

Reply to the reviewers comments

After submitting my review, I stumbled upon a reprint that described a similar method, although not in climate context. The authors may want to refer to in in the revised version: The Analog Ensemble Kalman Filter and Smoother <https://hal.archives-ouvertes.fr/hal-01188825>

We'd like to thank the reviewer for this addition. In the revised manuscript, this and a further article on this topic will be referred to in the introduction. We will add the following sentence in the revised manuscript: "The combination of the analogue method with a Kalman filter was tested e.g. by Tandeo et al. (2014) and Lguensat et al. (2017) for Lorenz models and has proven to provide good results."