

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_97018</b>
Title of the Manuscript:	<b>Daily sediment yield prediction using hybrid machine learning approach</b>
Type of the 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> )

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1 More consistent</p> <p>2 More consistent</p> <p>3 More consistent</p> <p>4 More consistent</p> <p>5 More consistent</p> <p>6 More consistent</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	More consistent	
<p><b>Optional/General</b> comments</p>	<p>1) There are many models mentioned in the introduction of the article. Please introduce the four main models separately.</p> <p>2) The introduction of the model in the introduction part needs to be clear, rather than a general comparison of the tea of each model.</p> <p>3) The research purpose of the article is to explore the performance of four different technologies, so the relationship between rainfall and sediment is deleted in the conclusion.</p> <p>4) Please describe the advantages and disadvantages of the four technical models, and compare the four technical models to increase the content of the conclusion.</p> <p>5) Please add paragraphs to summarize the research methods used in concise language.</p> <p>6) Please briefly discuss the innovation of this study.</p> <p>7) For the data collection of the Seinath River in the article, please describe the collection method and data analysis method in detail.</p> <p>8) For the data obtained from the four models, please add paragraphs for comparative analysis.</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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

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