

Dear Dr. Gelfan,

We are very pleased to learn that you consider our revisions to be sufficiently addressing the concerns of the reviewers and that you therefore recommend publication of our manuscript entitled “Mapping the world’s inland surface waters: an upgrade to the Global Lakes and Wetlands Database (GLWD v2).”

Please find below our brief responses to the remaining issues raised in the “Notification to the authors.”

All our responses are in blue.

With kind regards,

Bernhard Lehner (on behalf of all co-authors)

Dear Authors:

I have received three reviews of your manuscript. All referees provided extensive comments and recommended reconsidering the manuscript after major revisions. Criticisms of the referees were addressed in your responses. The revised version of the manuscript addresses the comments that resulted in improvements to the manuscript in comparison with the previous version. In the current version, the manuscript addresses relevant scientific questions within the scope of ESSD, and I believe that it is not necessary to send the manuscript to referees for a further review. The only corrections that need to be made are listed in “Notification to the authors from review file validation.” Thus, I recommend the manuscript for publication after these technical corrections.

Alexander Gelfan (ESSD Topical Editor)

Notification to the authors:

1. Please ensure that the colour schemes used in your maps and charts allow readers with colour vision deficiencies to correctly interpret your findings. Please check your figures using the Coblis – Color Blindness Simulator (<https://www.color-blindness.com/coblis-color-blindness-simulator/>) and revise the colour schemes accordingly.

Response: We checked all figures regarding the guidelines to accommodate colour vision deficiencies. We believe that our color schemes are adequate for all readers to interpret our findings correctly.

2. Works "in review" can be cited upon submission with entry in the reference list, as long as these works are available to the reviewers (either on an external server or as review asset). Such works should not be cited in the final, accepted manuscript, unless published, accepted for publication, or available as preprint with a DOI.

Response: We verified that all our cited works comply with this request. There is only one citation “in review” but it is available as a preprint with a permanent DOI.

3. Before the next revision, please adjust the copyright statement in Figure 7 as follows “© Google Maps”.

Response: We added the copyright statement to Figure 7, as requested.

4. Checking your paper, I noticed that your Table A3 contains grey shadings. Please note that this will not be possible in the final revised version of the paper due to HTML conversion of the paper. When revising the final version, you can use footnotes or italic/bold font.

Response: We removed all shadings from all tables (and added bold fonts in Table A3).