

Interactive comment on “Short communication: a new dataset for estimating organic carbon storage to 3 m depth in soils of the northern circumpolar permafrost region” by G. Hugelius et al.

G. Hugelius et al.

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Dear Dr.Lantuit

Thank you for these constructive comments regarding our manuscript. We would like to address your three major comments below:

1. Thank you for this helpful suggestion. There are currently no plans to release such a comprehensive manuscript of Yedoma profiles under the current author constellation, but it is a valuable idea. An assessment of northeast Siberian Yedoma soil carbon profiles that includes depths below 3 m has been published by Schirrneister et al 2011

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(JGR). Because the new dataset we present here comes from many different sources, we are unable to present full stratigraphic data for many pedons. Some of this data may also be available but considered for publication elsewhere.

2. An updated map is a good suggestion and it will be included in the updated manuscript.
3. This is a good suggestion and a table summarising the properties of the map will be added to an updated manuscript.

Interactive comment on Earth Syst. Sci. Data Discuss., 6, 73, 2013.

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