

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_104937</b>
Title of the Manuscript:	<b>COMPARING THE EFFECTIVENESS OF DIFFERENT MACHINE LEARNING ALGORITHMS FOR CROP COVER CLASSIFICATION USING SENTINEL 2</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:

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

### **PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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>
<p><b>Compulsory</b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are 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 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><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Overall, this is a clear, concise, and well-written manuscript. The introduction is relevant and theory based. Sufficient information about the previous study findings is presented for readers to follow the present study rationale and procedures. The authors make a systematic contribution to the research literature in this area of investigation.</b></p> <p><b>Add these references</b></p> <p>Bouslihim Y, Kharrou MH, Miftah A, Attou T, Bouchaou L, Chehbouni A. Comparing pan-sharpened landsat-9 and sentinel-2 for land-use classification using machine learning classifiers. Journal of Geovisualization and Spatial Analysis. 2022 Dec;6(2):35.</p> <p>Abida K, Barbouchi M, Boudabbous K, Toukabri W, Saad K, Bousnina H, Sahli Chahed T. Sentinel-2 data for land use mapping: Comparing different supervised classifications in semi-arid areas. Agriculture. 2022 Sep 9;12(9):1429.</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Correct grammar and punctuation</p>	
<p><b>Optional/General</b> comments</p>	<p>nil</p>	

[Review Form 1.7](#)

**PART 2:**

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

**Reviewer Details:**

Name:	<b>P. Balashanmugam</b>
Department, University & Country	<b>Annamalai University, India</b>