

Interactive comment on “Effects of Spent Mushroom Compost on Physicochemical Properties of Degraded Soil” by İlknur Gümüş and Cevdet Şeker

Anonymous Referee #1

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Dear Editor, I have finished the review of submitted your journal titled “Effects of Spent Mushroom Compost on Physicochemical Properties of Degraded Soil” my opinion on the article is as follows: General evaluation This paper has studied on effect of mushroom compost applications on the physicochemical properties of degraded soil. Authors stated that mushroom compost can be used to physical amelioration of soil. I would like to express that this paper is assessable for your journal. Article title is compatible with the issues. And title clearly reflects the contents. The subject is the general scope of the journal also; topic is suitable for scope of Solid Earth Abstract. Abstract is informative. Properly keywords are given. The objectives of the article adequate and appropriate in view of the subject matter. Comments and suggestions for improve-

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ments Specific Concerns Introduction It is suitable and original contribution. Clearly is reflecting the contents and is relevant with subject. There have been a number of references. “Total fresh mushroom production of Turkey has increased 33-fold in the last 24 years, from about 19.501 tons in 2009 to about 39.495 tons in 2015 (Erler and Polat, 2008; TUÄrK, 2015)” this part is not necessary it could be removed. “The objective of this study is to indicate the effects of SPM application to degraded soil with specific emphasis on aggregate stability, the modulus of rupture, electrical conductivity (EC), nitrogen, and organic carbon.” This sentence should be rewritten. (SPM?) Material and methods Materials and methods used are suitable and scientific for this article. The description of materials and methods are to allow replication of the experiment. Results are clearly presented. Article structured is in agreement with the Guide for authors. Content justify the length. Tables are all necessary, complete and clearly presented. References are adequate. Conclusions Results and discussion are given clearly. Interpretations and conclusions are, justified by the data and consistent with the objectives. This is original contributes to science. Results are clearly expressed. But, Figure 2 should be reconsidered. Final Decision The paper deals with an interesting aspect and presents a wide dataset. This study is still able to add some knowledge of interest to an environmental readership. In addition, the paper contains some useful information that is worthy of publication and usefulness for other researchers in this field. In brief, my opinion is, this manuscript has been written in standard scientific way and is suitable for publication in an international journal as like Journal of Solid Earth Acceptable with minor revision, not requiring reconsideration by referee.

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