

Title: "Iron and sulphur cycling in the cGENIE.muffin Earth system model (v0.9.21)"
Tracking #: gmd-2020-312
Authors: van de Velde et al.

Topical editor:

Dear Authors,

Thank you for your revised manuscript and the responses to your referees.

I have examined both and am happy that the revisions address the issues raised during review. As such, I am very pleased to accept your manuscript for publication in GMD.

However, I did spot one extremely minor presentational issue in the manuscript. Panel b of Figure 3 ostensibly shows seafloor depth, but instead appears completely blacked-out. I understand that seafloor depth is homogeneous in the model, so the panel should appear "boring", but the colour map used for the panel does not obviously include black. Can you please amend this?

Going forwards, after this technical correction, the manuscript will be passed over to our production team. I am not formally involved at this stage, but if you feel that you need any assistance, please feel free to get back in contact.

Finally, thank you once again for selecting GMD for publishing your work.

With best regards,

Andrew Yool

We would like to thank the editor for his positive evaluation of our revision, and for this work as handling editor of our manuscript.

We changed the colour legend, so Fig. 3b is no longer 'just' black (even though that colour was included in the colour map, as the lowest value).

Kind regards

Sebastiaan van de Velde