

**egusphere-2022-1424 A new method for estimating carbon dioxide emissions from drained peatland forest soils for the greenhouse gas inventory of Finland**

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The manuscript have improved a lot, but is still not ready for publication.

The main concern is related to figure 1, it seems not to be ready and does not link to the equations used. This as for example the modelled decomposition is only driven by temperature, with no link to the input of organic matter.

What I would like to have, is a figure that shows the “workflow” for the new method, - compared with the old one, as a lot of the discussion is about comparing the two methods. And the old one used by the Finnish reporting has not been published.

Short comments

On line 359 are CO<sub>2</sub> not correctly typed.

The reference on line 383 “Suomenselkä and Maanselkä” are missing the year and are not found in the reference list either.