

***Interactive comment on “Forest decline caused by
high soil water conditions in a permafrost region”
by H. Iwasaki et al.***

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Authors investigated the distribution of senescent larch trees and completed a tropo-sequence along 400m line transect to evaluate the relationship between larch senescence and soil water conditions using degree of saturation and relative gas diffusivity of the soils as representative parameters. I miss a soil profile picture. Authors described it in material and methods section. It is only an aesthetic matter, it is not important for the scientific content of the manuscript. I also miss an analysis of the studied soils. I find the texture, but the content of organic matter, which also influences the water holding capacity, does not appear. Carbon content of studied soils is also important to evaluate the climate changes. This work is well developed and, something that is

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appreciated in any scientific paper, is pleasant and easy to read and at the same time, conveys very clear ideas behind rigorous scientific work

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