

Interactive comment on “Afforestation by natural regeneration or by tree planting: examples of opposite hydrological impacts evidenced by long-term field monitoring in the humid tropics” by G. Lacombe et al.

Anonymous Referee #2

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Reviewer comments on “Afforestation by natural regeneration or by tree planting: examples of opposite hydrologic impacts evidenced by long-term field monitoring in the humid tropics”

General comments In this paper the authors present an interesting study on how the manner in which forests are generated effects hydrology. They find that stream flows are impacted in different ways with different afforestation approaches. I found the paper to be very well written, easy to understand and the analysis sufficiently rigorous. I would recommend publication with modest review.

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Specific comments First off, I think the title could be more concise. Abstract line 6. Instead of “controlling”, use “which controls”. I found the awkward. Intro line 21. I would use “strem flows” “flows is vague. Intro line 23. Wilcox and Huang should be 2010. Intro page 3, line 9. Calibration comes in here but is not described, I wasn’t sure what you were talking about. Study sites, page 4 line 13. What do you mean by low input? Study sites, last paragraph. It seems that there should be more references, or is the history word of mouth? Figures seem to be called out of order Starting on page 4. Page 5, Section 2.3, line 7. List model reservoirs. Page 6, Section 2.3, line 23. “resp” is only used here, be consistent. Figure 1 needs scale bars for catchments

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 12, 12615, 2015.