

Paper: “Evaluation Of Machine Learning Classification Methods For Rice Detection Using Earth Observation Data: Case Of Senegal”

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Peer review:

Reviewer 1: Jean Kan Kouame
Université Félix Houphouet Boigny, Côte d'Ivoire

Reviewer 2: Blinded

Reviewer 3: Pietro Braione
University of Milano-Bicocca, Italy

Reviewer G:
Recommendation: Revisions Required

The TITLE is clear and it is adequate to the content of the article.

It would be necessary to include deep learning in the title as this is the method used

The ABSTRACT clearly presents objects, methods, and results.

Indicate clearly the objective in the abstract and the algorithm that allowed to obtain a better discrimination of the different classes

There are a few grammatical errors and spelling mistakes in this article.

The study METHODS are explained clearly.

the methodology is clear except for the method of classification analysis which is not clear.

The body of the paper is clear and does not contain errors.

There are some mistakes that have been corrected during the reading

The CONCLUSION or summary is accurate and supported by the content.

The conclusion summarizes the main result and the limitation of the study method.

The list of REFERENCES is comprehensive and appropriate.

The references are well listed in the bibliography section

Please rate the TITLE of this paper.

[Poor] 1-5 [Excellent]

3

Please rate the ABSTRACT of this paper.

[Poor] 1-5 [Excellent]

3

Please rate the LANGUAGE of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the METHODS of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the BODY of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the CONCLUSION of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the REFERENCES of this paper.

[Poor] **1-5** [Excellent]

4

Overall Recommendation!!!

Accepted, minor revision needed

Comments and Suggestions to the Author(s):

Any study involving the mapping of land cover types from earth observation data must include a validation phase. So you will have to validate your maps from the 1/3 of the data. This is the most important observation. The other observations are contained in the article.

Reviewer N:
Recommendation: Accept Submission

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yes

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yes

There are a few grammatical errors and spelling mistakes in this article.

yes

The study METHODS are explained clearly.

yes

The body of the paper is clear and does not contain errors.

yes

The CONCLUSION or summary is accurate and supported by the content.

yes

The list of REFERENCES is comprehensive and appropriate.

yes

Please rate the TITLE of this paper.

[Poor] 1-5 [Excellent]

Please rate the ABSTRACT of this paper.

[Poor] 1-5 [Excellent]

5

Please rate the LANGUAGE of this paper.

[Poor] 1-5 [Excellent]

4

Please rate the METHODS of this paper.

[Poor] 1-5 [Excellent]

3

Please rate the BODY of this paper.

[Poor] 1-5 [Excellent]

3

Please rate the CONCLUSION of this paper.

[Poor] 1-5 [Excellent]

4

Please rate the REFERENCES of this paper.

[Poor] 1-5 [Excellent]

3

Overall Recommendation!!!

Accepted, minor revision needed

Comments and Suggestions to the Author(s):

The paper is ok. There are only some minor issues (some references missing),
