

Dear editor,

Thank you for handling our manuscript. Hereby your comment and our response to it:

For the comments of a reviewer and the authors' response:

p 3, line 74: Add ..with processes not included..." It is not fully clear to us where this should be added. In the sentence before we write about ORCHIDEE and JSBACH: "These models have more complex physics not included in the CLASS model, which can be advantageous in accurately simulating land-atmosphere exchange". Therefore we assume the message of CLASS having more simple physics to be clear to the reader.

Could you mention what kinds of physics and processes are not included in the model?

We have adapted the text:

"These models simulate additional processes not included in the CLASS model, which enables to calculate additional land-surface variables. For example, in contrast to ORCHIDEE, CLASS cannot simulate leaf phenology or the allocation of carbon to different biomass pools."