

We would like to thank the handling editor for the decision.

There are several correlations we have made:

- 1) We have redrawn Figs. 3-7, mainly by separating the submerged cases from emerged cases to make them readable.
- 2) Numbers of equations have been checked and edited thoroughly.
- 3) Results in Section 5.3.2 have been checked and edited (Page 12, Line 249).
- 4) Affiliations and fundings have been checked and edited (Page1, Line6 and Page 18, Line 352). The sections "Data availability" and "Competing interests" have been included (Page 18).
- 5) Minor corrections about the language.