

**Review Form 3**

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|--------------------------|---|
| Journal Name:            | <a href="#">International Journal of Environment and Climate Change</a> |
| Manuscript Number:       | Ms_IJECC_124188   |
| Title of the Manuscript: | Morphometric Analysis of Kajali River Basin Using Geospatial Techniques |
| Type of the Article      | Original Research Article   |

**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> |
|---|---|---|
| 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.                        | I like the article because such studies are extremely important for watershed management and rainwater harvesting plans.  |   |
| Is the title of the article suitable? (If not please suggest an alternative title)  | Yes   |   |
| 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.   | The abstract should include the importance of this study may be in one sentence.  |   |
| Are subsections and structure of the manuscript appropriate?  | Yes   |   |
| 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. | The paper displays scientific accuracy by employing well-established morphometric analysis methodologies, including Remote Sensing (RS) and Geographic Information System (GIS) tools. It delineates the Sakharpa watershed in a systematic manner, analyses various morphometric data, and interprets topographical characteristics using proper formulas and procedures. The results are credible since they are consistent with accepted hydrological and geomorphological principles. |   |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.<br>=  | Yes   |   |

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| <p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p> | <p>Introduction- 3<sup>rd</sup> line use, is instead of was<br/>           1<sup>st</sup> Page last line – Spelling of raggedness to be ruggedness<br/>           Study area- It should be, western flowing river falling in Arabian Sea<br/>           Basic Morphometric parameters- 3<sup>rd</sup> line use have instead of has<br/>           Stream order-5<sup>th</sup> line Stream ordering has been proposed by Strahler(1964).<br/>           Last line should be 1<sup>st</sup>,2<sup>nd</sup> and so on<br/>           Stream length- 3<sup>rd</sup> line should be basin parameters such as<br/>           Circularity ratio- 4<sup>th</sup> line spelling of existance to be existence<br/>           Figure 3- Though it is not wrong but if different streams were shown by different colours the map would have become more clearly visible.<br/>           Stream frequency- the sentence should be According to Horton<br/>           Texture ratio- the sentence should be According to Horton<br/>           Form factor- Horton should be in brackets.</p> |  |
| <p><b>Optional/General</b> comments</p>  | <p>Nil</p>  |  |

**PART 2:**

|  | 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) |
|--|---|---|
| <p><b>Are there ethical issues in this manuscript?</b></p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> |   |

**Reviewer Details:**

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|---|---|
| <p>Name:</p>                                | <p><b>Sandeep Yadav</b></p>                   |
| <p>Department, University &amp; Country</p> | <p><b>Government Girls College, India</b></p> |