Review Form 1.7

Journal Name:	**International Journal of Environment and Climate Change**
Manuscript Number:	**Ms_IJECC_110064**
Title of the Manuscript:	**Cropping systems influence on soil organic carbon and enzyme activities**
Type of the Article	**Original Research Article**

PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	**1. The study of the influence of crop rotation and the fertilization system on the biological activity of soils and the processes of accumulation of organic matter will always be relevant and important.** **2. The title of the article describes the work well.** **3. The abstract gives a sufficient idea of the content of the article.** **4. The article is well structured.** **5. The experiment is set correctly and logically, but for greater reliability, it is desirable to increase the number of repetitions to 5. It is necessary to indicate the full name of the soil according to the international classification where the research was conducted.** **6. More recent articles should be added to the literature review:** **Kwiatkowski, C. A., E. Harasim, B. Feledyn-Szewczyk and J. Antonkiewicz, 2020. Enzymatic activity of loess soil in organic and conventional farming systems. Agriculture, 10 (4), 135. DOI: 10.3390/agriculture10040135.** **Bulyhin, S., Tonkha, O. 2018. Biological evaluation of the rationality of soil usage in agriculture. – Agricultural Science and Practice, 5(1):23–29. DOI: 10.15407/agrisp5.01.023** **Rieznik, S., D. Havva, A. Butenko and K. Novosad, 2021. Biological activity of chernozems typical of different farming practices. Agraarteadus, 32 (2), 307–313. DOI: 10.15159/jas.21.34.** **Rieznik, S., D. Havva and O. Chekar, 2021. Enzymatic activity of typical chernozems under the conditions of the organic farming systems. Scientific Papers. Series A. Agronomy, LXIV (2), 114–119.** **Volkohon, V.V., Pyrig, O.V., Volkohon, K.I., Dimova, S.B. 2019. Methodological aspects of determining the trend of organic matter mineralization synthesis processes in croplands. – Agricultural Science and Practice, 6(1):3–9. DOI: 10.15407/agrisp6.01.003**	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	**Yes.**	
Optional/General comments	**It would be interesting to compare the obtained results with virgin lands (natural areas).**	

PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

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Reviewer Details:

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