

Revision Notes

Dear Editor:

Thank you for your comments concerning our manuscript entitled "Evaporation, infiltration and storage of soil water in different vegetation zones in the Qilian Mountains: A stable isotope perspective" (Manuscript Number: Hess-2021-376). According to your comments, we have made careful revised the manuscript. The main corrections are as follows.

Responses to the editor's comments:

Thank you very much for submitting your replies to the excellent comments made by the reviewers, and for the revised version of the manuscript. As I stated before, this theme is very interesting and will enrich this special issue. In my opinion, this manuscript can be published after the authors carry out the following technical corrections:

Comment 1: Line 25: Use "...vegetation zone..." instead of "...vegetation zone' s...".

Response: We have used "...vegetation zone..." instead of "...vegetation zone' s...".

Comment 2: Line 86: Remove the word "flux".

Response: We removed "flux".

Comment 3: Line 96: Use "temperature" instead of "temperatures".

Response: We have used "temperature" instead of "temperatures".

Comment 4: Line 102: (Suggestion) Use "We hope this study..." instead of "It is hoped that this study...".

Response: We have used "We hope this study..." instead of "It is hoped that this study...".

Comment 5: Line 107: Please check "... typical vertical vegetation zones", as vertical vegetation is commonly used to address building green facades.

Response: In order to facilitate the reader's understanding, we have modified "...typical vertical vegetation zones" as "... mountain vegetation zones".

Comment 6: Line 217: (Suggestion) Fig. 2 caption could be more descriptive.

Response: We have revised the title of Fig. 2, the new title is "Climatic and hydrological conditions of Xiying River basin"

Comment 7: Line 322: Correct font type/size of Fig. 5 caption.

Response: This issue has been corrected.

Comment 8: Lines 512-513: Use "Soil water evaporation in spring and summer, and insufficient precipitation during the drought period, were the main...".

Response: We have used "Soil water evaporation in spring and summer, and insufficient precipitation during the drought period, were the main..." instead of "Soil water evaporation in spring and summer and insufficient precipitation during the drought period were the main ...".

Comment 9: Line 515: (Suggestion) Remove the word "results".

Response: We removed "results".

Comment 10: Lines 521-522: Please check this sentence: "The alpine meadow and coniferous forest zones were enriched in precipitation".

Response: In order to facilitate the reader's understanding, we have modified "The alpine meadow and coniferous forest zones were enriched in precipitation" as "The alpine meadow and coniferous forest zones have many precipitation events. ".

Comment 11: Line 536: (Suggestion) Use "...and can be valuable for latitude..." instead of "...and have reference significance for latitude...".

Response: We have used "...and can be valuable for latitude..." instead of "...and have reference significance for latitude...".

Comment 12: Line 537: Use "spatiotemporal" instead of "Spatio-temporal".

Response: We have used "spatiotemporal" instead of "Spatio-temporal".

Comment 13: Lines 538-539: (Suggestion) Use "These results are important for..." instead of "These results are of great value for...".

Response: We have used "These results are important for..." instead of "These results are of great value for...".

Comment 14: Lines 540-542: I find this sentence awkward. I would suggest eliminating it, or to simplify it for easiness of reading.

Response: After careful consideration, we have decided to delete this sentence.

Comment 15: Line 543: References must be moved to the end of the manuscript (it must be the last section of the manuscript).

Response: References have been moved to the end of the manuscript.

More, we have further checked and revised on the use of English throughout the entire manuscript.