

Interactive comment on “JULES-GL7: The Global Land Configuration of the Joint UK Land Environment Simulation version 7.0” by Andrew J. Wiltshire et al.

Anonymous Referee #2

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The paper submitted by Wiltshire et al. describe briefly the new JULES version from a scientific point of view but describes quite in details the configuration. I think this kind a paper is important to track the different version and help to increase transparency in Earth system modelling. The description of the simulations results are quite short but it is probably not so important for such paper. I suggest accepting the paper with some minor modifications: 1. The difference between GL7.0 and GL7.2 is not clearly explained and throughout the manuscript it was not so clear to me. Please explain briefly the differences in the introduction. 2. All the webpages started like <https://code.metoffice.gov.uk> need to a password and a login. Mentioning these webpages without providing access is not very useful. 3. There is a very limited description

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of the C cycle so I guess you only represent GPP but what happens with the C fixed?
This needs clarification 4. For eq. 2 where the allometric relationship comes from?

GMDD

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-152>,
2019.

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comment