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Interactive comment on "Regional climate change projections for the Barents region" *by* A. Dobler et al.

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Please see the supplements in the replies.

Considering the interactive sea ice module, the only scheme available for COSMO is described in Mironov et al. 2012 (doi:10.3402/tellusa.v64i0.17330). However, it is tailored to forecasting: If a grid box has been set ice-free during the initialisation, no ice is created over the forecast period. Unfortunately, this makes the module unsuitable for the climate runs carried out.

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Discussion paper