

Editor Comment:

Editor Decision: Publish subject to technical corrections (01 Oct 2018) by Nadav Peleg

Comments to the Author:

Dear Ane Zabaleta and co-authors,

I read the revised manuscript and your rebuttal letter and I am pleased to inform you that your manuscript has now been accepted for publication in HESS, subject to technical corrections (please see below).

EC 1: General: All the material that is now under 'Appendix' should appear as 'Supplementary Material' (i.e. should be separate from the main text and uploaded a separate file).

AC 1: The requested change was made and now there are not Appendices but there is a Supplementary material.

EC 2: P3, Line 20: remove the comma after slopes

AC 2: comma was removed

EC 3: P6, Line 12: catchment should be catchments

AC 3: catchment was corrected to catchments

EC 4: P10, Line 6: remove 'that'

AC 4: that was removed

EC 5: P11, Line 5: "Land cover effects on hydrological services - implications"

AC 5: the requested change was made

EC 6: P11, Line 36: add "of" river discharge...

AC 6: of was added

EC 7: P11, Line 37: add "to" achieve a solid...

AC 7: to was added

EC 8: P11, Line 37/38: remove one of the "and" in the sentence

AC 8: the first and was removed

EC 9: P11, Line 18: use "policies" instead of "politics"

AC 9: politics was changed by poticies

EC 10: P11, Line 19: Please revise the sentence and consider removing "is necessary"

AC 10: the sentence was modified as follows: "As Ellison et al. (2017) stated, the impact of land management policies on hydrological services is not usually considered. However, it is crucial to take into account local findings on the relationship between land cover and water-related ecosystem services in order to design an adequate integrated catchment management."

EC 11: In the footnote: Please add "respectively" when applicable. E.g. "...Y10m, A10m, W10m, Sp10m and Su10m: 10th percentile for annual, autumn, winter, spring and summer discharge series, respectively;

AC 11: respectively was added where necessary

EC 12: P9, Line 13: "Consequently, the land cover combination that gives the highest or lowest median discharge values changes with annual and seasonal precipitation amounts ". Which land cover? In the previous sentence you referred to two combinations Nat and NAT+PAST? Which one is the land cover the sentence refers to?

AC 12: the sentence was modified to improve comprehension: "Consequently, to establish the optimal land cover combination for median discharge it should be taken into account annual and seasonal precipitation amounts."