



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_10026
Title of the Manuscript:	Determination of friction factor over a pool reach, using double-average method
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>)



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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)
Compulsory REVISION comments	2. 3. Determination of friction factor over a pool reach by double average method. 4. Abstract "one with pool bed form and the other with plane bed." ● Rewriting the Abstract in native speak form.	Done. Thank you for your suggestion. Done Done
Minor REVISION comments	9. For example, form friction due to bed forms in 10 gravel-bed rivers can result in bed resistance that are(? is) 10–75% less than the total resistance to 11 flow. ● Grammar must be checked carefully. ● Typing need to be checked again.	Done. "is" was written. Done, lines 13, 15, 17, 76, 114. And 172 Done
Optional/General comments	● What is the range of the Reynolds number for Darcy-Weisbach friction factor (f)? ● How will the results be if the Froude number is greater than 1.0 (in Table 2. Less than 1.0) that is if the bed slope is steeper or the bed material is coarser? 1. Grammar and Typing. Adding some data of Froude number >1.0.	The range of Reynolds number ($Re = 4hu_m/10^6$) for pool run is from 1.325×10^6 to 2×10^6. For the plane bed, this range is from 5.75×10^5 to 6.22×10^5. The objective of this research is application of double-averaged method. In general, if the Froude number is more than 1.0, the flow will be supercritical, showing flood conditions. In these conditions, it is very difficult to work in rivers. In addition, many problems including bed load and suspended load will interact in friction factor estimation for the Froude number >1.0 which are beyond of this paper objective. Therefore, There is no data for Froude number >1 at this research.



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		Grammar and spelling were controlled in the revised version.
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