



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	<b>Ms_IJPSS_27147</b>
Title of the Manuscript:	<b>Remote Sensing and GIS for Optimizing Land Use Base on Fertility Capability Classification</b>
Type of the Article	<b>Original Research Article</b>

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"> <li>- The absence of references in the introduction;</li> <li>- Better expose the objectives and the hypotheses of the study;</li> <li>- 15 °c and 30 °c or 6.5° to 24°C? Standard;</li> <li>- DEM abbreviation in “<b>2.2.1.Remote Sensing data and processing</b>” was not cited before;</li> <li>- <b>Fertility capability classification</b> in fig 2;</li> <li>- ENVI software (ver.4.8) reference in “<b>2.2.1.Remote Sensing data and processing</b>”;</li> <li>- The parentheses in: <b>convexity</b>) (2.2.2.Delineation of different landforms)</li> <li>- ArcGIS 9.3 software reference;</li> <li>- Figure 3 was not cited in the text;</li> <li>- Figure 4 reference is wrong;</li> <li>- “<b>Particle size distribution (Piper, 1950)</b>” and “<b>calcareous soils(USSL Staff, 1954)</b>” = reference cited divergent;</li> <li>- Figure 4 legend;</li> </ul>	



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	<ul style="list-style-type: none"><li>- Studied area or study area?</li><li>- <b>These soils are characterized by a high risk of soil erosion (SR) that erosion can negatively affect plant productivity and ecosystem functions</b> – Reference? Little confused.</li><li>- <b>Table 5.a.Interpretation of Soil fertility capability classification units</b> = the description is polluted;</li><li>- <b>Suggestive plausible soil management</b> was not an objective of the present study;</li><li>- The <b>Conclusion</b> seems the <b>Abstract!</b></li><li>- <b>Conclusions</b> should briefly state the major findings of the study;</li><li>- Reference 8 is missing;</li><li>- References formatting – see Authors Guideline</li></ul>	
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<p><b><u>Minor</u></b> REVISION comments</p>	<ul style="list-style-type: none"> <li>- The title should be without any abbreviations (Geographic Information System).</li> <li>- improved formatting in the Material and Methods and Results (words together and excess of space in some parts);</li> <li>- Defining the characteristics of each landform for the readers;</li> <li>- 2.2.4. Laboratory analysis and soil classification;</li> <li>- Table 5b = table 6?</li> <li>- Abbreviations without explanation for the readers (e.g. ESP).</li> <li>- <b>3.3.1. Low organic matter (m) and low nutrient reserves</b></li> <li>- <b>“Suggestive plausible soil managements”</b> and <b>“Conclusion”</b> need to be improved.</li> </ul> <p><b>Plagiarism issue:</b> References are necessary in the introduction of the manuscript.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<ul style="list-style-type: none"> <li>- The article is interesting and needs to be revised according to the suggestions.</li> <li>- In general, the article should have its readability improved for the readers and some abbreviation and tables need to be better explained;</li> </ul>	



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	<ul style="list-style-type: none"><li>- The title seems to be a Review Paper and not an Original Research Article. Studied area cited in the title;</li><li>- The introduction and discussion should have its readability improved.</li><li>- Improve the second figure of the location map of the studied area (fig. 1).</li><li>- See the use of abbreviations in keywords and figure legends.</li><li>- How the soil profiles were selected?</li></ul>	
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**Reviewer Details:**

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