

**Review Form 1.6**

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|--------------------------|---|
| Journal Name:            | <a href="#">International Journal of Environment and Climate Change</a>                   |
| Manuscript Number:       | Ms_IJECC_81195  |
| Title of the Manuscript: | A Review on Applications and Utility of Remote Sensing and Geographic Information Systems |
| Type of the Article      | Review paper  |

**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) |
|-------------------------------------|---|---|
| <b>Compulsory</b> REVISION comments | <p>The document is interesting, but in general it needs an order. Example: evolution of geomatics (adding information from sensors, gps, GIS, etc.), remote sensings applications (land use and land cover, precision agriculture (at this point add: soil moisture, nutrient management, crop monitoring), index (add the different index)).</p> <p>In the introduction mention the importance of food and the precision agriculture approach. In the same way, it's understood in the summary that it focuses on that sense. But only the use of remote sensors is mentioned in a general way and there is no specific information on use of GIS (use geospatial database or webmapping), GPS (for example monitoring and quantification of agricultural pests), internet of things, or artificial intelligence (models).</p> <p>Specify the type of document to present in the review, I mean, how the information will be presented, if in each subtopic it will be a review of works citing articles and what they did in them (LULC for example), present the most used methodologies, and explain them (soil moisture for example), or both forms.</p> |   |
| <b>Minor</b> REVISION comments      | <p>According to the review criteria that I read, the form of the citations should be more homogenized. Bibliographic citations were found by number, author (year) and (author, year).</p> <p>It is necessary to have a coherence in the reading.</p>   |   |
| <b>Optional/General</b> comments    | <p>Suggestion: give it a focus on precision agriculture since it has a better delimitation of information on this subject.</p>  |   |

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**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>Miguel Armando López-Beltrán</b>             |
| Department, University & Country | <b>Autonomous University of Sinaloa, México</b> |