

Interactive comment on “Coupling between the North Atlantic subpolar gyre vigor and forest fire activity in northern Scandinavia” by Tine Nilsen et al.

Anonymous Referee #1

Received and published: 25 November 2019

In general, I found the paper of Nilsen et al. straightforward and neat. My only concern is that I missed the use of paleofire and paleoclimate reconstructions in this study. Observational data retrieved from reconstructions could help to understand the results (or lack of results) of this paper. I encourage the authors to include, at least in the discussion, a paragraph referring to previous paleoclimate and/or paleofire studies carried out in the study area (if there is any), summarizing their main results and comparing them with the simulations. All in all, I recommend the paper for publications with minor suggestions. See below. L 68 and Suppl. Info. Please indicate the differences between R1, R2 and R3 simulations. L86-91 I would recommend to move this paragraph to the previous section (2.1. Data). More details about the MDC are welcome. What data

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was used to obtain the monthly drought code? Is that code based on simulations or paleoclimate data?

Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2019-123>, 2019.

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