

Earth Syst. Dynam. Discuss., author comment AC2
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Response to Reviewer 2

Ben Marzeion

Author comment on "ESD Ideas: A weak positive feedback between sea level and the planetary albedo" by Ben Marzeion, Earth Syst. Dynam. Discuss.,
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I would like to thank the reviewer for their comments and suggestion.

Suggestion: The only thing that the author could add is a brief discussion of the paper by N. Wunderling, M. Willeit, J.F. Donges, and R. Winkelmann: Global warming due to loss of large ice masses and Arctic summer sea ice, Nature Communications (2020).

Response: In the revised manuscript, I will include this reference in the discussion where I point out other, likely stronger feedbacks between climate and albedo. I will also add a citation of Koehler et al. (2010, Quaternary Science Reviews 29, pp. 129-145) who estimated the albedo change caused by the sea-level drop during the LGM.