

Earth Syst. Dynam. Discuss., author comment AC3
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Reply on RC2

Stefanie Talento and Andrey Ganopolski

Author comment on "Reduced-complexity model for the impact of anthropogenic CO₂ emissions on future glacial cycles" by Stefanie Talento and Andrey Ganopolski, Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2021-2-AC3>, 2021

We thank the reviewer for the insightful evaluation and constructive comments. Please find attached a point-by-point response, marked in blue. In order to address some of the reviewer's questions and assess the robustness of the results to several criteria involved in the design of the model or parameter selection strategy, we performed a series of sensitivity experiments. The results from these experiments are briefly discussed here in response to specific comments and will be included in a revised version of the manuscript.

Please also note the supplement to this comment:

<https://esd.copernicus.org/preprints/esd-2021-2/esd-2021-2-AC3-supplement.pdf>