

Interactive comment on “Teleconnection between Australian winter temperature and Indian summer monsoon rainfall” by S.-Y. Lee and T.-Y. Koh

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Dear reviewer,

We have received your comments and thank you for the valuable feedback. We are currently preparing a detailed response to your concerns and will get it to you as soon as possible.

At this juncture, it appears that most of the concerns are with the results of Section 4.1. We will be clarifying these points and hopefully resolve your concerns. We will be closely reading the papers which you have kindly called our attention to, Sodemann and Stohl, 2009; James et al., 2004. The back-trajectory codes that we used is the same as Noone and Simmonds, 1999, and Barras and Simmonds, 2009.

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Yours Sincerely, Shao-Yi Lee and Tieh-Yong Koh

References:

Barras, V., and Simmonds, I. (2009) Observation and modelling of stable water isotopes as diagnostics of rainfall dynamics over southeastern Australia, *J. Geophys. Res.*, 114, D23308, doi:10.1029/2009JD012132.

Noone, D., and Simmonds, I. (1999) A three-dimensional spherical trajectory algorithm, in *Research Activities in Atmospheric and Oceanic Modelling*, edited by H. Richtie, WMO TD 942, pp. 3.26-3.27, World Meteorol. Organ., Geneva, Switzerland

James, P., Stohl, A., Spichtinger, N., Eckhardt, S., and Forster, C. (2004) Climatological aspects of the extreme European rainfall of August 2002 and a trajectory method for estimating the associated evaporative source regions, *Natural Hazards and Earth System Sciences* 4: 733–746

Sodemann, H., and A. Stohl (2009), Asymmetries in the moisture origin of Antarctic precipitation, *Geophys. Res. Lett.*, 36, L22803, doi:10.1029/2009GL040242.

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