

Interactive comment on “Response of soil microorganisms to radioactive oil waste: results from a leaching experiment” by P. Galitskaya et al.

Anonymous Referee #4

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This manuscript is dedicated to the very interesting topic: combined influence of oily compounds and radionuclides containing in oil waste, on soil. The experiment design permits to distinguish between impact of different hazardous compounds of the waste on soil microbial community. Besides, the process of leaching of radionuclides and oily compounds is investigated. Unfortunately, authors do not estimate the changes of fungal community under influence of the waste. Besides, new sequencing methods could be used for deeper understanding of shifts happening in microbial community. I think this manuscript is interesting and valuable for scientific audience.

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