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Open Access Earth System Science Data Discussions

Interactive comment on "A new dataset of soil Carbon and Nitrogen stocks and profiles from an instrumented Greenlandic fen designed to evaluate land-surface models" *by* Xavier Morel et al.

Anonymous Referee #4

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I think this is a valuable dataset, as it complements previous studies of gas fluxes with new data on soil carbon content. However, despite valuable, the data doesn't comply with being a highly useful data product as expected for ESSD. This is mainly for two reasons: the first is that despite few, there are other studies that complement greenhouse data fluxes with soil carbon content, and in this sense those studies are also valuable to model the dynamics of soil carbon and gas fluxes. Second, the amount or oddity of data doesn't make it as extraordinary as claimed by the authors.

I suggest to publish this data in a disciplinary journal.

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Discussion paper

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