

Thank you for addressing my previous comments. The updated manuscript has been greatly improved. Please see minor comments below.

[We are grateful for the many suggestions and comments. Here we answer against each point below](#)

Minor Comments

Line 9: Remove “&” at the end

[Fixed](#)

Line 70: The FireCCILT10 (Beta product) was recently replaced by the FireCCILT11 (Otón et al., 2021)

Otón, G., Lizundia-Loiola, J., Pettinari, M. L., & Chuvieco, E. (2021). Development of a consistent global long-term burned area product (1982–2018) based on AVHRR-LTDR data. *International Journal of Applied Earth Observation and Geoinformation*, 103, 102473.

[Thank you for pointing this new reference. We replaced the old reference with the new one](#)

Line 72: change to “products”

[Fixed](#)

Line 78: Hawbaker released an updated Landsat BA product over CONUS

Hawbaker, T. J., Vanderhoof, M. K., Schmidt, G. L., Beal, Y. J., Picotte, J. J., Takacs, J. D., ... & Dwyer, J. L. (2020). The Landsat Burned Area algorithm and products for the conterminous United States. *Remote Sensing of Environment*, 244, 111801.

[Thank you for pointing this new reference. We replaced the old reference with the new one](#)

Line 83: change “The MOEF” to “the MOEF”

[Fixed](#)

Line 85: Does the MCD64A1 product specifically omit small fires or simply not capture them all because of the coarse resolution?

[We modified the sentence to make this point clearer](#)

Line 137: I believe it should be spelled “chlorophyll”

[Fixed](#)

Line 180: capitalize random forest

[Fixed](#)

Line 197: add a “)” after 2005

[Fixed](#)

Line 210 (also Lines 438 – 446): An alternative method to ground samples is to validate a BA product using a finer-resolution sensor (e.g. validate a Sentinel 2 BA product using Planet (3m) data)

[Yes thank you for pointing this out. Planet will be another possibility in future endeavours.](#)

Line 273: change to “line of moving fire”

Fixed

Line 306-307: Please reword the sentence.

We reworded the sentence to improve clarity

Line 323: change to “burns are manually”

Changed

Line 349: Should the “and a” be removed in “...lower and a PA..”

Yes, fixed

Line 376 and 386 and 452: Capitalize “official”

Fixed

Line 417: add “because” between “burns of”

Yes fixed

Line 741: change to “reference sites”

Changed

Line 744: change to “pre-fire images”

Changed