

Interactive comment on “Minimum forest cover for sustainable water flow regulation in a watershed under rapid expansion of oil palm and rubber plantations” by Suria Tarigan et al.

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Received and published: 18 July 2017

Good understanding on the proportion of forest cover and the proportion of plantation cover are highly needed for maintaining a sustainable ecosystem service of water flow regulation in a watershed. The article has provide the valuable info by simulating some data in to a model, the SWAT hydrological model. However, several consideration should be taken into account, especially for spatial planners, before applying the proportions (the results) into the real field condition as validation of the model has never been performed (no explanation in the abstract). Furthermore, simplification or limitation consisted in the model has to be explained in the first place, so by doing that

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people can measure properly the model results and can be used as a guide in the field.

Best regards, Fuad Nurdiansyah

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2017-116>, 2017.

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