Hydrol. Earth Syst. Sci. Discuss., 10, C5699–C5700, 2013
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Hydrology and Earth System Sciences
Discussions

Interactive comment on "Hurricane impacts on a pair of coastal forested watersheds: implications of selective hurricane damage to forest structure and streamflow dynamics" *by* A. D. Jayakaran et al.

Anonymous Referee #1

Received and published: 9 December 2013

Overall this paper is very interesting and will be a valuable contribution to the state of knowledge. I have a few technical corrections and one small revision that I think will improve the paper.

1) The number in line 418 appears to contradict what is in Table 1, which says the difference is 17.1 +/- 3.4. If both numbers are correct I think you need to be clearer about what each number is so readers know why they are different.

2) Section 4.3 should explicitly state that although there are some difference in magni-

tude the differences are not significant. Alternatively, it appears that a few of the differences may be significant and it might be worthwhile pointing that out it true. Whatever the case, my concern is that you discuss significance elsewhere with some of the other results so making sure there is no confusion regarding Figs 7 & 8 would be helpful.

3) Figs 4 & 5 are confusing. In the caption on Fig 4 you say what constitutes a structural break but none of the vertical lines in either figure appear to fit the criterion. This is especially the case for the third vertical line in Fig 4 and both of them in Fig 5. This really needs either correction or a clearer description of what you are looking to say there is a structural break.

4) The first paragraph of section 5 (discussion) is negative, pointing out real or potential weaknesses in your work. Why start it out with the negative? Lead with more positive discussion and include this aspect later on. Just a suggestion.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 11519, 2013.