

Dear Editor,

We thank you and Referee #2 for the constructive feedback and for the recommendation to perform a thorough grammatical and technical revision of the manuscript.

We have carefully revised the manuscript accordingly, and all modifications are indicated using tracked changes (in red) in the attached file.

We have explicitly addressed the points raised by Referee #2:

- The typographical error in line 16 (“form” → “from”) has been corrected.
- The formatting inconsistency in line 25 (different typeface for “hydraulic behaviour”) has been resolved to ensure uniform text formatting throughout the manuscript.
- The inconsistency in quotation marks (single quotes in the abstract vs. double quotes in the main text, lines 23 and 115/116) has been corrected by applying a consistent use of single quotation marks across the entire manuscript.

In addition to these specific corrections, we performed a comprehensive grammatical and technical copy-edit of the full manuscript. This included:

- A detailed, line-by-line revision to improve grammar, sentence structure, and overall readability in accordance with a native English writing style appropriate for Hydrology and Earth System Sciences.
- Systematic standardisation of tense usage throughout the manuscript:
 - We ensured consistent tense use: past tense for methods and procedures, present tense for general knowledge and interpretations, and appropriate tense for figures and results following journal conventions.
- Harmonisation of terminology and formatting across all sections of the manuscript, including consistent use of British English spelling (e.g. “behaviour”).

All revisions were limited to language, clarity, and consistency, with no changes made to the scientific content, results, or conclusions of the study, and we believe that these revisions have improved the readability and technical quality of the manuscript.