

# ***Interactive comment on “The impact of early Holocene Arctic Shelf flooding on climate in an atmosphere–ocean–sea–ice model” by M. Blaschek and H. Renssen***

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This contribution deals with an important topic in Arctic-related paleoclimatic studies. As I don't have enough expertise to evaluate the quality of the modeling experiment, I can only comment on the general paper design and presentation (I conditionally mark the "Scientific quality" field as Excellent - please consider it blank). Overall, the paper is well designed, with a reasonable hypothesis and a detailed discussion of its testing. The conclusions appear to be sound, but again I cannot assess their substantiation by the modeling. The presentation is generally good, but the writing could be improved in some places. I am attaching a file with some suggestions how to

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make the presentation clearer.

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/9/C1758/2013/cpd-9-C1758-2013-supplement.pdf>

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Interactive comment on Clim. Past Discuss., 9, 4191, 2013.

## CPD

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