

Remarks following File Validation

Remark 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 Remark 1:

Figures 3, 5, 6, 7, 8, and 9 have been crafted using the Batlow and Parula colour map, chosen for its colour-vision-deficiency-friendly characteristics (<https://www.fabiocrameri.ch/batlow/>). Figures 1 and 2 showcase widely employed colour maps for geodynamic modeling, and modifying them could potentially lead to confusion among readers. I respectfully request the journal's guidance in identifying the specific figure under discussion.

Remark 2.

*Your *.pdf manuscript file contains the supplement figures. Please remove the supplement figures from the *.pdf manuscript with the next revision.*

Response Remark 2:

Thanks a lot for letting us know. We have resolved this in our recent submission.