

List of Responses and Main Paper Changes

Dear Editor,

Thank you very much for your constructive comments on our manuscript entitled “Assessing blue-green water utilization in wheat production of China from the perspectives of water footprint and total water use” (Ms. No. hess-2013-548). We have made a minor revision of the manuscript taking into account all the comments and responded to the issues raised. We hope that the revisions in the manuscript and our accompanying responses will be sufficient to make our manuscript suitable for publication in HESS.

Best wishes and yours sincerely,

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Responses to comments:

1) The response to comment #4 is not clear enough to me. Please clarify it.

Response: We revised the statement and clarified this point further in section 3.1.2 (**L167 ~ 170**).

2) Why do you use m/kg for total water use per unit yield of crop in this paper? I noticed that you used m^3 / kg in your another paper published in water resources management. In my mind, the m/kg is non-indicative for the readers to understand water footprint issue. Please revise.

Response: We apologize for some clerical mistakes in the paper. The m/kg was revised to m^3/kg in the revised manuscript.

3) Some spelling of units are confusing in the table, like kg ha^{-1} , t ha^{-1} , please comply with hess's rule.

Response: Complying with hess's rule, the units of crop yield, WF/TWU and WFP/TWUP were revised to ton/ha , m^3/yr and m^3/kg , respectively.

4) The language should still be SIGNIFICANTLY improved for final publication.

Response: Many thanks for your advice. We have revised the whole manuscript carefully and tried to avoid any grammar or syntax error. In addition, we have asked several colleagues who are skilled authors of English language papers to check the English again. We hope that the language is suitable for final publication in HESS.