

Interactive comment on “The first Met Office Unified Model/JULES Regional Atmosphere and Land configuration, RAL1” by Mike Bush et al.

Mike Bush et al.

mike.bush@metoffice.gov.uk

Received and published: 9 July 2019

Both the Unified Model and JULES use a development approach in which new science is always included on a “logical switch”, such that a given science configuration can be supported over a number of code versions. It is possible to run the RAL1 configuration from vn10.9 of the UM and vn5.0 of JULES onward, and support for the configuration is expected to be continued in future version releases for a number of years.

Some of these simulations were run with versions of the code that do not fully support RAL1, and hence use “subversion branches”. The branches used (and their exact revision number) are defined within the individual rose suites, and permanently stored alongside the suite and the code base in the revision controlled repository.

C1

Table 3 has been updated to show the relevant versions of the UM/JULES used in the simulations presented in the paper.

Please also note the supplement to this comment:

<https://www.geosci-model-dev-discuss.net/gmd-2019-130/gmd-2019-130-AC1-supplement.pdf>

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-130>, 2019.

C2