

Geosci. Model Dev. Discuss., referee comment RC2
<https://doi.org/10.5194/gmd-2020-436-RC2>, 2021
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Reply on RC1

Anonymous Referee #1

Referee comment on "CM2Mc-LPJmL v1.0: Biophysical coupling of a process-based dynamic vegetation model with managed land to a general circulation model" by Markus Drüke et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2020-436-RC2>, 2021

Dear authors,

I have another minor comment/suggestion that I think would make things clearer. It would be helpful to have a short description of how LPJmL represents land in section 2.2. Two or three lines would suffice. Something like this paragraph from section 2 of von Bloh et al. (2018):

"In the LPJmL model vegetation is represented by different plant functional types (PFTs) that can establish concurrently within a cell. These established PFTs share the same soil stand and compete for light, water, and nitrogen resources, while crop functional types (CFTs) are established exclusively at sowing on their own soil stand."

This would answer several questions that can come to mind while reading your manuscript without having to go to the more complete descriptions.

Best,

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