

Review of paper acp-2021-132: On the competing effects of contemporary land management vs. land cover changes on global air quality by Wong and Geddes

Dear author, co-authors,

I have checked your response to the comments I raised in my editors review and the revisions you included in the manuscript. It appears that overall you appreciated the feedback seeing the revisions. I now accept the paper for publication in ACP after you have handled some minor last issues I found in reading your response and the revision,

Line 140: “the fertilizer emissions ~~of~~ represent only..”

Lines 352:353; “ In contrast, modelled surface ozone increases decreases by up to 1.2 ppbv further south, where strong increases in LAI lead to largely increases in v_d (up to 0.06 m s⁻¹)”; An increase of 0.06 m s⁻¹ is an increase of 6 cm s⁻¹. That is indeed a large V_d given that the maximum for ozone is ~2 cm s⁻¹.... If it is a typo and should be 0.06 cm s⁻¹ than it is not a large change; a change of 0.6 cm s⁻¹ would be indeed a large change. So what is it at the end?

Line 496: “Zhang et al., 2010) are” (space missing)