in the hydrographs as flow is over estimated in most of the cases.

The area of the basin is reported to be 184560 sq.km, which is larger than the accepted range of 150,000 – 170,000 sq.km. Detail can be obtained by referring published articles on the same.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 5497, 2010.

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