

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_100912
Title of the Manuscript:	MACHINE LEARNING TECHNIQUES FOR SOIL PROPERTIES MAPPING
Type of the Article	Review Article

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:

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

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Importance: They aimed to estimate Soil Nutrients and relate the spectral signatures to that of the Laboratory reference Measurements utilizing CART analysis.</p> <p>2. Title: Clear but preferred to be modified into "Mapping of Soil Properties using Machine Learning Techniques".</p> <p>3. Abstract: Provide an opening statement of one or two sentences before illustrating the aim. Some modifications were recommended to enhance the readability and understanding.</p> <p>4. Structure of the manuscript:</p> <ol style="list-style-type: none"> Keywords: Rearrange in alphabetical order as suggested. Introduction: Improperly displayed in a large number of large paragraphs. Re-arrange into three paragraphs only i.e., 1. Introduction 2. Significance of the study, and 3. Aim of the study. Many modifications were suggested to enhance readability and understanding. The aim: Not listed. The aim has to be listed by the end of the introduction section. Body of the review: Novel and clear to a certain extent with moderate comparison and speculation. The authors have to avoid the repetition of the statements. Many modifications were suggested to enhance the readability and understanding of the text. Conclusion: Clear but has to be concise. Some modifications were suggested to enhance the readability and understanding of the text. Tables: Well-presented and organized. Figures: Well-presented and organized. <p>5. Scientific Soundness: The manuscript discussed a good point of view with moderate English and grammar that requires quite professional proofreading and copyediting.</p> <p>6. References: Sufficient as 48.3% (30 out of 63) of the listed references were published in the past five years.</p>	
<p>Minor REVISION comments</p> <p>1. Is the language/English quality of the article suitable for scholarly communications?</p>	<p>General view: The manuscript was written in moderate English and grammar. Professional copyediting and proofreading have to be carried out before resubmission to achieve publishing value.</p>	
<p>Optional/General comments</p>		

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

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Reviewer Details:

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