

Author's Response (Revision Round 4)

2024-11-22 - Daniel Kovacek & Steven Weijs

Authors' thanks: Thank you once again for your diligence in reviewing and providing feedback on our manuscript.

Responses to Editor's comments

Editor's Comment: *Figure 1 does not appear to be updated as described in the response letter ("Figure 1 has been updated as follows: BCUB region changed from green to grey, symbol sizes in inset map and legend increased for better visibility").*

Author's Response: I was not able to render both previous and updated versions of figures in the tracked changes document.

Corresponding Manuscript Edits (related edits from last revision):

- No revisions made to the figure, please refer to the revised manuscript provided to see the updated version of Figure 1.

Editor's Comment: *In Figure 5, the yellow triangle symbol is still labeled "Lake Inflows" instead of "Lake Inflow/Outflow". Additionally, the stream confluence points (green circles) seem to overlap. Is there a reason for two confluence points being placed at each confluence?.*

Author's Response: Please note that the figure in question is now Figure 4. The definition of green circles was defined explicitly in line 185 and in the caption of Figure 4. Both of these have been revised to state that the green circles represent pour points that define catchments at confluences, including upstream branches and their combination.

Corresponding Manuscript Edits

- The representation of green circles is defined in line 184 as "Green circles represent pour points of catchments defining each upstream branch of a confluence plus their combination." This clarification is also made in the caption of Figure 4. The legend has been updated in Figure 4 to label green circles as "catchment pour point" and the red x label as "spurious pour point". In the legend label it is also clarified that yellow triangles are also pour points defining catchment outlets. A definition of "pour point" has been added.