

## ***Interactive comment on “Stability of soil organic matter in Cryosols of Maritime Antarctic: Insights from 13-C NMR and electron spin resonance spectroscopy” by Evgeny Abakumov and Ivan Alekseev***

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The article presents interesting and needed issues related to coal and organic matter in the soil of Cryosols of Maritime Antarctic.

The methodology is a bit unclear. First: name of the text. Why those specific depths have to be chosen for different soil profiles (50 - 55, 15 - 20, 20 - 25 for SP1, SP2, and SP3 respectively). In tab. 1 we've got 1O, 2 [CRH ... in tab 2 we've got only sample numbers and in tab 4 - other names. Placing soil samples on the map would

C1

be convenience. Results should be given up to 3 significant figures (there are 3 and 4). There are no figures names while tables are named properly.

The pH in sample 1 is quite high. Was it also an ornithogenic effect?

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Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2018-44>, 2018.

C2