

Greenhouse gas and energy fluxes in a boreal peatland forest after clearcutting

General comment: This is a great data-rich paper on a highly relevant timely topic on GHG fluxes from peatlands following clear cutting. The authors made a great effort in writing and revising their manuscript. They have clearly addressed the reviewer comment which has greatly improved the manuscript.

I only have minor technical issues that are easily to address.

1. I find 'forest floor respiration' somewhat misleading as respired CO₂ originates also from deeper soil layer - consider to rename it to soil respiration or soil CO₂ efflux.
2. Statistical analyses: please define the 'fixed' effects.
3. at p. 19 L. 3-10, the reporting of long-term temperatures is somewhat confusing as you first report temperatures measured at the climate station, then yours and then the ones of the climate station again. Please try to present this more coherent.
4. at p. 25. L.19. 'This also means...' is an awkward sentence. Please improve.
5. Table 1: Soil properties. Is the classification as 'humus layer' correct? The extremely low density would rather suggest that it is a 'litter layer' that is also more clearly distinguishable from peat. What is the thickness?