

***Interactive comment on “Implications of accounting for land use in simulations of ecosystem services and carbon cycling in Africa” by M. Lindeskog et al.***

**Anonymous Referee #1**

Received and published: 27 February 2013

General: Mostly simple & straightforward, not exciting. Ok for publishing after minor concerns are addressed.

Specific: 1) p 238 line 23: is it your assessment or can you provide a reference supporting "especially in the lower latitudes"

2) p 239 line 13: change 'acing' to 'acting'

3) p 245 last paragraph: so this is a transient dataset of actual crop pfts? Please explain more explicitly because I'm not aware of such a dataset existing, yet. I think you should document in more detail how you created it.

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4) p 246 line 5: "only one patch" Last mention of this concept in line 15 of p 241, I think. If so, may help to send the reader back to that sentence for context.

5) p 248 line 22: "irrigated ...(Fig. 5)" is the same thing as precip dependent sowing? Is this one of the runs in Table 4 or additional? To this point are you just comparing Runs 1 and 2?

6) p 250 line 22: "is explained by..." suggesting that it's wrong?

7) p 253 lines 7-8: "higher" seems strange to me, esp. together with "release"

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Interactive comment on Earth Syst. Dynam. Discuss., 4, 235, 2013.

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