

Dear Editor,

thank you very much for your helpful comments.

We added a data availability section where the access to the extracted coastline and other used data sources is provided. The coastline will be available through the EOC Geoservice of the German Aerospace Center. As soon as the coastline is integrated in the Geoservice we will add the link in the manuscript before acceptance. The change rates are provided in the supplementary files as it is more suitable to offer them in a table than at the Geoservice.

Regarding your specific comments:

1. We revised the entire manuscript to provide more precise wording and to better distinguish between different kinds of driving forces (e.g. L41 ff., L654 ff.). Moreover, we stress the limitations of our diagnosis especially regarding threshold behaviour (e.g. L375 ff., L648 ff.).
2. In the revised version, we stress the importance of extreme events at several sections of the manuscript. Please see L21, L618, L668.
3. We included the statement in section 3.3. beginning from line 217.

We hope our revised manuscript meets your expectations.

Kind regards,

Celia Baumhoer (in behalf of all co-authors)