

***Interactive comment on “The Holocene thermal maximum in the Nordic Seas: the impact of Greenland Ice Sheet melt and other forcings in a coupled atmosphere-sea ice-ocean model” by M. Blaschek and H. Renssen***

**U. Mikolajewicz (Editor)**

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Dear authors,

your paper has now received three reviews. All reviewers agree that this paper is a valuable contribution to the understanding of the pattern of Holocene SST changes in the Nordic Seas. However, the reviewers also agreed, that quite some changes are required, before the paper can be accepted for publication in Climate of the Past. Reviewers #2 and #3 asked specifically to add more materials to the paper, in order to

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strengthen the analysis. They both make detailed suggestions, how this can be done. I agree with reviewer #2, that the paper would benefit, if some of the data used for the discussion are actually shown in the paper together with the model results. Beside this, the reviewers have suggested quite a number of improvements.

I agree with the reviewers, that that this paper eventually could become a valuable contribution in Climate of the Past. However, major revisions are required.

Please respond in detail to all points raised by the reviewers.

You are encouraged to submit a revised version of the manuscript, which then will be sent to the reviewers.

Sincerely Yours

Uwe Mikolajewicz

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Interactive comment on Clim. Past Discuss., 8, 5263, 2012.