

REVIEW COMMENTS

Thank you very much for your further guidance and the opportunity to revise our manuscript. We have carefully addressed the specific points mentioned in the editor's report. Below are our point-by-point responses:

1. Regarding the "Short summary" section, we have revised the "Short summary" to ensure clarity for a broader audience. Specifically, the abbreviation "SM" has been expanded to "surface soil moisture." We have also confirmed that the revised summary remains within the 500-character limit (including spaces).

2. Regarding the color schemes in figures (specifically Fig. 4), we agree that accessibility is crucial for data interpretation. Following your suggestion, we have updated the color scheme in Figure 4 to a blue and red palette, which provides better contrast and readability for readers with color vision deficiencies. We have also ensured that other figures in the manuscript meet these accessibility standards.