Comment on essd-2020-307
Andreas Heinemeyer


This is a fantastic dataset!

I have a comment on the Figure 5. Whilst it seems OK to just plot a linear trendline through these fluxes (on a logarithmic scale), this is questionable when looking at the individual biomes, which seem to indicate an even stronger (possibly even some exponential) increase with temperature. I would like to see individual regression lines fitted to the individual biomes (fen, bog, ...). I know there are few points per biome, but it seems important to see these biomes in their individual light - as underpinning conditions and processes are likely very different. This is of particular importance when considering previous work by Abdalla et al., 2016 (temperature & moisture impacts on methane fluxes), highlighting those differences - which I think might look similar when plotting these data for biomes individually.

- DOI: