

## ***Interactive comment on “A description of the FAMOUS (version XDBUA) climate model and control run” by R. S. Smith et al.***

**D. Lunt (Editor)**

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As the two reviews are now in, I would like to invite you to submit an 'author comment', and revised manuscript which addresses the reviewers' comments.

I also have a few (mostly technical) comments in addition to those from the reviewers:

Abstract: Please add a line about the remaining model biases - e.g. currently the abstract implies that the high-latitude cold bias has been completely removed.

Section 3: It is not always obvious whether the 'changes' made are FAMOUS relative to HadCM3 or XDBUA relative to ADTAN.

Figures: Figures 2, 4(right), and 7(a) all have an all-blue colour scale which would be

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more readable if more colours were used. Figure 10: it would be very interesting to see HadCM3 and/or ADTAN on this plot.

Supp Info: At present there is no supplementary info. Although this is not essential, you may want to add some useful info which can be archived on the GMD website, for example the umui basis file or jobsheet, or the restart files from the beginning and end of the run, or some standard output (e.g. climatological temp and precip netcdf data).

Typos: p150 line 14: (Gregory and Rowntree, 1990) should not be in brackets. p150 line 17 and p151 line 21: please indicate which is lon and which is lat for the resolution in degrees. p159 line 12: repetition in 'more more' p162 line 23: exists should be exist.

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Interactive comment on Geosci. Model Dev. Discuss., 1, 147, 2008.

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