Review Form 1.6

Journal Name:	**Journal of Scientific Research and Reports**
Manuscript Number:	**Ms_JSRR_91251**
Title of the Manuscript:	**A Numerical Study of the behaviour on Lock Volume Variations in Lock-Exchange Density Current In Cold Fresh Water.**
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.journaljsrr.com/index.php/JSRR/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		
Minor REVISION comments	***My comment is minor revision*** The current research was investigated under the title "A numerical study of the behavior on lock volume variations in lock-exchange density current in cold fresh water". Although it seems that the results of this research are interesting for scientists in this field and environmental experts. But it has the following defects that must be solved before printing. 1- Writing and grammatical errors 2- What is the reason for using this mathematical model? How do you evaluate the validity of the model? 3- Please mention similar studies to compare your work. 4- State the assumptions used in more detail. 5- Economic evaluation can improve this work. 6- Revise the parts of the "abstract" and "conclusion" according to the standard. 7- In the introduction section, use more sources related to the issue of fresh water production. The following sources are only suggested to the authors. It is emphasized that the authors are completely free to choose relevant sources. Technical study of new industrial processes in chemical engineering, ISBN-978-613-8-94735-6, ISBN-6138947355; Prediction of forced circulation crystallizer performance using ANN, Scholars' Press, ISBN-10: 9783659842726, ISBN-13: 978-3659842726, ASIN: 3659842729; DOI: 10.1007/s10666-020-09740-8; DOI: 10.1166/jon.2017.1306; DOI: 10.1007/s12517-020-05890-x; DOI: 10.1002/ep.13496; DOI: 10.1080/01430750.2019.1573758; DOI: 10.1002/ese3.234;	
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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