

Biogeosciences Discuss., referee comment RC1  
<https://doi.org/10.5194/bg-2022-61-RC1>, 2022  
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## **Comment on bg-2022-61**

Carsten Marohn (Referee)

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Referee comment on "Modeling the effects of alternative crop–livestock management scenarios on important ecosystem services for smallholder farming from a landscape perspective" by Mirjam Pfeiffer et al., Biogeosciences Discuss.,  
<https://doi.org/10.5194/bg-2022-61-RC1>, 2022

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A well-written paper concerning an important topic and an interesting approach using a crop and a landscape vegetation model. Main comments:

- The model coupling should be described more prominently (most information is there, but in the supplement).
- Outputs on ESS and ESF could be presented and discussed in more detail and agronomic outputs less.

Please check comments in all 3 attached pdfs.

Please also note the supplement to this comment:

<https://bg.copernicus.org/preprints/bg-2022-61/bg-2022-61-RC1-supplement.zip>