

GMD manuscript #2020-404

March 2022

We express our appreciation for the reviewer's feedback and positive overall assessment. A revised manuscript with changes automatically highlighted using the latexdiff tool is enclosed with additions marked with blue colour and deleted text in red. We have shifted from providing the code in the electronic supplement to zenodo archives. We have adjusted the sentence in the abstract pointed out by the reviewer. We have also added one funding acknowledgement.

Thank you.

Michael Olesik, Sylwester Arabas and co-authors.