

**Review Form 1.7**

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|--------------------------|---|
| Journal Name:            | <b>Asian Soil Research Journal</b>  |
| Manuscript Number:       | <b>Ms_ASRJ_107180</b>   |
| Title of the Manuscript: | <b>Vertical Changes of Organic Carbon Storage, Structural and Hydraulic Properties of a Humid Tropical Soil under Vegetation Cover in Southeast Nigeria</b> |
| Type of the Article      | <b>Short Research Article</b>   |

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**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) |
|--|--|---|
| <p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p> | <p>L = Line</p> <p>-&gt; Check the need to number sections and subsections.</p> <p><b>Materials and methods</b></p> <p>L103, L115, L127: check the correct way of presenting the equations. I think the equations should be named as "Eq. (1)", "Eq. (2)" and "Eq. (3)", I think the ellipsis (.....) should not be used. Check the journal template.</p> <p>L105: Missing <math>\Delta H</math> (head pressure) unit. Is the unit of pressure dyna/cm<sup>2</sup>?</p> <p>-&gt; I suggest separating each type of analysis/parameter into a new paragraph or new subsection. L100: Saturated hydraulic conductivity (Ksat), L107: Field capacity (FC).</p> <p>-&gt; L123 and L127: the previous equations are centered, standardize.</p> <p><b>Results and discussion</b></p> <p>Table 2: "DEPTHs (Cm)", "Cm / hr" -&gt; cm<br/>check the position of the units in parentheses, in some columns they are in the second line</p> <p><b>Conclusion</b></p> <p>L258-259: "The reduced drainage at the higher depths should be considered in cultivating deep rooted crops which are sensitive to poor drainage." -&gt; Was this topic discussed in the article? I think the conclusion should only report matters that were discussed in the article. L259-260: "The top soils should be managed with good agronomic practices and minimum tillage to avert damages to the macro and micro soil aggregates." -&gt; Was this discussed in the article? This sentence is repeated in the abstract.</p> |   |

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|  | <b>References</b><br>-> check that all references in the reference list have been cited throughout the text. Check that all references cited throughout the text are in the list of references. Use "Ctrl + F" |  |
| <b>Minor</b> REVISION comments<br><br>1. Is language/English quality of the article suitable for scholarly communications? |  |  |
| <b>Optional/General</b> comments   |  |  |

**PART 2:**

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|  | <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) |
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |  |

**Reviewer Details:**

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|----------------------------------|--|
| Name:                            | <b>Thiago Simonato Mozer</b>                   |
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