

Interactive comment on “Variations of soil profile characteristics due to varying time spans since ice retreat in the inner Nordfjord, western Norway” by A. Navas et al.

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I think that the manuscript “Variations of soil profile characteristics due to varying time spans since ice retreat in the inner Nordfjord, western Norway” is well within the scope of the Solid Earth Discuss. It addresses a current and very interesting topic. It presents new data and therefore I am in favor of its publication. However, before this is possible, the manuscript need a major review.

I also was reading the recommendations presented by Dr. Mavlyudov. They are all relevant and therefore decreased much my job! So, I consider that the recommendations and suggestions from first referee should be taken into account in a new version.

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Additionally, I recommend a few modifications: 1) What was the reference material used for calibration of HPGe detector? 2) What was the lower limit of detection (LLD) for each radionuclide analyzed? 3) Figure 6 presents a difficult viewing of the activity concentrations of some radionuclides, mainly ^{137}Cs and ^{210}Pb . So, these could be presented in a logarithmic scale. This rule could be adopted in other figures. 4) The authors should present the uncertainties of the measurements in our figures, mainly in figure 6. If this is not possible or hinders the view, then they could present them in the figure captions.

Interactive comment on Solid Earth Discuss., 6, 91, 2014.

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