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GMDD
6, C916–C917, 2013

Interactive Comment

Interactive comment on "GAPPARD: a computationally efficient method of approximating gap-scale disturbance in vegetation models" *by* M. Scherstjanoi et al.

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We agree that for the GMD paper it would be better to skip the TreeM-LPJ-GAPPARD application. Therefore, we had to make changes in all sections of the article.

We see the problem of using the term "hybrid model", so we replaced it with "2nd generation DGVM", because this is what we actually meant.

Furthermore, we improved formulations and added missing explanations concerning model functions. This regards mortality, stochasticity of climate during the spinup, calculation of leaf phenology of Larix decidua, and the use of bole height.

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We found the content of Figs. 4, 5, D1 and D2 to be important to present detailed inventory data and LPJ-GUESS simulation results on each plot. In contrast to the other figures it also includes information of the data range of the NFI data. However, as Figs. D1 and D2 contain the whole information we found Figs. 4 and 5 to be redundant and decided only to keep D1 and D2.

For detailed comments see the supplementary pdf file.

Please also note the supplement to this comment:
http://www.geosci-model-dev-discuss.net/6/C916/2013/gmdd-6-C916-2013-supplement.pdf

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Interactive comment on Geosci. Model Dev. Discuss., 6, 1021, 2013.