

I think the authors did a nice job addressing the reviewer comments. I only have one remaining minor question relating to the added discussion of CMIP6 models and LAI observations; that is, in the Discussion it was not clear to me if CMIP6 models are generally overestimating or underestimating observed LAI. Otherwise the manuscript could still probably benefit from an editorial grammar check. But I would suggest to publish after these minor revisions.

Response: we add the following sentence to complete the discussion as suggested by the reviewer: 'Moreover, they revealed that most of the CMIP6 models overestimated the LAI in non-forested vegetation areas against observations, which largely contributed to the general overestimation of the global mean LAI.' Please see line 311-312