



Ming Su
Professor
Research Center for Eco-Environmental Sciences
Chinese Academy of Sciences
Beijing 100085, China

2026-08-13

Editor-in-Chief
Water Research

Dear Editor,

Thank you for your consideration our manuscript (WR108306) in publishing in *Water Research*, and we also thank the reviewers for their kind and valuable comments.

We have carefully revised the manuscript according to each comment from the reviewers. As requested, revision note with point to point responses and actions, change tracking manuscript and revised manuscript have been prepared and included in the revised submission.

In this revision, we have shortened the conclusion, clarified methodological details, improved the description of sequencing and analytical procedures, strengthened the discussion of the proposed mechanism and its limitations, and refined the presentation of the early-warning framework. We have also carefully checked the manuscript for typographical, taxonomic, and formatting issues.

We believe that the paper has been greatly improved. Looking forward to your further instruction regarding its publication.

Yours Sincerely,

Ming Su, on behalf of all authors
Email: mingsu@rcees.ac.cn