

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_102989
Title of the Manuscript:	Hydrological Modelling of Hathmati River Watershed using HEC-HMS, Remote Sensing and Geographical Information System in Middle Gujarat, India
Type of the Article	Original Research 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:

(<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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> 1. From the scientific research perspective, it is basic analysis for a small basin and may not be replicated the same result for a large or other similar area. Therefore, author may think about its wider applications while including a comparison from other basin/ sub-basin areas. All figures must be improved as per the convention of mapping procedures. 2. Title of manuscript is so long and redundant. Author may think to revise it. 3. At least first five lines may be revised while considering language errors. 4. Overview of HEC-HMD model may be included under methodology section as this is a part of processing of research. Research needs to be elaborated from wider perspective rather than calibration and little discussions. Figure 7, 8, & 9 may be fix in a single figure, which will provide more comprehensive understanding of the subject. Table 3 & 4 may be merged. Further, figure 2,3 & 4 may also be revised and including in a single map-space. 5. Yes, it may be considered. 6. Recent references are required on the topic. Author may include findings from more recent literature on the topic. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Language revision, editing, and modifications are required at least in abstract, introduction, and result & discussion.</p>	
<p>Optional/General comments</p>	<p>Author may revised all figures as per the standard conventional practice and minimize the space i.e. unnecessarily occupied by blank areas.</p>	

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PART 2:

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

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