

# ***Interactive comment on “Micromorphological characteristics of sandy forest soils recently impacted by wildfires in Russia” by Ekaterina Maksimova and Evgeny Abakumov***

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Dear Referee! Thank You very much for your comments to my manuscript. I have changed the manuscript according to your suggestions, these changes are highlighted by green color, the following comments I have made to Your recommendations:

1) soil carbon, pH and silt and clay were investigated using recommendations of monography “Methods of Soil Analysis. Part 3 Chemical Methods” (1996). An appropriate txt was added to the article in section 2.1 Study area. 2) all samples of the period 2010-2015 were analysed but in this paper only data of 2010 were represented as the most informative. 3) the measurements of studied parameters were performed in triplicate – this information was added to the text. 4) data of main soil properties that

have been showed are necessary in order to characterize studied soils in whole and to describe soil organic matter that was diagnosed by means of micromorphological methods. 5) the normal distribution of the data was verified previously, and analysis of variance (ANOVA) and a post hoc test were conducted using SIGMAPLOT 8.0 software with the aim of comparing differences between plots (site effect). Differences were considered significant at  $p < 0.05$ . Three values of each sample were included in ANOVA. 6) following your kind advise, one more picture of studied plot was added to the text and a type of fire was showed.

Thank You very much!

With kind regards, Corresponding author Ekaterina Maksimova

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Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/se-2016-173/se-2016-173-AC3-supplement.pdf>

Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-173, 2017.

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Discussion paper

