

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.

Interactive comment on Earth Syst. Dynam. Discuss., doi:10.5194/esd-2016-27, 2016.