

***Interactive comment on “Impacts of marine instability across the East Antarctic Ice Sheet on Southern Ocean dynamics” by S. J. Phipps et al.***

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Received and published: 31 May 2016

Dear authors, this is a very interesting paper. Perhaps you are interested in this paper, even though it uses a very coarse ocean model, but it discusses the interaction of meltwater and Southern Ocean circulation Best wishes, Anders

T. Hattermann and A. Levermann Response of Southern Ocean circulation to global warming may enhance basal ice shelf melting around Antarctica *Climate Dynamics* 35 (2010), 741-756.

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Interactive comment on The Cryosphere Discuss., doi:10.5194/tc-2016-111, 2016.