

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_116128</b>
Title of the Manuscript:	<b>Long-term effects of rice and non-rice ecology on pools of carbon in surface and deep soil in farmers' fields</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. The manuscript investigates the long-term effects of rice and non-rice cropping systems on carbon pools in surface and deep soils in farmers' fields. It provides insights into the distribution of total carbon, total organic carbon, and inorganic carbon at different depths, highlighting the importance of soil carbon dynamics for sustainable agriculture and climate change mitigation. The study's findings offer practical implications for soil health, productivity, and climate-smart agricultural practices, making it a valuable contribution to the scientific community in the fields of soil science, agriculture, and global research.</p> <p>2. It effectively captures the study's focus on investigating the impact of different cropping systems on carbon pools in surface and deep soils within farmers' fields over an extended period.</p> <p>3. The abstract of the article succinctly introduces the study's focus on carbon pools in surface and deep soils under rice and non-rice cropping systems. It outlines the comparison of total carbon, total organic carbon, and inorganic carbon levels at different depths and crop ecologies, providing a brief overview of the key findings.</p> <p>4. the structure of the manuscript seems appropriate for presenting the research findings in a coherent and systematic manner.</p> <p>5. The manuscript appears to be scientifically correct, as it addresses a relevant research topic on carbon pools in soils under different cropping systems. The study employs appropriate statistical analysis methods and compares carbon levels at various depths and crop ecologies, indicating a rigorous scientific approach.</p> <p>6. The references cited support the study's context and contribute to its scientific credibility.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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