

Review Form 3

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_124077
Title of the Manuscript:	SEDIMENT SIMULATION USING MULTI LAYER PERCEPTRON (MLP), CO-ACTIVE NEURO-FUZZY INFERENCE SYSTEM (CANFIS) AND MULTIPLE LINEAR REGRESSION TECNIQUES (MLR) FOR HURDAG WATERSHED
Type of the Article	

PART 1: Review Comments

Compulsory 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.	Sediment Transport is an important Subject. It has Environmental, Engineering, and Scientific implications. This subject is a matter of concern in respect to Contaminant Transport, Pollution, Aquatic Habitat, channel navigability, River aesthetics, reservoir filling, and other scientific interests.	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	The conclusion should be revisited. Note: The conclusion of this work is anticipated to guide the readers understand why your research should matter to them. It should portray key points Such as: Directly Stating the Findings/outcome of the study, Summarizing the main objective/thoughts of the larger implications of the study, Demonstrate the importance of the Study, and Introduce possible new or expanded techniques on Solving the research problem.	
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.	This manuscript is Scientifically correct. It focused on Modeling and estimation of the sediment load in streams. It is important for water resources engineering as well as sustainable water resources planning, development, and management.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are insufficient. Kindly update this manuscript with more recent references on this subject and add all in-text references where necessary as highlighted on the manuscript.	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, the English Language is suitable	
Optional/General comments	Note: 1. All Tables and Figure should be adequately and briefly discussed in the Discussions. 2. Some Tables Mentioned did not reflect in the manuscript. Kindly update! 3. Kindly Correct and crosscheck all Write-ups coloured Orange. 4. Crosscheck all remarks made on the manuscript.	

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>	

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