



**CHINA UNIVERSITY OF GEOSCIENCES**  
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January 8, 2023

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Memorandum

To: Dr. Zhongbo YU, Editor of Hydrology and Earth System Sciences

Subject: Revision of Paper # hess-2023-229

Dear Editor:

Upon your recommendation, we have carefully revised Paper # hess-2023-229 entitled "Technical note: Wellbore water volume computation of tracer test in numerical modelling in a confined aquifer".

**Response to Reviewer 1:**

My comments are as follows:

1. The proposed new mathematical model is valuable and can be considered as a technical note (after a major revision!)

[Reply: Thanks a lot. We have made reversion considering all comments by reviewers.](#)

2. The writing of the paper is very poor, not only in the language but also in the logic and organization. The entire paper must be rewritten.

[Reply: We have rewritten the manuscript. English speaker, Dr. Hafizou Mohammed Sow, helped us for checking the English](#)

3. The motivation must be rewritten. The problem in the previous study should be clearly stated and its potential error should be quantified.

[Reply: The motivation has been rewritten.](#)

4. The paper may be too long for a technical note.

[Reply: We have deleted the discussions.](#)

5. The bottom line is that it is very difficult to review the paper and judge its merit because it is poorly written with a lot of confusing sentences.

[Reply: We have revised it.](#)

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33 If you have any further questions about this revision, please contact me.

34 Sincerely Yours,

35 Quanrong Wang, PhD, PG.

36 Professor and

37 Holder of Endowed CUG Scholar in Hydrogeology

A handwritten signature in black ink that reads "Quanrong Wang". The signature is written in a cursive, flowing style with a large initial 'Q'.