

## ***Interactive comment on “Lability classification of soil organic matter in the northern permafrost region” by Peter Kuhry et al.***

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I find this manuscript a well written and valuable study addressing the vulnerability of permafrost carbon to climate change and the permafrost carbon feedback. It seems, however, that the authors assume recent permafrost warming as general knowledge. At the beginning of the introduction they could better provide proofs and estimates of this ground warming process and the relationship to the atmosphere. Recent publications on permafrost warming should enable also a direct comparison to some of the considered study sites.

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