

## Response to comments

Our responses to the comments are in green below.

1. It appears that you have not yet published your data to the Hydroshare repository. Please do not forget that the data must be published and the DOI citation must be obtained as soon as possible. If all final changes in your dataset have been made and the DOI has been assigned, please include this information (DOI link + "in-text" citation) in the section "Data availability". Additionally, please provide the full DOI citation in the "References" section.

The dataset has now been made fully public on the HydroShare repository. At the time of the previous submission, access was only available via a private link; however, it is now openly accessible.

Following acceptance of the manuscript, a DOI has been requested. The dataset will be available at the following DOI: <https://doi.org/10.4211/hs.9aa735254e7e424ca18603c047d02f50>

2. 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 with the next file upload request. -> Fig. C2

The colour schemes of all figures have been revised to confirm their readability under different types of colour vision deficiency.