

# Response Letter

Dear referees and editor,

Thank you very much for your time and effort in again reviewing the manuscript titled “**Structural gaps of water resources knowledge in global river basins**”.

We really appreciate all of your insightful comments. To fully address them, please see the revised version of the manuscript (a clear version and a checked changed version). We have also provided point-by-point responses to each of your comments below:

## **COMMENTS FROM PROF. SAVENIJE:**

Thank you for your positive feedbacks to this revised manuscript and very constructive comments in the previous version.

## **COMMENTS FROM ANONYMOUS REFEREE #2:**

Thanks for the manuscript. I have enjoyed reading this paper which has been improved compared to the previous manuscript. The authors have improved their discussions in a way that engages with other interdisciplinary subfields in water sciences, e.g., socio-hydrology, providing insights for the interdisciplinary studies for river basin studies.

In my opinion, however, some minor revisions are needed. 1) careful proofreading will be beneficial for the paper. There are typos and grammatical mistakes (e.g., first sentence in 2.1, "on this field" on pp3, "...number of rivers basins" on pp9, etc.); 2) Please clarify what "data issues" means on pp4.

Thank you for your positive comments on this revised manuscript. We have:

- 1) Carefully proofread the full manuscript and corrected the grammatical errors, including changing “on this field” on pp3 to “in this field”, and changing “number of rivers basins” on pp9 to “number of river basins”. More minor corrections are annotated in the author tracked changed version.
- 2) The “data issues” on pp4 refer to river basins with incomplete data (i.e., missing and/or mismatches key words and disciplines) and river basins identified with ambiguous names (e.g., same names but different spatial locations). We have added additional explanation in Line 115.

Yours sincerely,

The authors team:

Shuanglei Wu, Yongping Wei, Xuemei Wang