



**SDI Review Form 1.6**

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|--------------------------|---|
| Journal Name:            | <a href="#">Journal of Geography, Environment and Earth Science International</a>   |
| Manuscript Number:       | Ms_JGEESI_44995   |
| Title of the Manuscript: | GEOSPATIAL ASSESSMENT OF Land Cover dynamics in the Guinea Savannah Ecological Zone |
| Type of the 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:

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



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**PART 1: Review Comments**

|                                     | <b>Reviewer's comment</b>  | <b>Author's comment</b> (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 | <p>1. Some english/text improvement suggestions:</p> <p>a) Line 80-81: The study area has an excellent network of drainage network.</p> <p>b) Line 90: The Geology of the Lower Benue Basin is underlain by underlain by two..</p> <p>c) Line 165-166: .. obtained for the year (??) in Figure 2. This is illustrated further below by the LandSat imagery obtained for the year (??) ..</p> <p>d) Line 220: While some experienced (what does 'experienced' mean here?) increase in terms of spatial....</p> <p>2. Figures are a little blurry, it would be better for the reader if they were of more high quality.</p> <p>3. In the 'Materials and Methods' section, some questions arise while reading.</p> <p>a) How many images were available for the mosaiking of each year of interest?</p> <p>b) You are saying that you conducted field work in 2017 and 2018. Were there many types of vegetation in the area? In the previous years (e.g 2000) did you observe any other vegetation types with a different spectral signature than what you had collected in 2017-2018? If so, how did you deal with this when formulating the change percentages? The maximum likelihood classifier managed to detect all vegetation areas successfully? Also, maybe include a figure with specific GPS points that you used for the field work.</p> <p>4. In the 'Results and Discussion' section it would be nice to create a bar chart with all the change results, with a different colour for each class for example. In this way the reader can gain a complete idea of what is going on more quickly.</p> |  |
| <b>Minor</b> REVISION comments      |  |  |
| <b>Optional/General</b> comments    |  |  |

**PART 2:**

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

**Reviewer Details:**

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|----------------------------------|--|
| Name:                            | <b>Maria Papadomanolaki</b>                            |
| Department, University & Country | <b>National Technical University of Athens, Greece</b> |