



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	2015_PSIJ_18527
Title of the Manuscript:	Effect of Channel Slope on Hydraulic Jump Characteristics
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



**SDI Review Form 1.6**

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b><u>Compulsory</u></b> REVISION comments	<p>1. Abstract is ok.</p> <p>2. More literature review must be included related to present work in 'INTRODUCTION' section. Last word of introduction 'sand' is not clear/correct.</p> <p>3. There are five bed slopes used but a word 'four' is used in section 2. i.e. in 'EXPERIEMNTAL WORK'. Please include one table showing details/range of varying parameters. (Which parameters varied and which are constant?).</p> <p>4. All figures, graphs and equations are not clear and poorly highlighted.</p> <p>5. Variation for figure. 2 in non-linear, please justify. Since in all other studies done by other authors, this variation is linear.</p> <p>6. More explanation is required for multiple linear regression equations you derived; as it contains some dependent and independent parameters. Secondly effect of gravity or effect of self weight of water is considered or not while applying multiple linear regressions, is not clear.</p> <p style="padding-left: 40px;">Please give or incorporate those details.</p> <p>7. Figure '7' is written in place of Figure '8' in the last line before the 'CONCLUSION'.</p> <p>8. Arrange all 'REFERENCES' in alphabetical order. Presently it is neither year wise nor alphabetically.</p> <p>9. I have seen not much comparison of results with other author's data/results. Please try to validate all your results with some other authors as well.</p>	



**SDI Review Form 1.6**

	<b>Authors suggested few equations from their study which must be scientific; valid and appropriate; how rigorous authors can be interpreting their work.</b>  <b>Authors have to declare this through copyright form or through undertaking.</b>	
<b><u>Minor</u></b> REVISION comments	NA.	
<b><u>Optional/General</u></b> comments	This manuscript discussed the effect of Channel slope on hydraulic jump characteristics. Manuscript in its current form is slight convincing but need major revisions before it can be considered for publication in this journal.	

**Reviewer Details:**

Name:	<b>Sumit Gandhi</b>
Department, University & Country	<b>Department of Civil Engineering, Jaypee University of Engineering and Technology, Guna, India</b>