

### Review Form 3

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|--------------------------|--|
| Journal Name:            | <b>Journal of Geography, Environment and Earth Science International</b>   |
| Manuscript Number:       | <b>Ms_JGEESI_122404</b>  |
| Title of the Manuscript: | <b>Assessment of Change Dynamics of Land Cover and Land Use in Kathmandu Valley of Nepal: A Temporal Analysis Using Arc GIS and Remote Sensing</b> |
| Type of the Article      |  |

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

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Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

**Review Form 3**

**PART 1: Review Comments**

| <b>Compulsory</b> REVISION comments   | Reviewer's comment   | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|---|--|---|
| <p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>                        | <ol style="list-style-type: none"> <li>1. The work was selected by the author to analyse the changes during 20 years of time.</li> <li>2. Good focus on LULC Changes in selected study area.</li> <li>3. Also focused on migration of people from one place to another which lead to built up area extension and changes in LULC Classes</li> </ol>  |   |
| <p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>  | <p style="text-align: center;"><b>Not yet, it may be</b></p> <p><b>“Assessment of Land Cover and Land Use Dynamics in Kathmandu Valley of Nepal: A Temporal Analysis Using Geospatial Technology”</b></p> <p><b>Cause – Why the author uses both change and dynamics word in title line?</b></p> <p><b>Is there any need to write the software name like ArcGIS in title?</b></p> <p><b>Why the author uses temporal, change, dynamics all similar type of word in title????</b></p>   |   |
| <p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>   | <p><b>NO, Add some more data about the result and every class accuracy</b></p>   |   |
| <p><b>Are subsections and structure of the manuscript appropriate?</b></p>  | <p><b>yes</b></p>  |   |
| <p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p> | <p><b>Change detection analyses is very basics process it will be happened in all the LULC classes but this parameter can be use to analyse the impact assessment of anything.</b></p> <p>increased population that led to increase in spread of built up area has impacts on environment of the city. Air pollution, water pollution and noise pollution are increased in valley staggeringly. Solid waste product is increased and its proper management has become big problem, challenges and issues for the local government. The hydrology, ecology is affected due to extreme temperature variation. The studies shows rise in maximum temperature above 35 degree in summer which is unexpected and notable for Kathmandu valley.</p> <p><b>This focused make the work good for publication.</b></p> |   |
| <p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>   | <p>No, please add</p>  |   |

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|--|---|--|
| Minor REVISION comments  |   |  |
| <b>Is the language/English quality of the article suitable for scholarly communications?</b> | No, please improve  |  |
| <b>Optional/General</b> comments   | <ol style="list-style-type: none"><li>1. Why author chose to do work in between 2000 to 2019, it should be 2000 to 2020</li><li>2. Fig.1 should be location map</li><li>3. Arrange all the map</li><li>4. Write the year in all the map</li><li>5. Improve English.</li></ol> |  |

### **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:**

|                                  |  |
|----------------------------------|--|
| Name:                            | <b>Mayank Pandey</b>                           |
| Department, University & Country | <b>Guru Ghasidas Central University, India</b> |