

Earth Syst. Dynam. Discuss., author comment AC5  
<https://doi.org/10.5194/esd-2021-2-AC5>, 2021  
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## Reply on RC3

Stefanie Talento and Andrey Ganopolski

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Author comment on "Reduced-complexity model for the impact of anthropogenic CO<sub>2</sub> emissions on future glacial cycles" by Stefanie Talento and Andrey Ganopolski, Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2021-2-AC5>, 2021

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Reviewer#3 claimed and devoted most of the space to two statements: 1) we used the wrong modelling approach to simulate the possible future evolution of the Earth under and after a significant anthropogenic perturbation of climate; 2) we have no clue about Milankovitch theory and the current status of modelling and understanding of the Quaternary glacial cycles. In the attached response, we show that both these statements are fatally wrong. And although we provide in the attached document scientific responses to the reviewer's critique, first we would like to make it very clear to both the editor and reviewer#3, that writing reviews in such an offensive manner is unacceptable.

Please also note the supplement to this comment:

<https://esd.copernicus.org/preprints/esd-2021-2/esd-2021-2-AC5-supplement.pdf>