

Interactive comment on “Assessment of the effectiveness of Payment for Ecosystem Services (PES) in the delivery of desired Ecosystem Services in Sasumua catchment, Kenya” by Charles Nduhiu et al.

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Received and published: 23 December 2016

Overall quality of the discussion paper The paper attempts to highlight a tool to be used in measuring the effectiveness of Payment for Ecosystem Services. The approach used has so many scientific gaps that eventually make the paper to be below average. Specific comments: 1) The use and importance of SWAT, a semi-distributed model, is diminished by a lot of generalizations and averaging. 2) Using one rainfall station that is largely outside the study area is erroneous; areal rainfall is suggested 3) The use of short duration data cannot be used to make the conclusions made in this

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paper 4) Some of the recommendations made should have actually made this paper better. Additional specific comments have been made in the pdf manuscript attached.

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/hess-2016-541/hess-2016-541-RC2-supplement.pdf>

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-541, 2016.

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