

## ***Interactive comment on “Synthesizing long-term sea level rise projections – the MAGICC sea level model” by Alexander Nauels et al.***

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Thank you for pointing us to the necessary title revision. Previous MAGICC model versions provided sea level estimates based on varying sea level components (Wigley and Raper 1987, Wigley and Raper 1992, Wigley 1995, Wigley and Raper 2005). These older developments can be seen as MAGICC sea level model versions 1.0, 1.1, 1.2, 1.3. Here, we here present a new, fully revised MAGICC sea level model which will be also part of the coming MAGICC model version release. Thus, we suggest the following title: *“Synthesizing long-term sea level rise projections – the MAGICC sea level model v2.0”*

References:

Wigley, T. M. L. S. C. B. Raper (1987) Thermal expansion of sea water associated with

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Wigley, T. M. L. S. C. B. Raper (1992) Implications for climate and sea level of revised IPCC emissions scenarios. *Nature*, 357, 293-300.

Wigley, T. M. L. (1995) Global-mean temperature and sea level consequences of greenhouse gas concentration stabilization. *Geophysical Research Letters*, 22, 45-48.

Wigley, T. M. L. S. C. B. Raper (2005) Extended scenarios for glacier melt due to anthropogenic forcing. *Geophysical Research Letters*, 32.

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Interactive comment on *Geosci. Model Dev. Discuss.*, doi:10.5194/gmd-2016-233, 2016.

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