

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_94545
Title of the Manuscript:	Application of HEC-HMS model for modelling flood in sub basin of Meenachil river, Kerala, 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)
Compulsory REVISION comments	<p>TITLE: Do not use abbreviations in the Title. Let HEC-HMS be written in full. (Hydrological Engineering Centre – Hydrological Modelling System)</p> <p>ABSTRACT</p> <ul style="list-style-type: none"> Do not use abbreviations in the abstract Line 12 and 13 on the major finding, be specific. Avoid the use of words like figured Below 20. That's on the peak flow and volume. On Curve number, Initial abstraction and Lag time if possible give the quantity (Value) since the read might not understand which value depicts sensitivity. Where are the stream flow values? Be specific. On key words, you can add Simulations, Peak flow, stream flow, lag time, etc so you expunge Meenachil river from Key words. OBJECTIVE OF THE STUDY MISSING RELOOK AT THE ABSTRACT AND LET IT CAPTURE ALL THE SECTION OF THE PAPER IN SUMMARY FORM. FOR THE FINDINGS JUST GIVE MAJOR FINDING IN SUMMARY. <p>INTRODUCTION</p> <ul style="list-style-type: none"> Before using any abbreviations, write it in full first. For example, line 29 Geographical Information Systems (GIS), GUI, etc. Line 58 – 60; citation missing. Otherwise the statement is not true.....resulted in the largest loss of life in human history.... <p>METHODOLOGY</p> <ul style="list-style-type: none"> Fig. 3 HEC-HMS schematics of Meenachil sub basin should be in GIS- having longitudes and latitudes 	
Minor REVISION comments	Line 101 – Edit by spacing Line 258 – Edit by spacing	
Optional/General comments		

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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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