

Interactive comment on “Assessing the Impact of a Future Volcanic Eruption on Decadal Predictions” by Sebastian Illing et al.

Anonymous Referee #1

Received and published: 12 March 2018

The paper nicely explains the impact of volcanic eruptions on decadal predictions on a number of climatic variables. The authors find that although the global response (cooling and drying) to volcanic eruptions is independent of initial conditions, the regional response could be very different based on the initial state. I recommend acceptance with minor revisions as stated below.

Comment: An easy yet important addition to the paper would be to include the impact of the volcanic forcings on ENSO prediction. Since the data is already there it is just about computing some of the ENSO indices and presenting how they change due to volcanic forcings under different initializations.

Interactive comment on Earth Syst. Dynam. Discuss., https://doi.org/10.5194/esd-2018-5,

2018.

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