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Earth System Dynamics
Discussions



# *Interactive comment on* "A theoretical approach to assess soil moisture–climate coupling across CMIP5 and GLACE-CMIP5 experiments" *by* Clemens Schwingshackl et al.

**Anonymous Referee #1**

Received and published: 7 July 2018

General comments The paper seems to be very technical and not intended for a "lazy reader". It would be great if authors do something to make it more understandable for those who are doing research in adjacent fields of earth system dynamics, but I am not sure that it would be an easy task.

Specific comments. The following comments formulated in the form of questions are not substantial, but they might help authors to improve readability of the paper.

"Here we present a theoretical approach ... " 1. Is this approach presented or proposed? 2. Is this approach theoretically justified? 3. Is the validity of the approach illustrated with an example?



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Discussion paper

Technical comments. page 3 line 30: evaporative faction -> evaporative fraction

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