



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Physical Sciences</a>
Manuscript Number:	<b>Ms_AJOPS_31098</b>
Title of the Manuscript:	<b>Categorization of Morphometric Surface Through Morphometric Diversity Analysis in Kushkarni River Basin of Eastern India</b>
Type of the Article	<b>Original Research Article</b>

**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**

	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><u>Compulsory</u></b> REVISION comments	<p><b>Revision of the whole manuscript for poor English. Remove morphometric details from study area.</b></p> <p><b>Revise the Table 3: Name and number of parameters used for different diversity models. (Overlap of parameters)</b></p> <p><b>Why Bifurcation Ratio is included in Relief Diversity model? Justify</b>  <b>Why Ruggedness number is considered for Drainage Diversity Model? Justify.</b></p> <p><b>How hydraulic gradient is correlated to Morphometric Diversity Model?</b></p>	<p>We have tried to improve the text It is removed from study area.</p> <p>Intentionally we have used these because some of these parameters indirectly explain the other one. It is explained in text.</p> <p>Both the questions are answered in text</p> <p>Degree of hydraulic gradient can explain linear slope pattern</p>
<b><u>Minor</u></b> REVISION comments	<p>Line 9 identifying ground water recharge zone (zones) Line 10 considering a 16 morphometric parameters (delete 'a')</p> <p>Line 11 Geographical information system environment (Keep first letter capital GIS)</p> <p>Line 12 For doing this morphometric diversity model relative importance of the selected parameters is assessed and employed while building model (Rewrite the sentence)</p>	<p>We have corrected all suggestions.</p>
<b><u>Optional/General</u></b> comments		