



## ESTIMATION OF PLASTIC FINE ALTERED RIVER BED PERMEABILITY USING ARTIFICIAL NEURAL NETWORKS

### Reviewer 1: --

1. In several sections sentences have spelling and grammar mistakes, which need to be corrected.
2. In several sections sentences have a space problem, which needs to be corrected.
3. Proper sentence construction in several sections to be modified.

Page No.	Actual	Suggested
1	Have	has
1	of variety	of a variety
1	a tedious	tedious
1	Has	have
2	in order to	to
2	the	as the
2	the permeability	permeability
2	have	which have
3	soft	the soft
3	relationship	relationships
3	modelling	modeling
3	particle	a particle
3	simple	a simple
3	was	were
3	to single	single
3	riverbed	of riverbed
3	Standard	The standard
4	of particle	of the particle
4	Unified	the Unified
4	corelate	correlate
4	recorded	the recorded
4	trigonometric	trigonometric
4	function	functions
4	straight forward	straightforward
4	more	a more
5	permeability	the permeability
5	obtain	obtaining
5	optimisation	optimization

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5	optimisation	optimization
5	in order to	to
5	shown	is shown
5	non-linear	the non-linear
5	optimie	optimize
5	forward	the forward
6	same	the same
6	generalised	the generalised
6	initialised	initialized
6	bias respectively	bias
6	output	the output
6	optimise	optimize
6	optimisation	optimization
6	Optimisation	Optimization
6	a right	the right
6	pre-defined	a pre-defined
6	GRG	the GRG
6	each and every	every
6	GRG	the GRG
6	optimisation	optimization
6	optimisation	optimization
6	minimise	minimize
6	remaining	the remaining
9	pre-defined	a pre-defined
9	GRG	the GRG
9	each and every	every
9	best	the best
9	optimization	the optimization
9	case	cases
11	prediction	the prediction
11	that suitability	the suitability
11	modelling	modeling
12	a number of	several
12	individual	the individual
12	improve	improves
12	modelling	modeling
12	ANN	the ANN

### Comments to Editor :

1. After modifying the content, the paper can be accepted for possible publication.

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**Reviewer 2: --**

1. Paper should be written in JMCMS Journal format.
2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. The authors are requested to rewrite the abstract, as this section does not properly depict the paper's actual aim and objective.
4. All the equations should be typed only in the equation editor, and maintain a uniform size.
5. Authors are advised to add a comparative study with existing similar implementation.
6. Conflict of interest regarding the article should be mention in the text.

**Comments to Editor :**

1. After modifying the content, the paper can be accepted for possible publication.

**Reviewer 3: --**

1. Paper should be written in JMCMS Journal format.
2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. It is advised to the authors that they need to disclose their proposed method provides the amount of accuracy in abstract and conclusion.
4. The conclusion should be brief and short, which needs to specify the paper's aim and objective.
5. Conflict of interest regarding the article should be mention in the text.

**Comments to Editor :**

1. After modifying the content, the paper can be accepted for possible publication.

**[Note: This is a computer-generated Report hence, no need for any Signature.]**