

## Review Form 1.7

Journal name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript number:	<b>Ms_IJECC_103744</b>
Manuscript Title:	<b>Identification of prominent environmental covariates using variable selection methodologies for digital soil mapping</b>
Item Type	<b>Original Research Article</b>

### **General guideline for the peer review process:**

This journal's peer review policy states that NO manuscript should be rejected solely on the basis of "lack of novelty", as long as the manuscript is scientifically sound and technically sound. For the complete guide to the peer review process, reviewers are requested to visit this link:

<https://www.journalijecc.com/index.php/IJECC/editorial-policy>

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**PART 1: Review Comments**

	<b>reviewer comment</b>	<b>Author comment (if you agree with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors are required to write their comments here)</b>
<p><b><u>Mandatory</u></b> REVIEW Feedback</p> <p><b>1. Is the manuscript important to the scientific community?</b> (Please write a few sentences in this manuscript)</p> <p><b>2. Is the title of the article appropriate?</b> (If not, please suggest an alternative title)</p> <p><b>3. Is the abstract of the article complete?</b></p> <p><b>4. Are the subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have any suggestions for additional references, please mention them in the review form.</b></p> <p><b><u>(Other than the 6 points mentioned above, reviewers can provide additional suggestions/comments)</u></b></p>	<p>1. The manuscript reveals: It is important to use the UNESCO THESAURUS, it is a universal glossary that allows the development of the topic and the location of the article within the broad specific academic lines. Soils – Cultivation – Digitization of maps ... The problem of the study is clear. The context for the investigation is pertinent, the selection of soils by sampling and attributes is appropriate as the set of methods and variables applied. The reading of results uses a specialized nomenclature. You can appreciate the work in situ with the digitized contribution of soils. This clearly indicates that it is an original study, with a significant contribution to civil engineering. It is suggested to mention the possible lines of investigation that can be generated from these results. The conclusion should be in accordance with the proposed objective: the recursive technique of elimination of characteristics implemented mainly to determine the efficient environmental covariates in the prediction of the soil attribute. Review</p> <p>2. The theme is suitable for study and contribution to the area.</p> <p>3. The objective of the study, the methodology and the results are determined. Important contributions to the study of soils can be appreciated from the use of digitization. It is necessary to briefly determine the conclusions of the investigation.</p> <p>4. The structure of the scientific article is pertinent.</p> <p>5. The study is scientifically and academically correct</p> <p>6. Bibliographical references are appropriate.</p>	
<p><b><u>Minor</u></b> REVIEW Feedback</p> <p><b>1. Is the quality of the language/English of the article adequate for scholarly communications?</b></p>	Appropriate	
<b><u>Optional/ General</u> comments</b>		

**PART 2:**

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

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**Reviewer Details:**

<b>Name:</b>	<b>Jeverson Santiago Quishpe Gaibor</b>
<b>Department, University &amp; Country</b>	<b>Salesian Polytechnic University, Ecuador</b>