

Earth Syst. Dynam. Discuss., referee comment RC3  
<https://doi.org/10.5194/esd-2020-94-RC3>, 2021  
© Author(s) 2021. This work is distributed under  
the Creative Commons Attribution 4.0 License.

## **Comment on esd-2020-94**

Anonymous Referee #3

---

Referee comment on "Bookkeeping estimates of the net land-use change flux – a sensitivity study with the CMIP6 land-use dataset" by Kerstin Hartung et al., Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2020-94-RC3>, 2021

---

The manuscript presents a comprehensive analysis of common factors (wood harvest and shifting cultivation, uncertainties of the LULCC dataset, or the initialisation year of the simulation) impacting the LULCC flux estimates of the BLUE bookkeeping model, using factorial experiments to assess their relative importance. It is well written and a very useful contribution.

After reading two previous referee comments, I do not have anything else to add, and I recommend acceptance of the manuscript for publication after addressing those minor comments .